

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030078.D
 Acq On : 14 Jul 2022 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 04:21:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	170047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	306687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105101	50.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.560%			
35) Dibromofluoromethane	5.391	113	94007	47.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.960%			
50) Toluene-d8	8.653	98	362966	49.259	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	11.085	95	129820	50.768	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108299	56.194	ug/l	99
3) Chloromethane	1.288	50	101349	57.196	ug/l	98
4) Vinyl Chloride	1.374	62	111723	56.765	ug/l	100
5) Bromomethane	1.611	94	48248	57.708	ug/l	96
6) Chloroethane	1.685	64	60954	54.996	ug/l	96
7) Trichlorofluoromethane	1.886	101	147786	58.142	ug/l	97
8) Diethyl Ether	2.136	74	58201	55.348	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	95462	55.014	ug/l	98
10) Methyl Iodide	2.453	142	105907	61.579	ug/l	100
11) Tert butyl alcohol	2.989	59	130794	244.846	ug/l	98
12) 1,1-Dichloroethene	2.319	96	99485	57.422	ug/l	98
13) Acrolein	2.239	56	22281	209.426	ug/l	98
14) Allyl chloride	2.666	41	168705	55.722	ug/l	99
15) Acrylonitrile	3.069	53	351369	289.420	ug/l	100
16) Acetone	2.392	43	282530	289.687	ug/l	99
17) Carbon Disulfide	2.508	76	248043	51.172	ug/l	98
18) Methyl Acetate	2.709	43	167478	56.447	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	321685	58.741	ug/l	97
20) Methylene Chloride	2.788	84	114512	58.391	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	106291	58.859	ug/l	96
22) Diisopropyl ether	3.770	45	354086	59.748	ug/l	90
23) Vinyl Acetate	3.727	43	1545501	308.054	ug/l	99
24) 1,1-Dichloroethane	3.611	63	190022	57.863	ug/l	99
25) 2-Butanone	4.568	43	487368	293.356	ug/l	99
26) 2,2-Dichloropropane	4.483	77	96241	41.719	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	123454	55.825	ug/l	97
28) Bromochloromethane	4.904	49	78128	56.550	ug/l	98
29) Tetrahydrofuran	5.013	42	329321	292.087	ug/l	100
30) Chloroform	5.099	83	192031	58.677	ug/l	100
31) Cyclohexane	5.477	56	172539	57.504	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	156372	58.461	ug/l	98
36) 1,1-Dichloropropene	5.696	75	140061	55.345	ug/l	98
37) Ethyl Acetate	4.721	43	183402	56.398	ug/l	99
38) Carbon Tetrachloride	5.678	117	127470	54.013	ug/l	97
39) Methylcyclohexane	7.385	83	177963	55.472	ug/l	98
40) Benzene	6.044	78	446201	56.018	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	100972	57.667	ug/l	99
42) 1,2-Dichloroethane	6.092	62	143607	58.174	ug/l	99
43) Isopropyl Acetate	6.348	43	284230	58.126	ug/l	99
44) Trichloroethene	7.129	130	122738	52.732	ug/l	98
45) 1,2-Dichloropropane	7.434	63	116661	56.347	ug/l	96
46) Dibromomethane	7.586	93	79676	55.913	ug/l	98
47) Bromodichloromethane	7.824	83	144418	55.853	ug/l	98
48) Methyl methacrylate	7.696	41	133370	59.111	ug/l	99
49) 1,4-Dioxane	7.684	88	64908	1107.281	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	936826	289.517	ug/l	100
52) Toluene	8.720	92	279954	55.348	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	147424	54.889	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	163537	53.150	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	116955	56.071	ug/l	96
56) Ethyl methacrylate	9.122	69	183135	58.397	ug/l	99
57) 1,3-Dichloropropane	9.311	76	188717	56.954	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	468424	275.077	ug/l	100
59) 2-Hexanone	9.433	43	735104	296.242	ug/l	98
60) Dibromochloromethane	9.525	129	111280	54.761	ug/l	99
61) 1,2-Dibromoethane	9.616	107	120691	55.596	ug/l	98
64) Tetrachloroethene	9.275	164	119018	54.538	ug/l	97
65) Chlorobenzene	10.079	112	290879	53.732	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	103307	55.977	ug/l	100
67) Ethyl Benzene	10.195	91	526016	57.331	ug/l	99
68) m/p-Xylenes	10.305	106	404298	112.350	ug/l	99
69) o-Xylene	10.646	106	200867	55.747	ug/l	99
70) Styrene	10.659	104	336446	56.258	ug/l	99
71) Bromoform	10.805	173	76688	51.720	ug/l #	100
73) Isopropylbenzene	10.963	105	514072	55.786	ug/l	99
74) N-amyl acetate	10.848	43	233591	57.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	175632	52.828	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	165783m	54.483	ug/l	
77) Bromobenzene	11.201	156	119410	51.791	ug/l	98
78) n-propylbenzene	11.305	91	611892	55.971	ug/l	99
79) 2-Chlorotoluene	11.366	91	358856	54.804	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	428270	55.155	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	51050	48.418	ug/l	96
82) 4-Chlorotoluene	11.457	91	403945	55.060	ug/l	99
83) tert-Butylbenzene	11.719	119	403895	54.241	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	433607	56.457	ug/l	99
85) sec-Butylbenzene	11.890	105	553854	56.262	ug/l	99
86) p-Isopropyltoluene	12.012	119	444649	56.303	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	228467	53.630	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	233282	53.362	ug/l	98
89) n-Butylbenzene	12.335	91	424921	60.051	ug/l	99
90) Hexachloroethane	12.542	117	74463	55.155	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	230057	53.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43646	57.496	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	137697	51.798	ug/l	98
94) Hexachlorobutadiene	13.725	225	51506	48.530	ug/l	98
95) Naphthalene	13.774	128	575431	54.534	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	142254	52.592	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

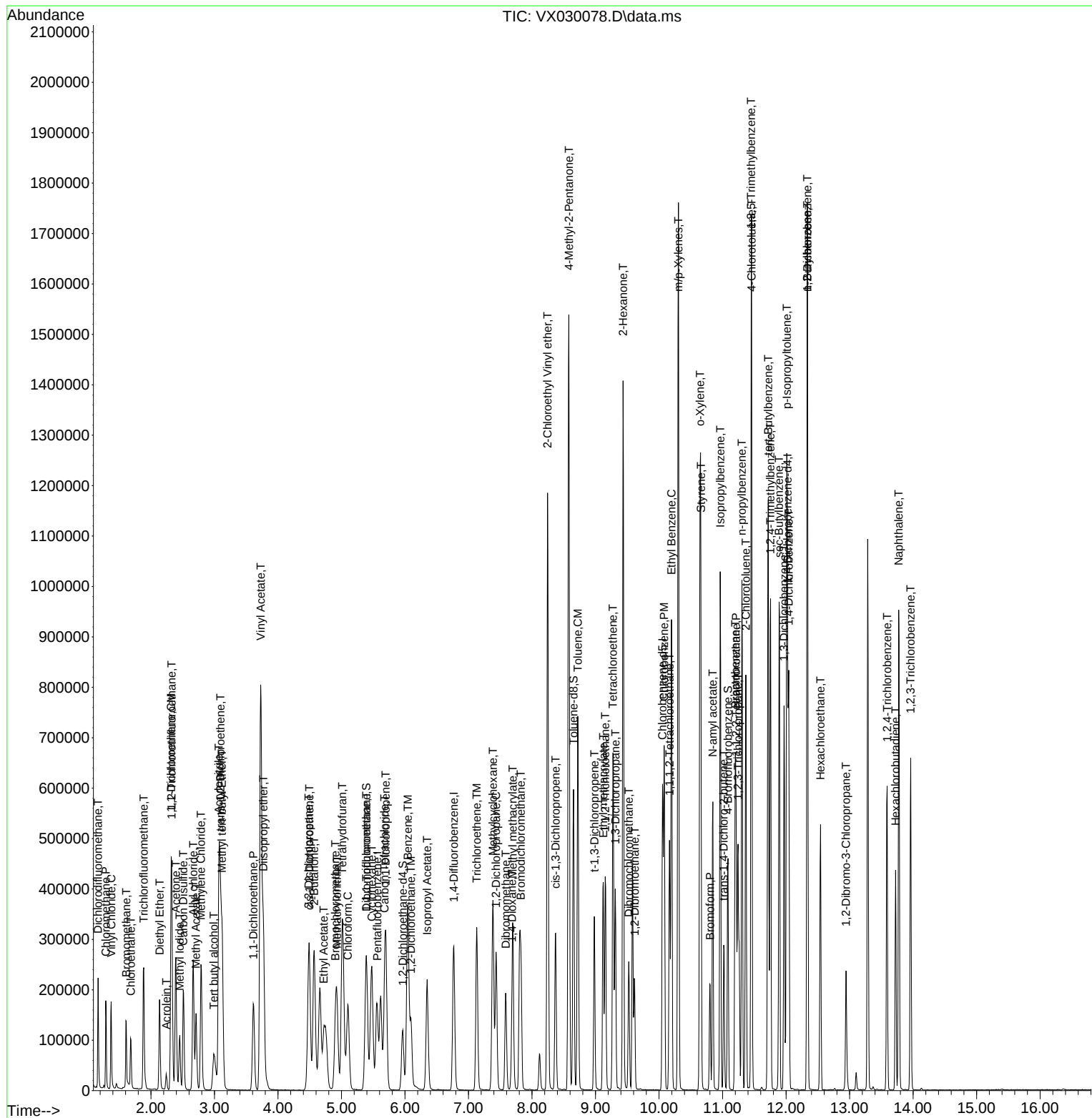
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
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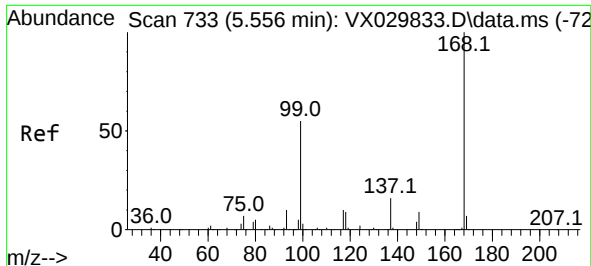
Instrument :
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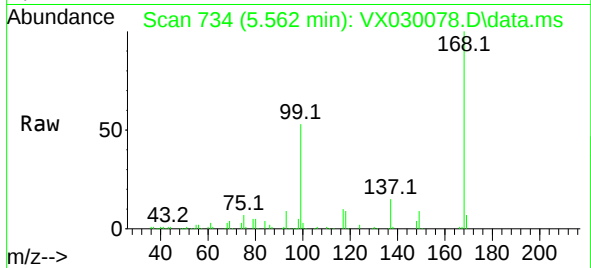
Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030078.D
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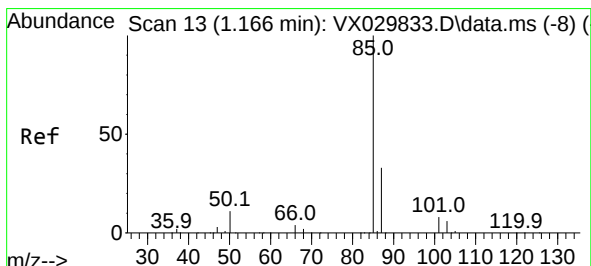
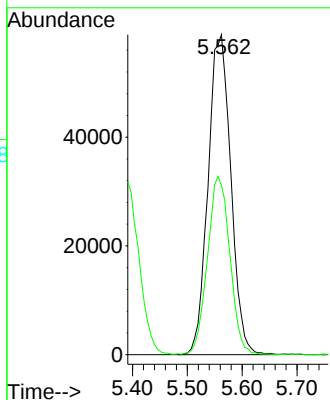
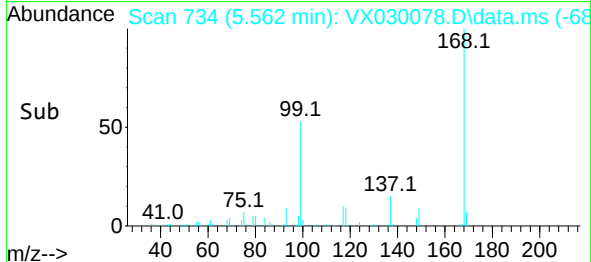
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 17004
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0

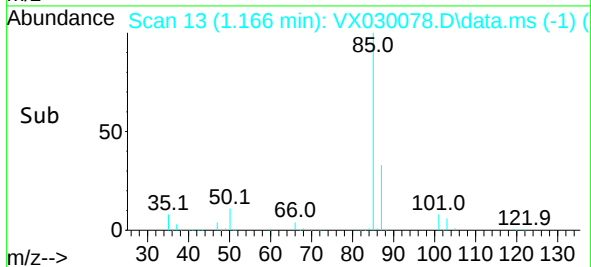
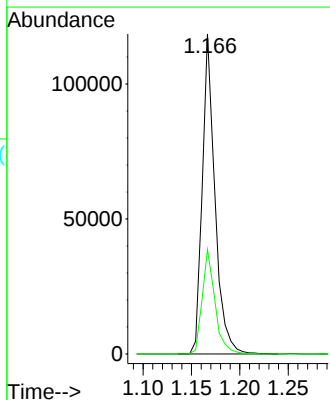
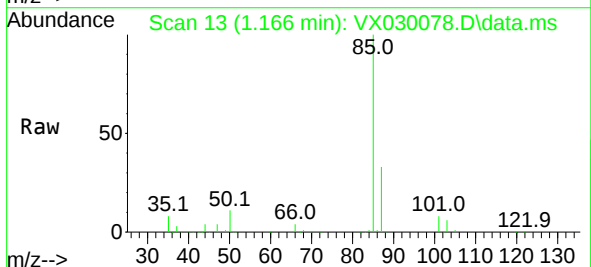
Manual Integrations
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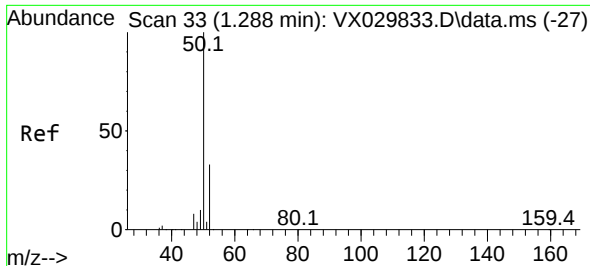
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#2
Dichlorodifluoromethane
Concen: 56.194 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

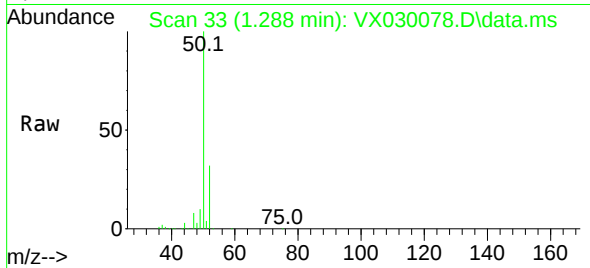
Tgt Ion: 85 Resp: 108299
Ion Ratio Lower Upper
85 100
87 32.7 16.5 49.5





#3
Chloromethane
Concen: 57.196 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

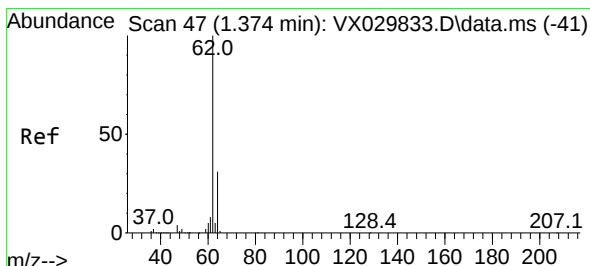
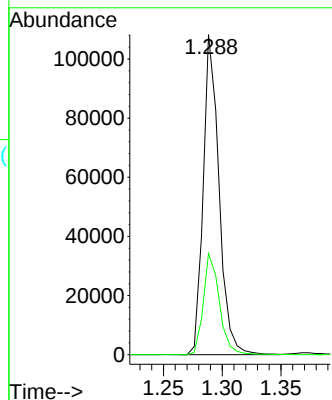
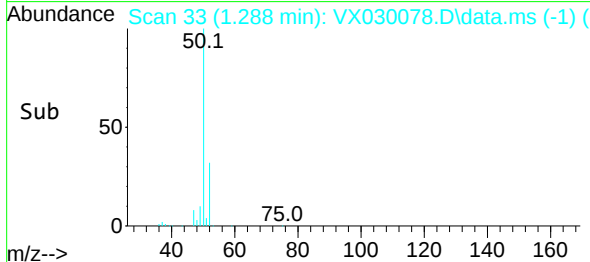
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 101349
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5

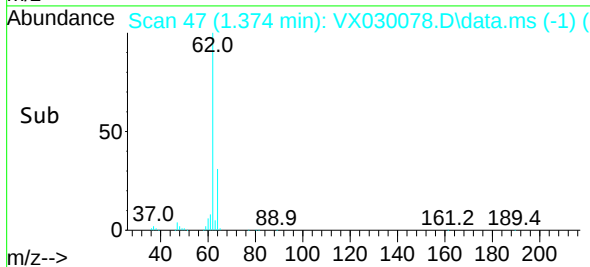
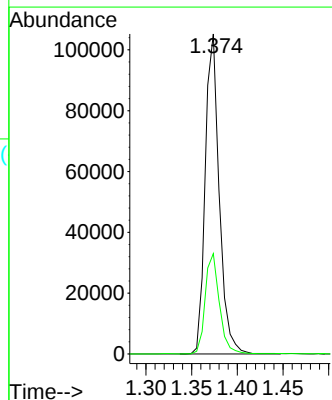
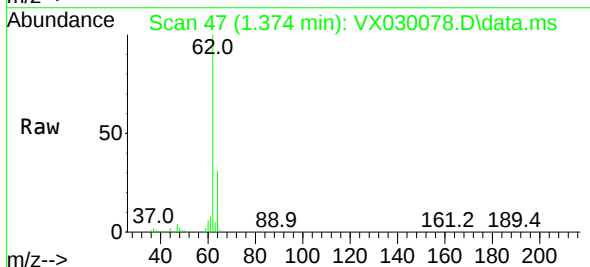
Manual Integrations
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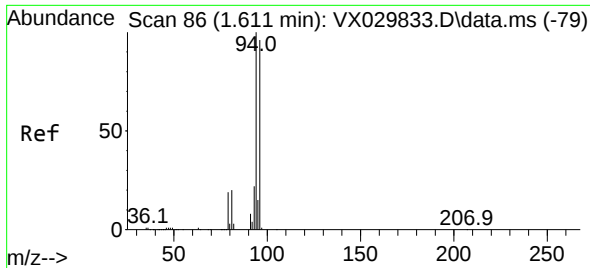
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#4
Vinyl Chloride
Concen: 56.765 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

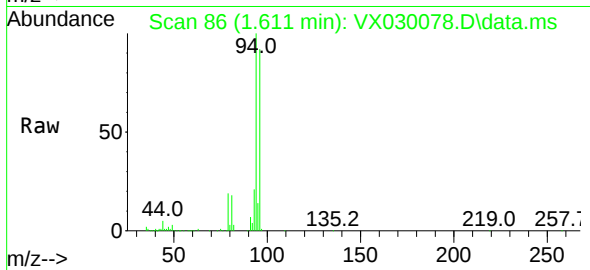
Tgt Ion: 62 Resp: 111723
Ion Ratio Lower Upper
62 100
64 31.4 25.2 37.8





#5
Bromomethane
Concen: 57.708 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

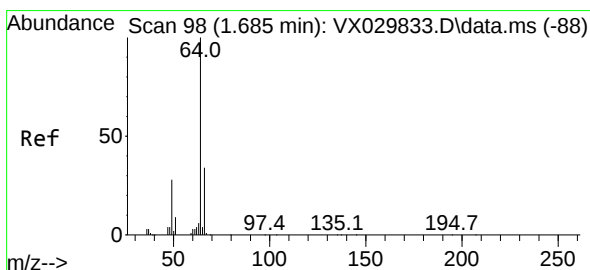
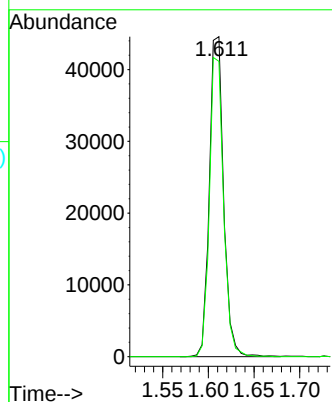
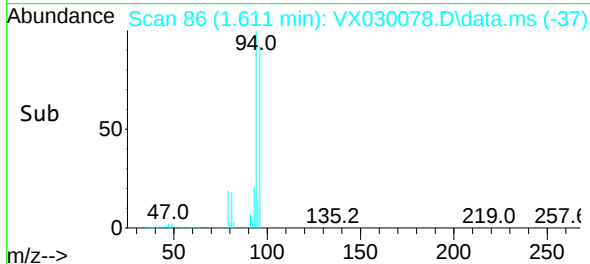
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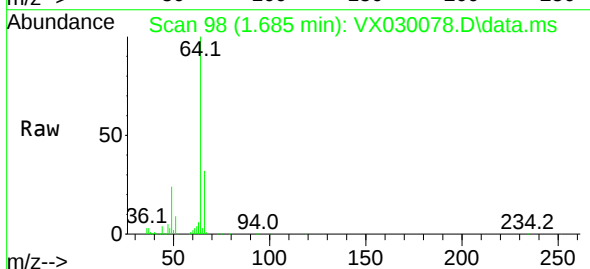
Tgt Ion: 94 Resp: 48248
Ion Ratio Lower Upper
94 100
96 92.3 76.9 115.3

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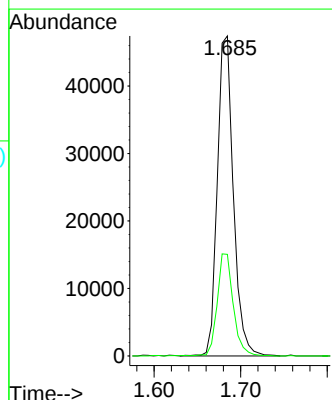
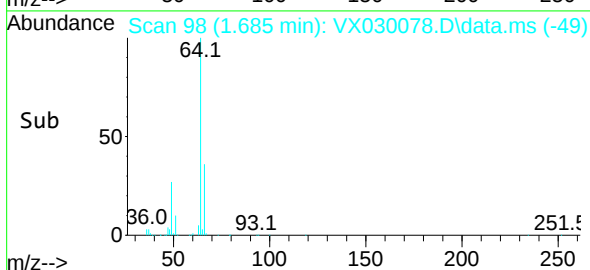
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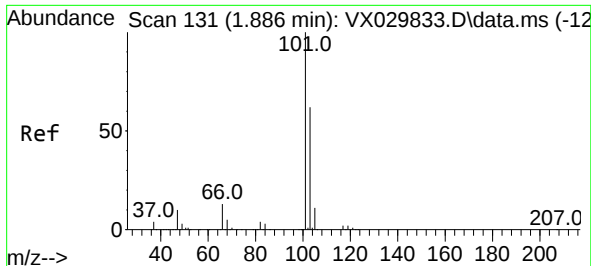


#6
Chloroethane
Concen: 54.996 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



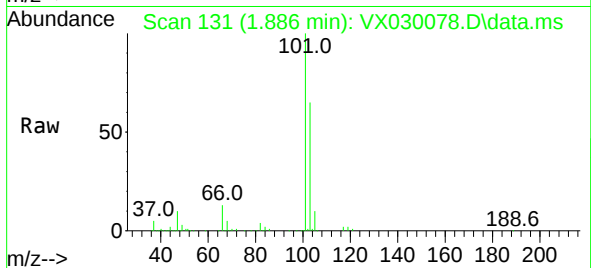
Tgt Ion: 64 Resp: 60954
Ion Ratio Lower Upper
64 100
66 31.7 27.2 40.8





#7
Trichlorofluoromethane
Concen: 58.142 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

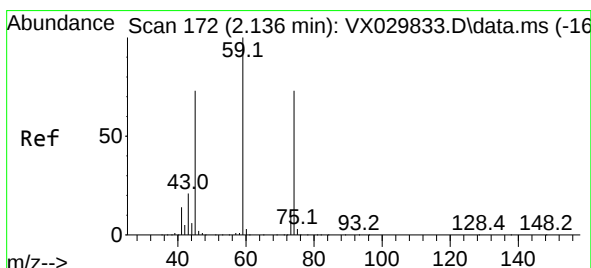
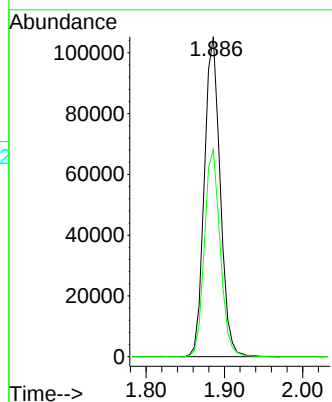
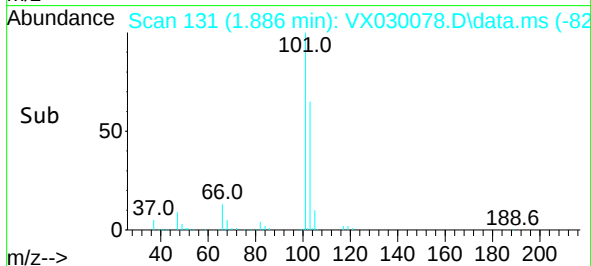
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Tgt Ion:101 Resp: 147780
Ion Ratio Lower Upper
101 100
103 64.7 49.7 74.5

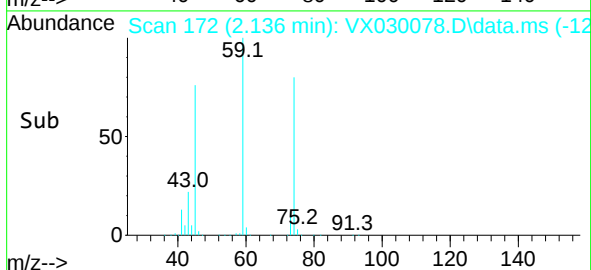
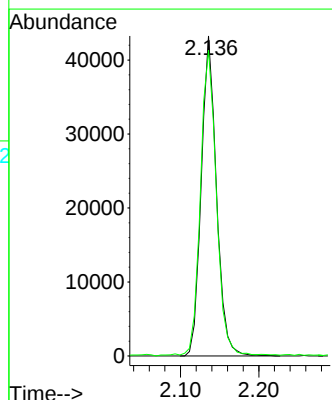
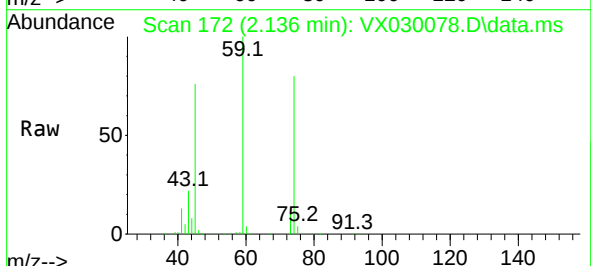
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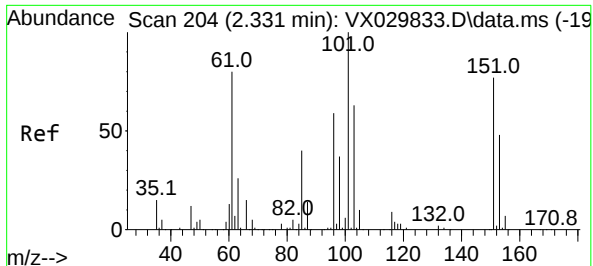
Reviewed By :John Carlone 07/15/2022
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#8
Diethyl Ether
Concen: 55.348 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

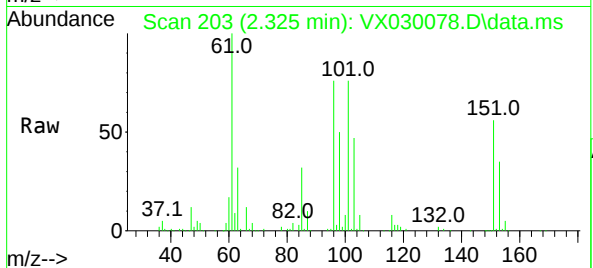
Tgt Ion: 74 Resp: 58201
Ion Ratio Lower Upper
74 100
45 101.0 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.014 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

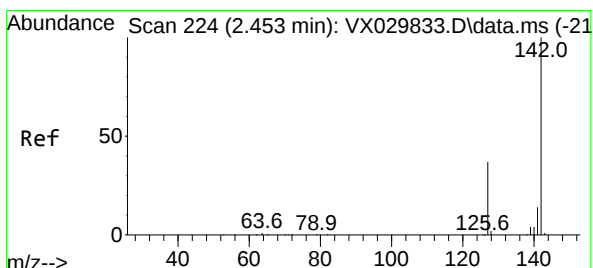
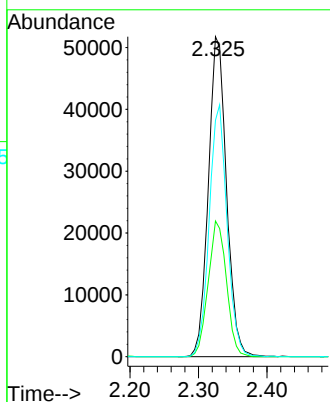
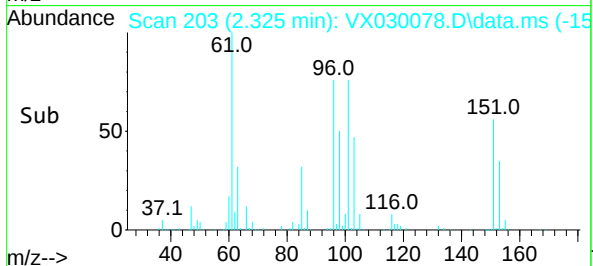
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



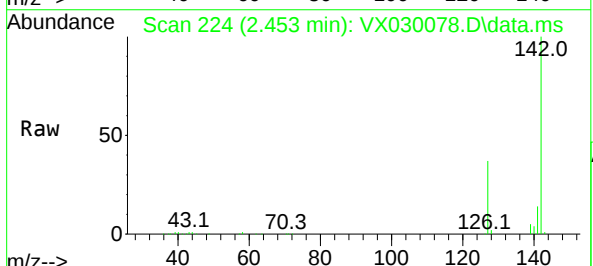
Tgt Ion:101 Resp: 95462
Ion Ratio Lower Upper
101 100
85 42.4 34.0 51.0
151 77.3 59.4 89.0

Manual Integrations
APPROVED

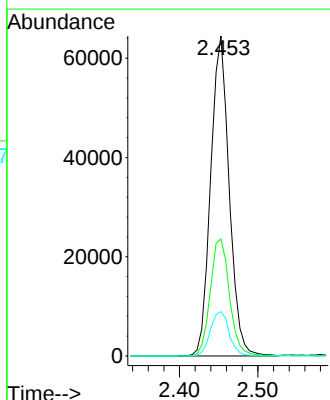
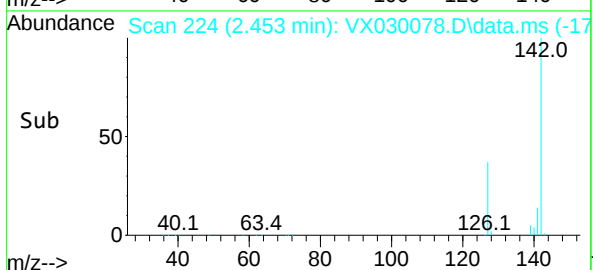
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

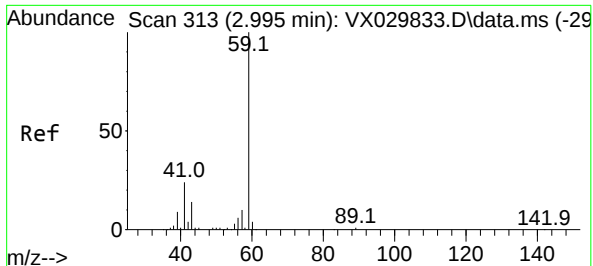


#10
Methyl Iodide
Concen: 61.579 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



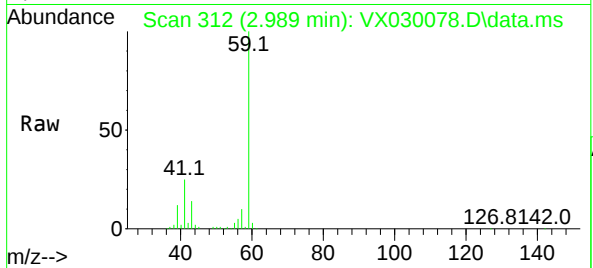
Tgt Ion:142 Resp: 105907
Ion Ratio Lower Upper
142 100
127 38.0 30.2 45.2
141 14.1 11.3 16.9





#11
Tert butyl alcohol
Concen: 244.846 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

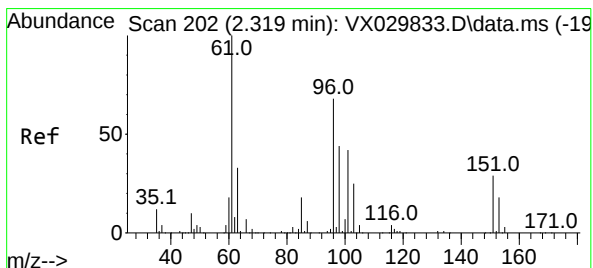
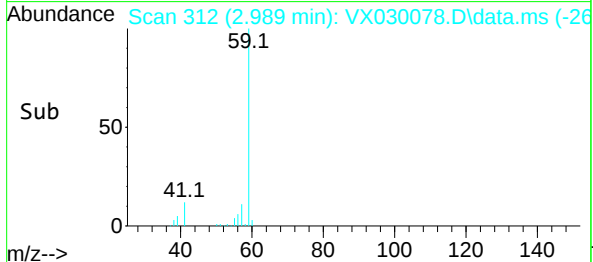
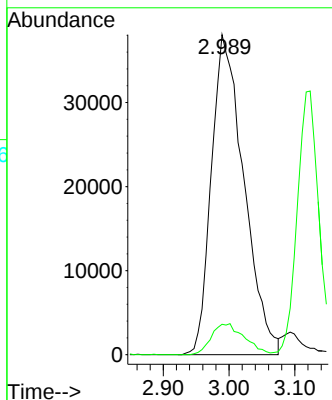
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 130794
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.2

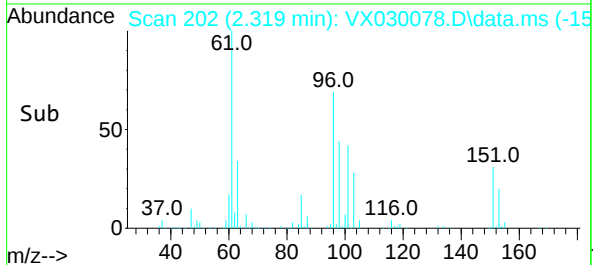
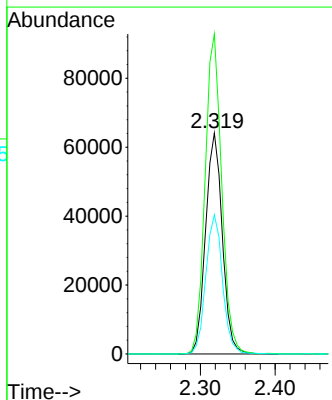
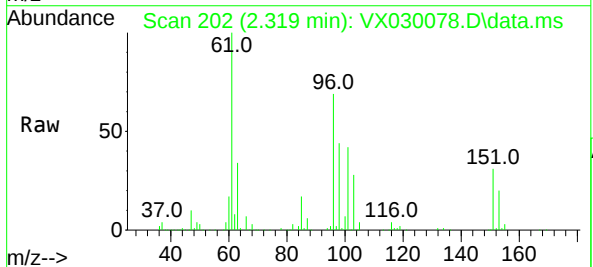
Manual Integrations
APPROVED

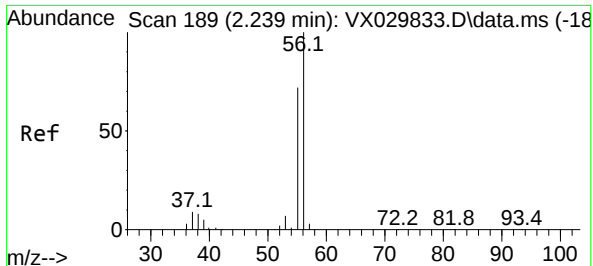
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#12
1,1-Dichloroethene
Concen: 57.422 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

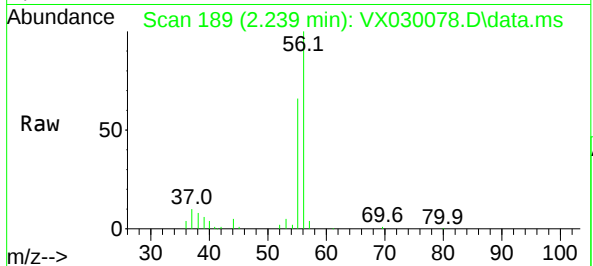
Tgt Ion: 96 Resp: 99485
Ion Ratio Lower Upper
96 100
61 144.8 117.4 176.0
98 63.0 52.2 78.4





#13
Acrolein
Concen: 209.426 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

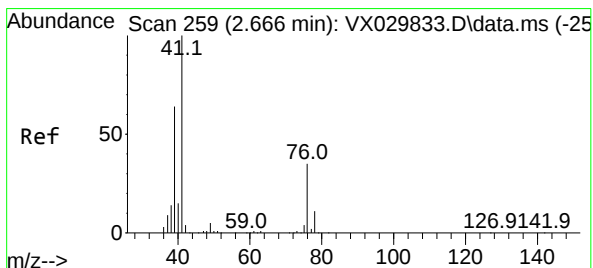
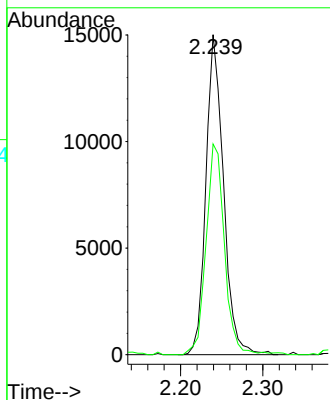
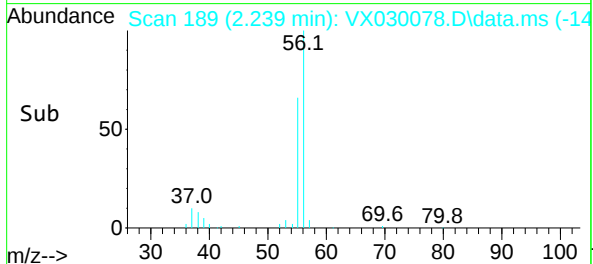
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2228
Ion Ratio Lower Upper
56 100
55 69.3 56.6 84.8

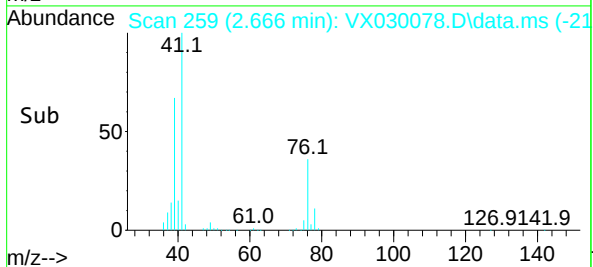
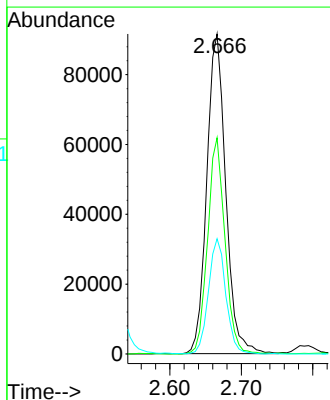
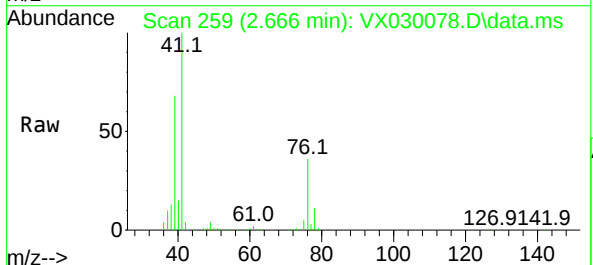
Manual Integrations
APPROVED

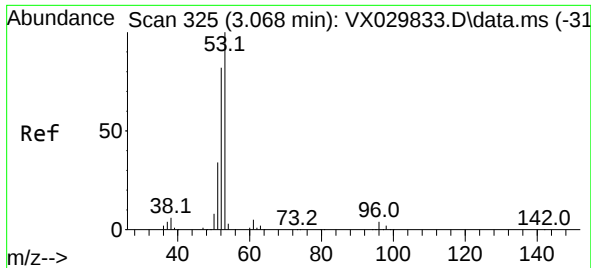
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#14
Allyl chloride
Concen: 55.722 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

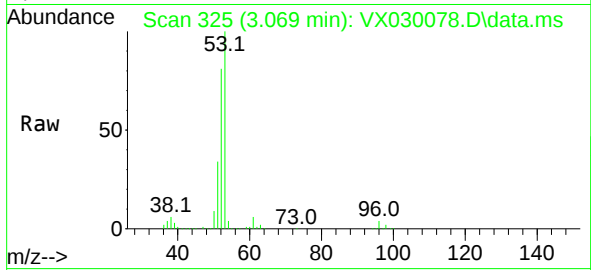
Tgt Ion: 41 Resp: 168705
Ion Ratio Lower Upper
41 100
39 61.9 48.9 73.3
76 33.0 26.9 40.3





#15
Acrylonitrile
Concen: 289.420 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

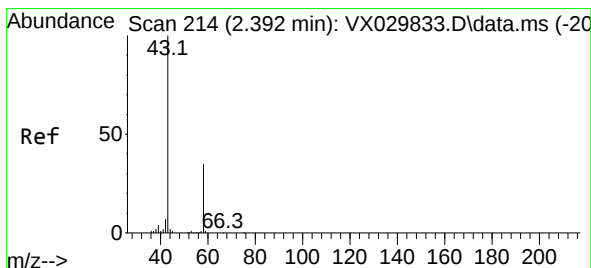
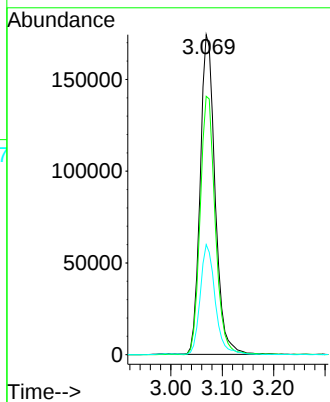
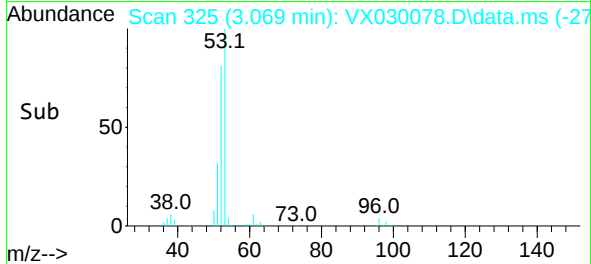
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 351369
Ion Ratio Lower Upper
53 100
52 81.7 65.4 98.0
51 34.5 27.7 41.5

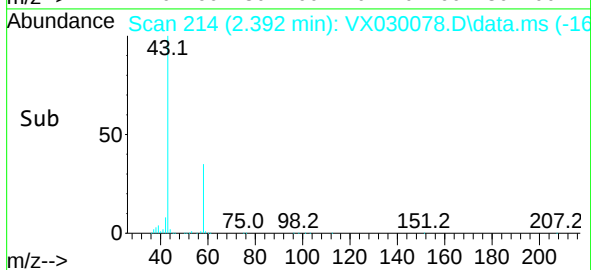
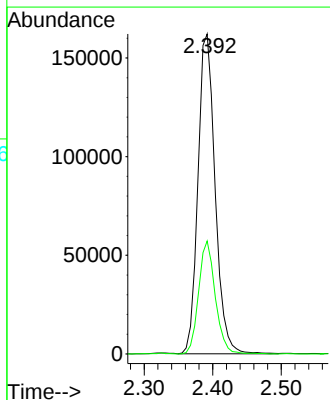
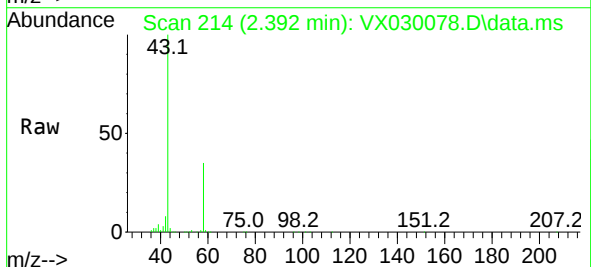
Manual Integrations
APPROVED

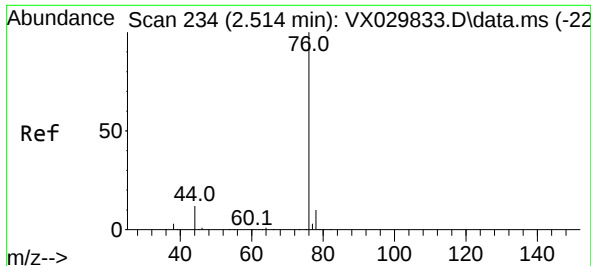
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#16
Acetone
Concen: 289.687 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

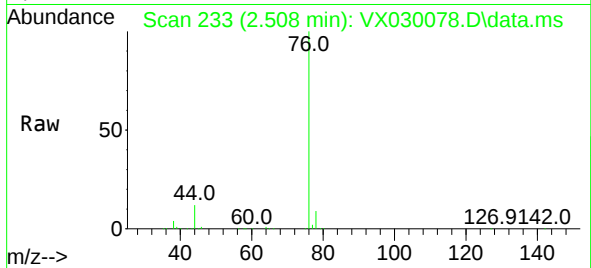
Tgt Ion: 43 Resp: 282530
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5





#17
Carbon Disulfide
Concen: 51.172 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

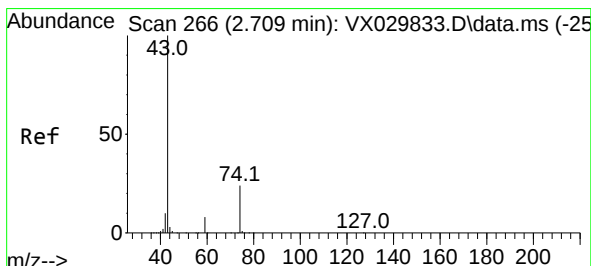
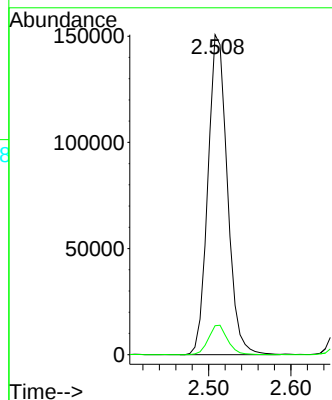
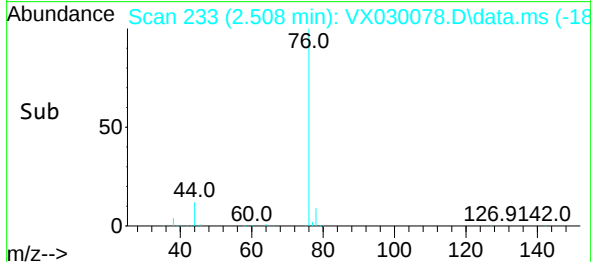
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 24804
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6

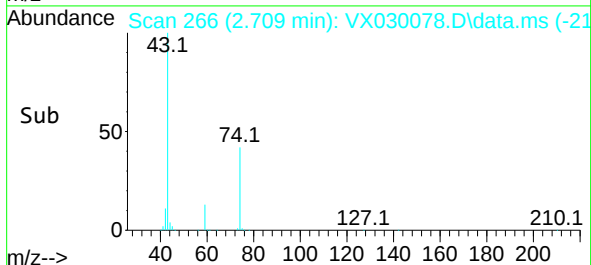
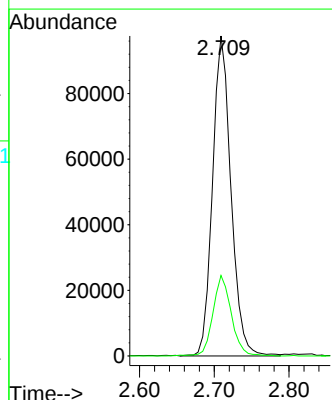
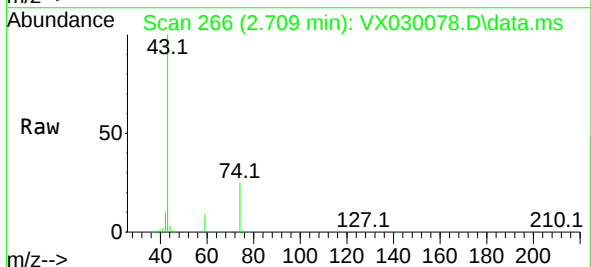
Manual Integrations
APPROVED

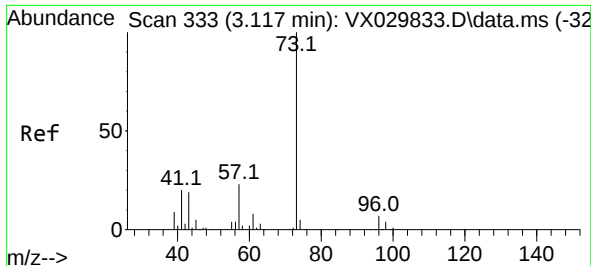
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#18
Methyl Acetate
Concen: 56.447 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

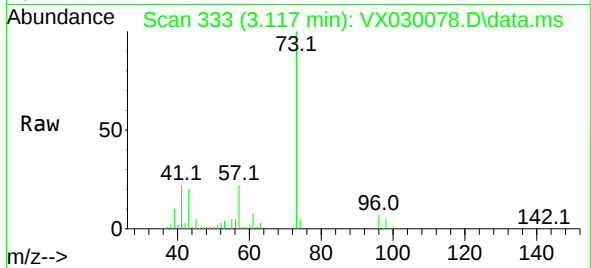
Tgt Ion: 43 Resp: 167478
Ion Ratio Lower Upper
43 100
74 25.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 58.741 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

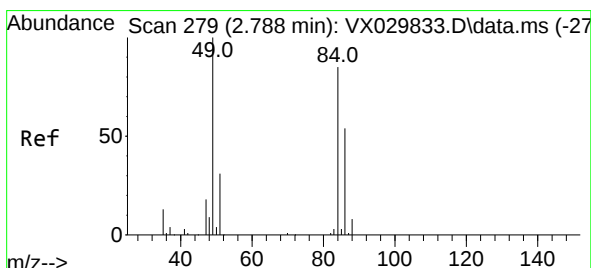
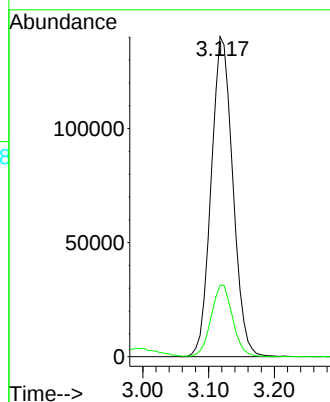
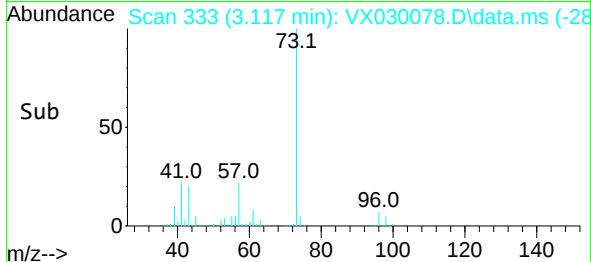
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 32168
Ion Ratio Lower Upper
73 100
57 22.3 19.0 28.6

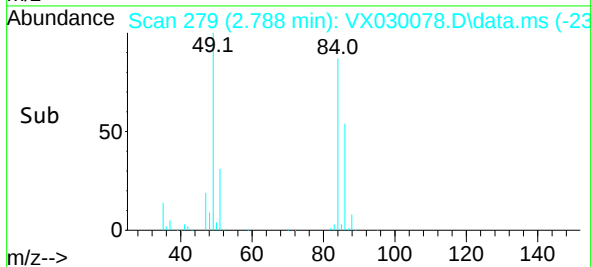
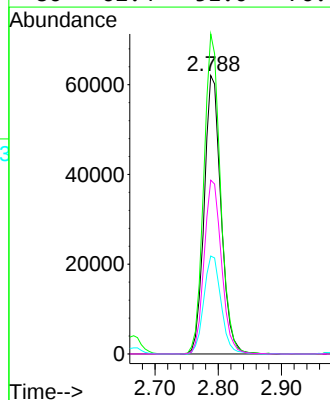
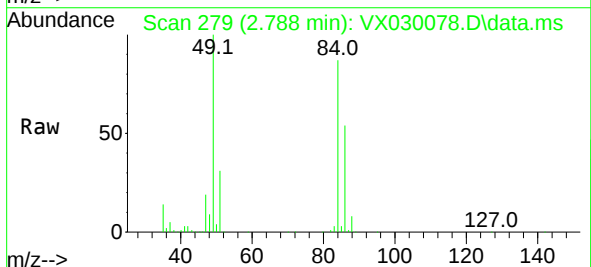
Manual Integrations
APPROVED

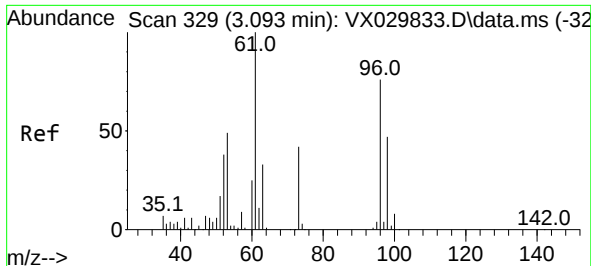
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#20
Methylene Chloride
Concen: 58.391 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

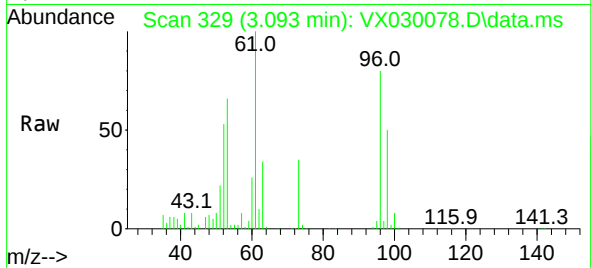
Tgt Ion: 84 Resp: 114512
Ion Ratio Lower Upper
84 100
49 114.9 93.8 140.6
51 35.2 29.4 44.0
86 62.4 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 58.859 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

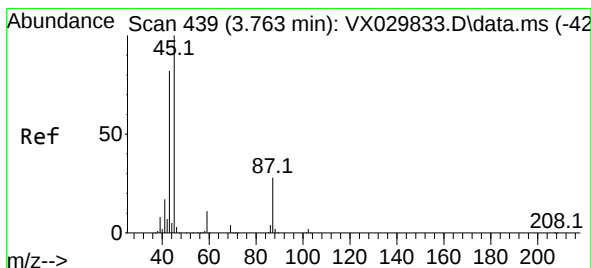
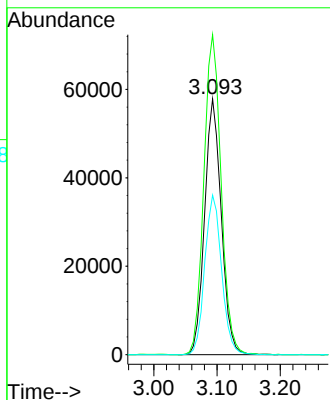
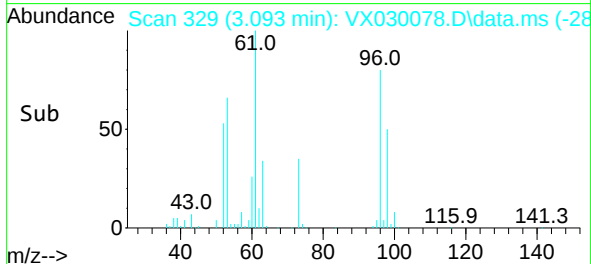
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



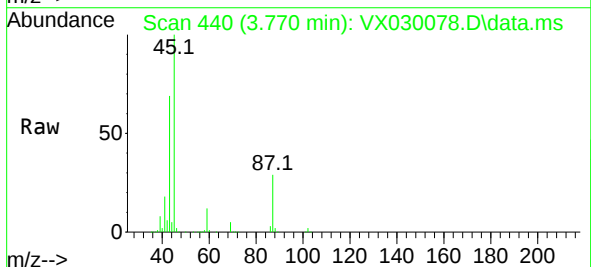
Tgt Ion: 96 Resp: 10629
Ion Ratio Lower Upper
96 100
61 125.1 105.6 158.4
98 62.4 50.1 75.1

Manual Integrations
APPROVED

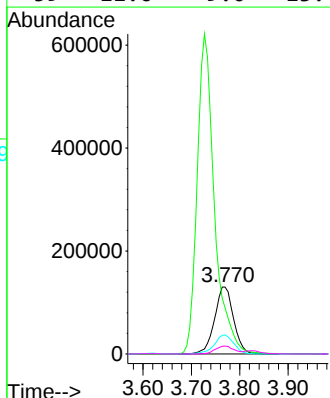
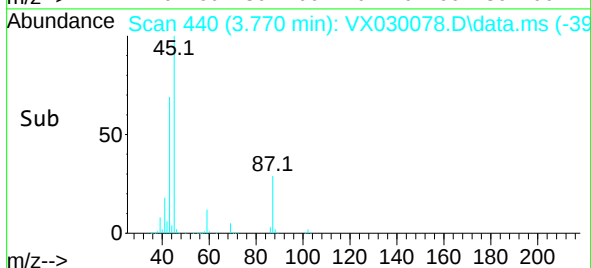
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

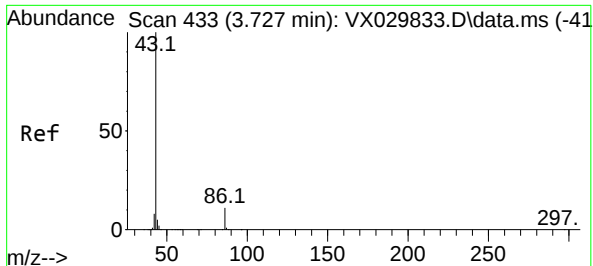


#22
Diisopropyl ether
Concen: 59.748 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



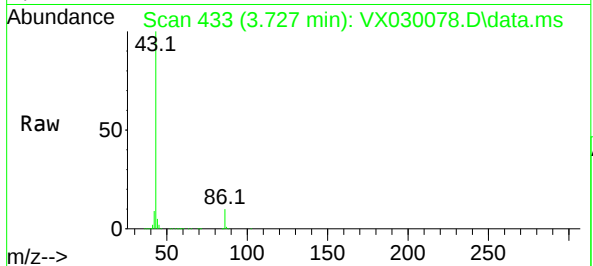
Tgt Ion: 45 Resp: 354086
Ion Ratio Lower Upper
45 100
43 68.8 65.4 98.0
87 28.5 22.3 33.5
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 308.054 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030078.D
 Acq: 14 Jul 2022 22:02

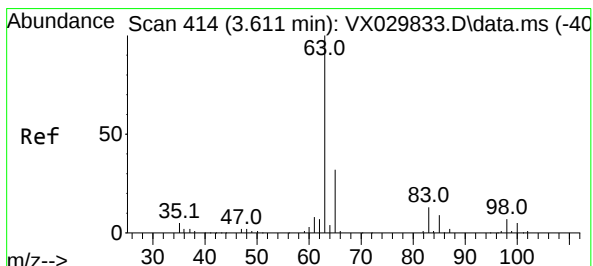
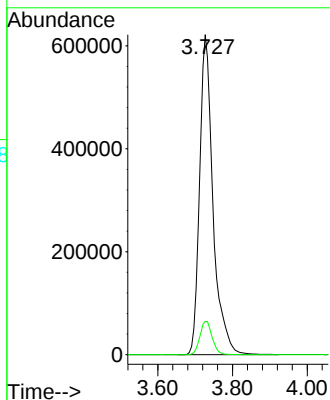
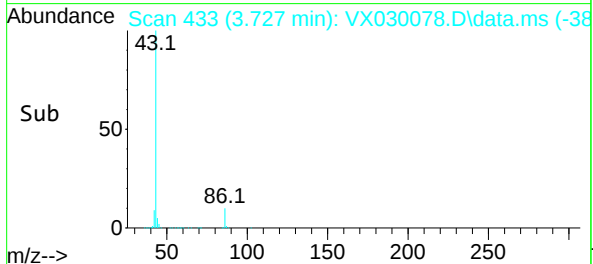
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



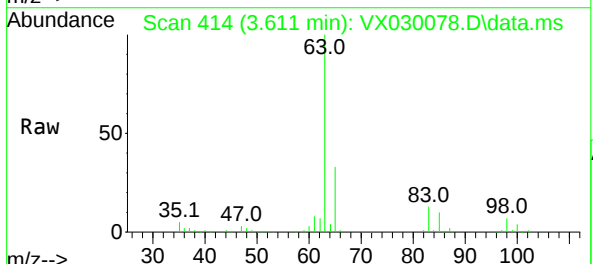
Tgt Ion: 43 Resp: 154550
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

Manual Integrations
 APPROVED

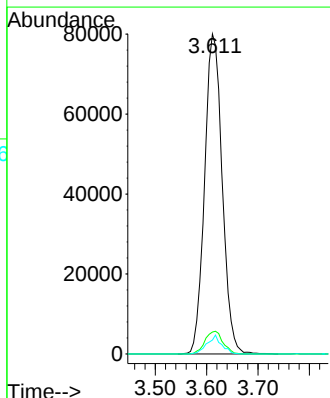
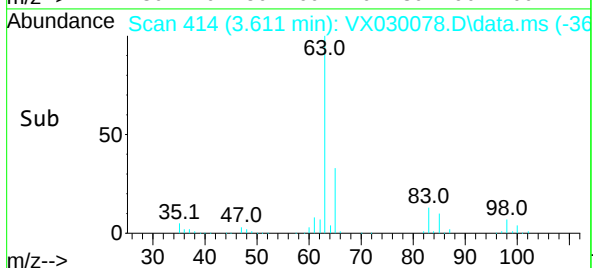
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

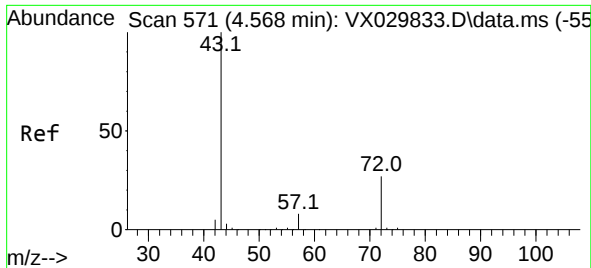


#24
 1,1-Dichloroethane
 Concen: 57.863 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030078.D
 Acq: 14 Jul 2022 22:02



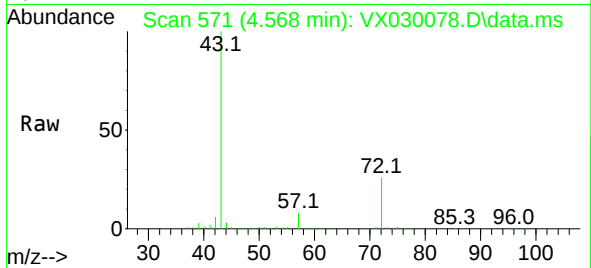
Tgt Ion: 63 Resp: 190022
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 293.356 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

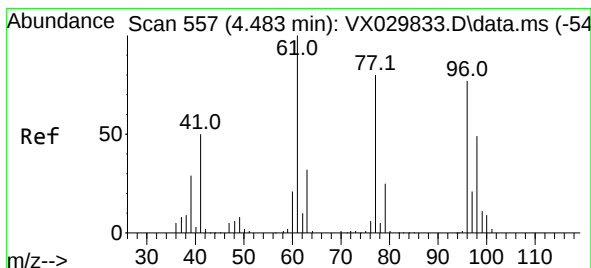
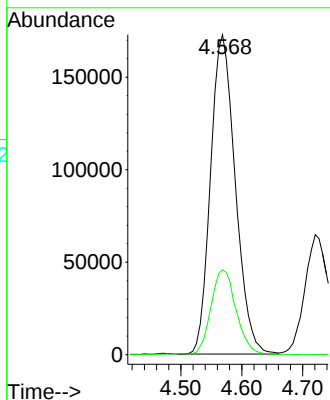
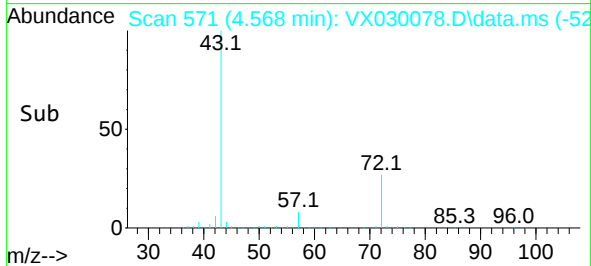
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 487368
Ion Ratio Lower Upper
43 100
72 26.4 21.7 32.5

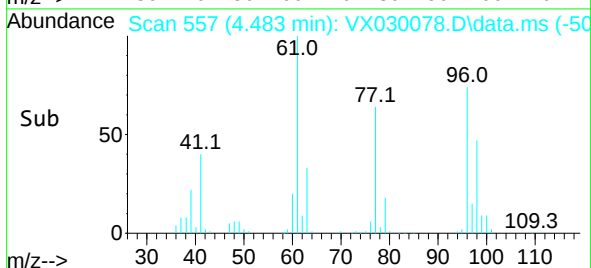
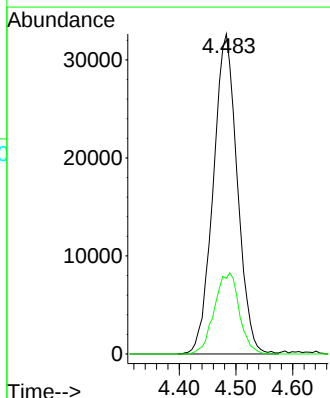
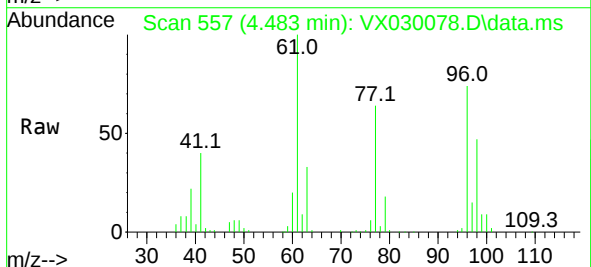
Manual Integrations
APPROVED

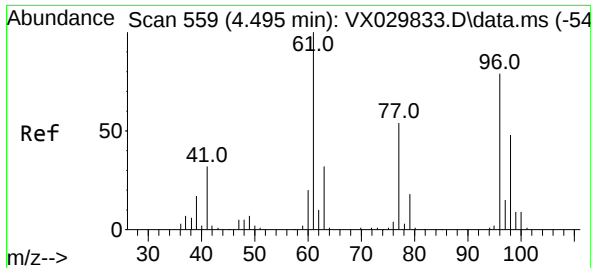
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#26
2,2-Dichloropropane
Concen: 41.719 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Tgt Ion: 77 Resp: 96241
Ion Ratio Lower Upper
77 100
97 26.2 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 55.825 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 123454

Ion Ratio Lower Upper

96 100

61 130.2 0.0 270.0

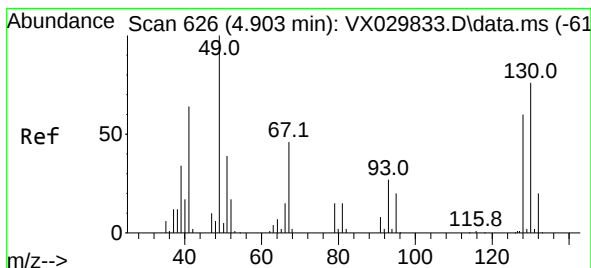
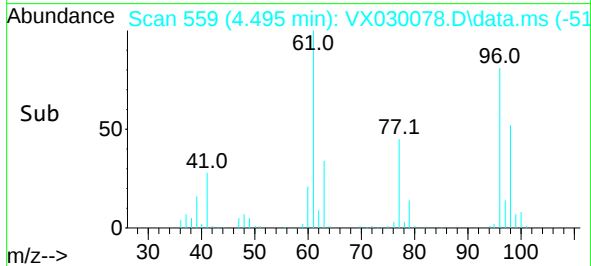
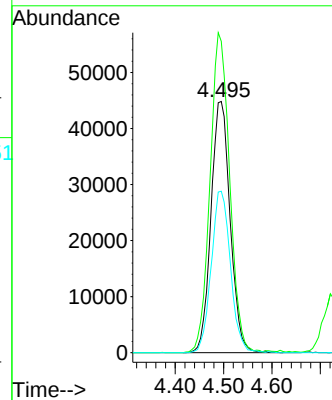
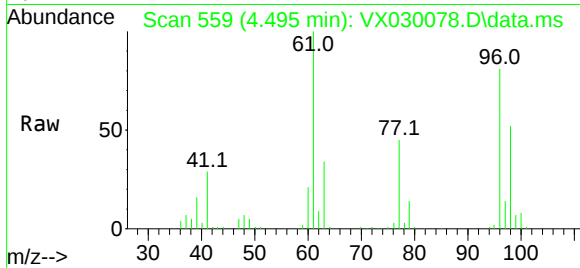
98 64.4 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#28

Bromochloromethane

Concen: 56.550 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.001 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

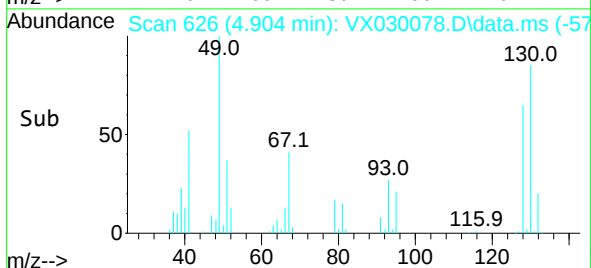
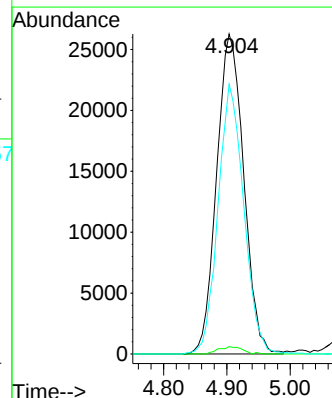
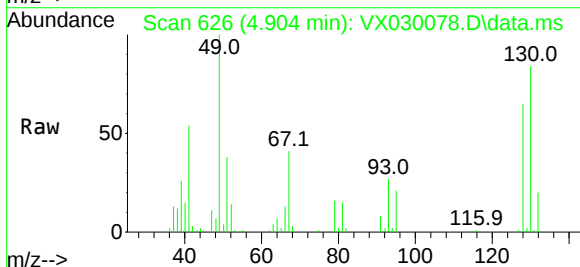
Tgt Ion: 49 Resp: 78128

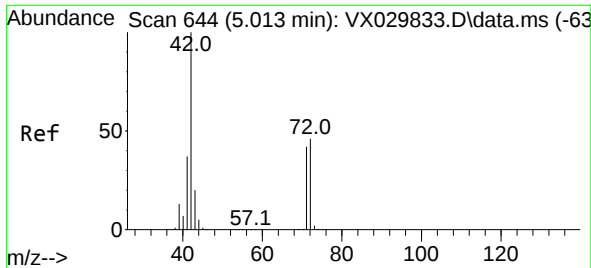
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 80.2 62.8 94.2





#29

Tetrahydrofuran

Concen: 292.087 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 32932

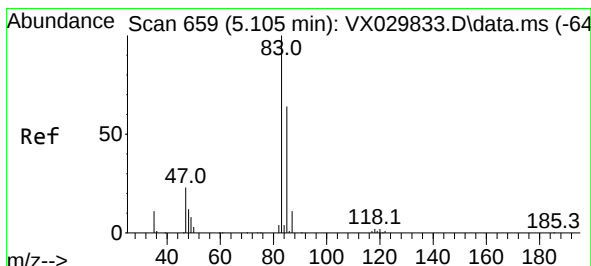
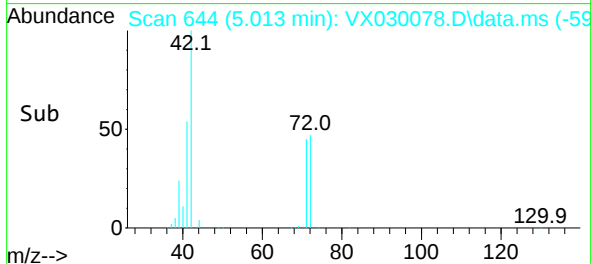
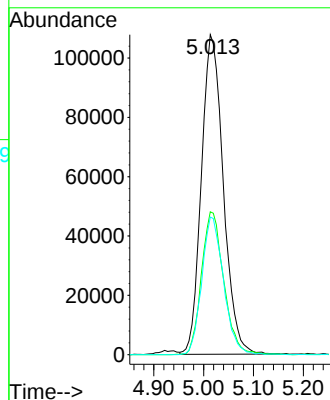
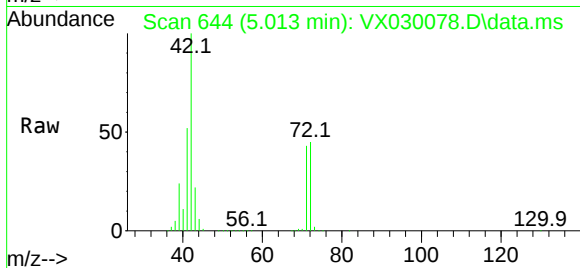
Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.5	54.7
71	42.6	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#30

Chloroform

Concen: 58.677 ug/l

RT: 5.099 min Scan# 658

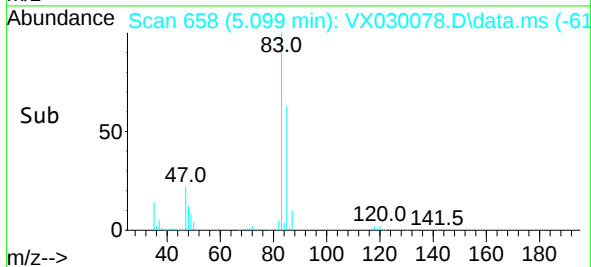
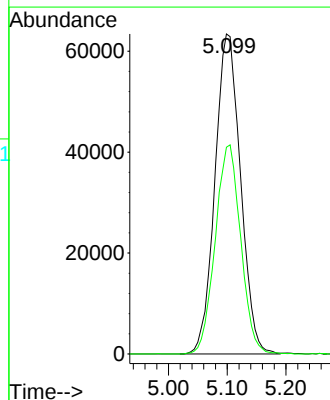
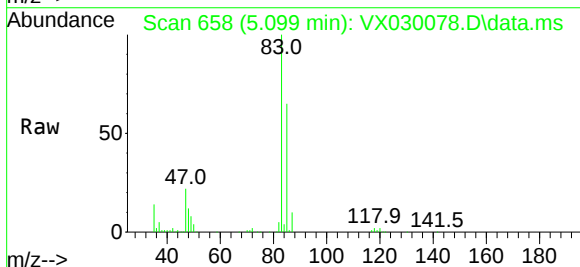
Delta R.T. -0.006 min

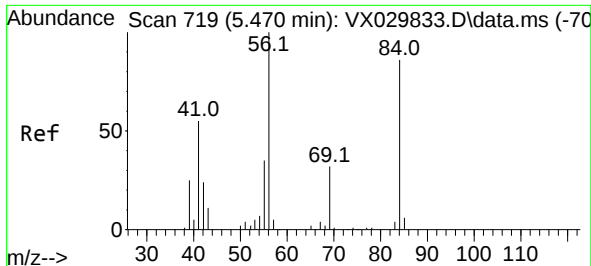
Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Tgt Ion: 83 Resp: 192031

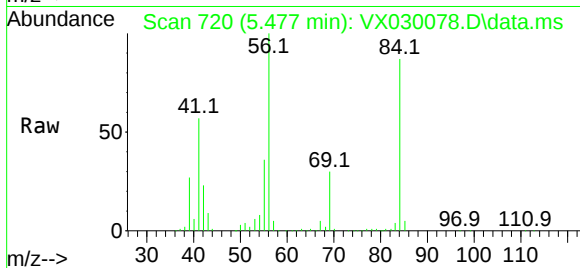
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





#31
Cyclohexane
Concen: 57.504 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

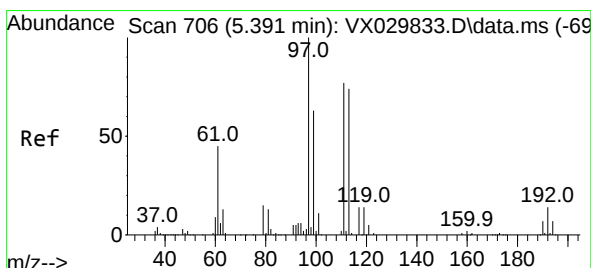
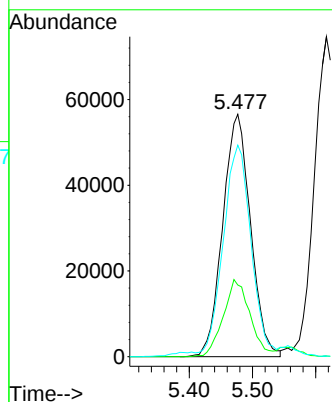
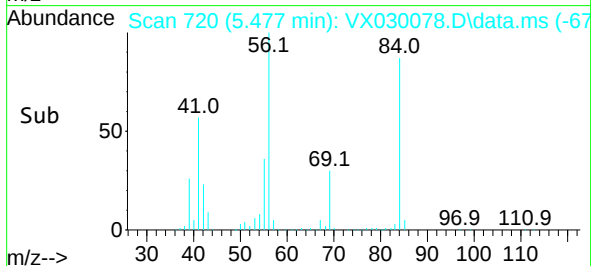
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 172539
Ion Ratio Lower Upper
56 100
69 29.6 25.4 38.0
84 85.4 68.9 103.3

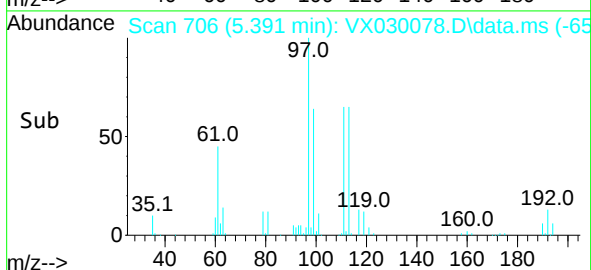
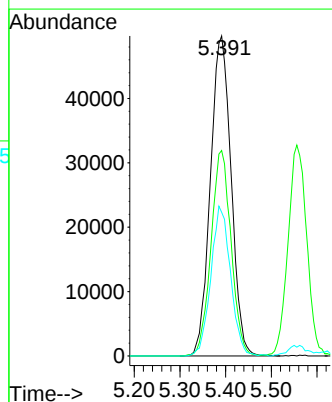
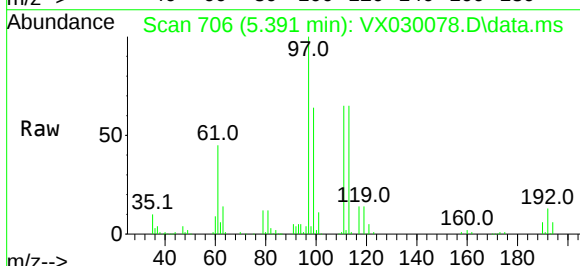
Manual Integrations
APPROVED

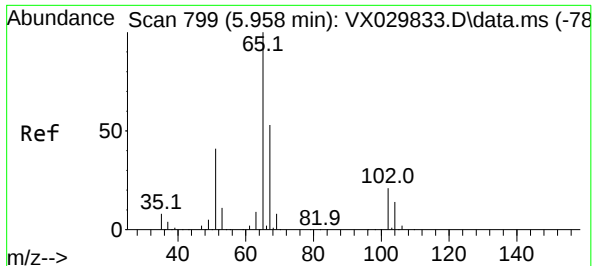
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#32
1,1,1-Trichloroethane
Concen: 58.461 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Tgt Ion: 97 Resp: 156372
Ion Ratio Lower Upper
97 100
99 62.2 51.4 77.0
61 44.5 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.779 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10510

Ion Ratio Lower Upper

65 100

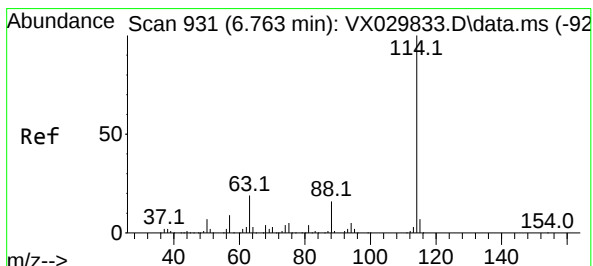
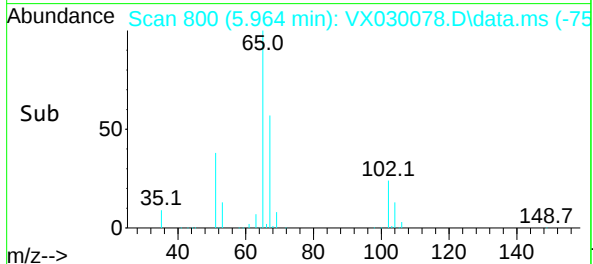
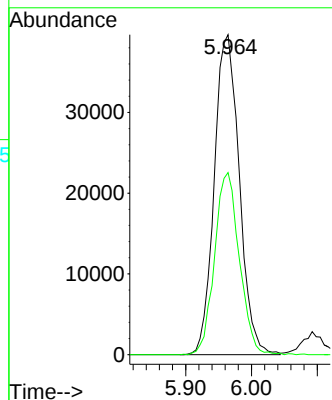
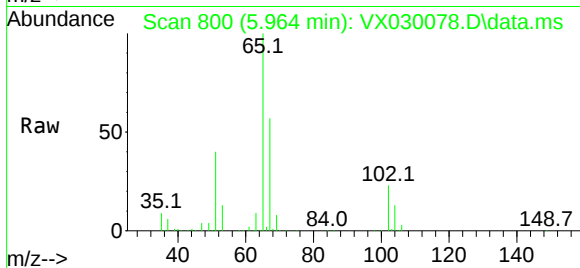
67 56.2 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

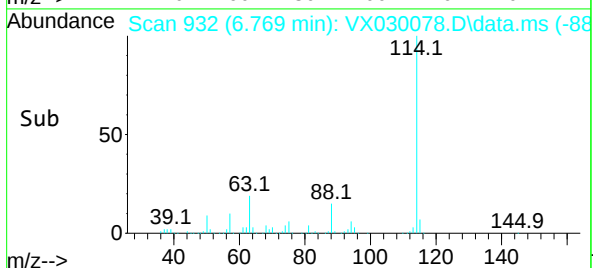
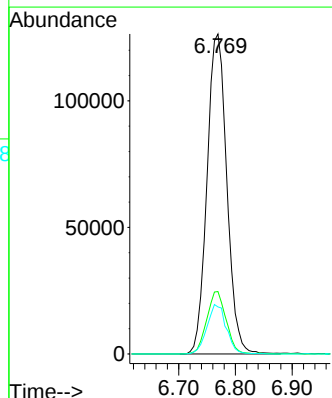
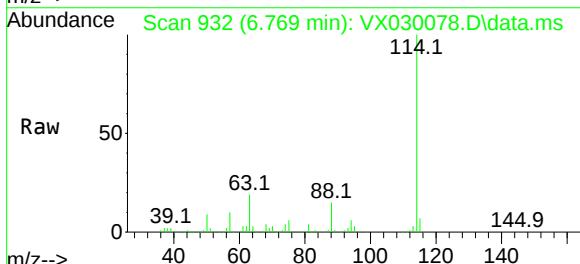
Tgt Ion:114 Resp: 306687

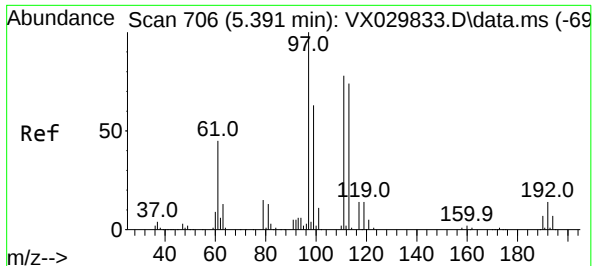
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.982 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030078.D

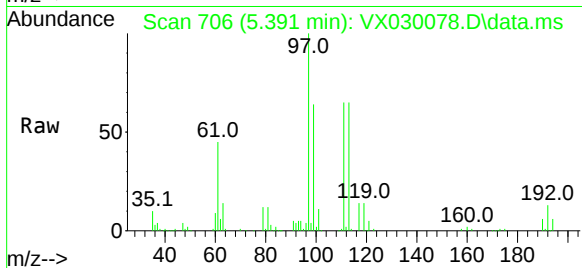
Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



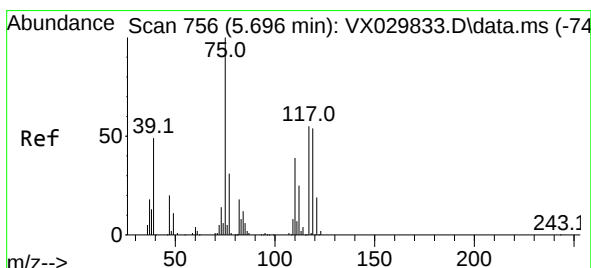
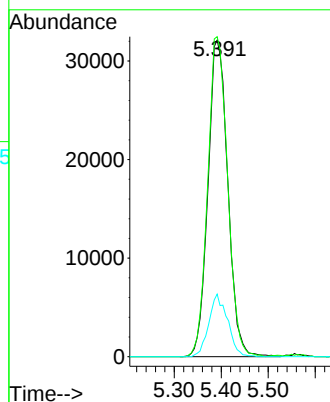
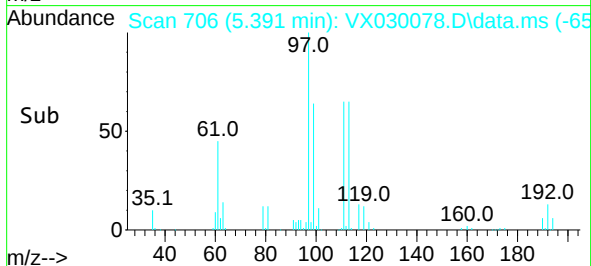
Tgt Ion:	113	Resp:	9400
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.2	124.8
192	18.8	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#36

1,1-Dichloropropene

Concen: 55.345 ug/l

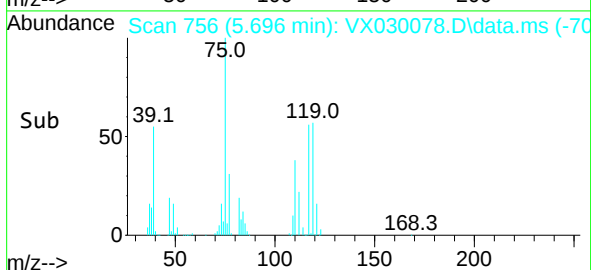
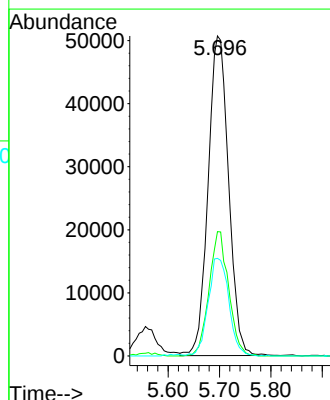
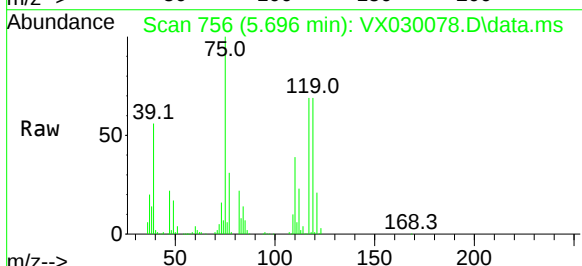
RT: 5.696 min Scan# 756

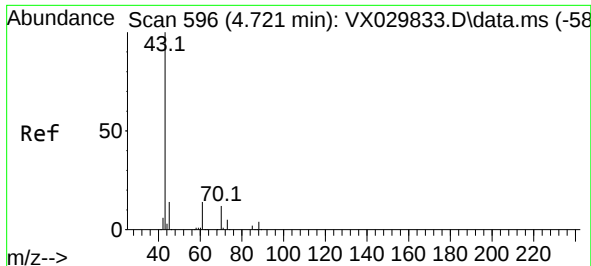
Delta R.T. 0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Tgt Ion:	75	Resp:	140061
Ion	Ratio	Lower	Upper
75	100		
110	37.3	19.3	57.9
77	30.9	24.4	36.6





#37

Ethyl Acetate

Concen: 56.398 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18340

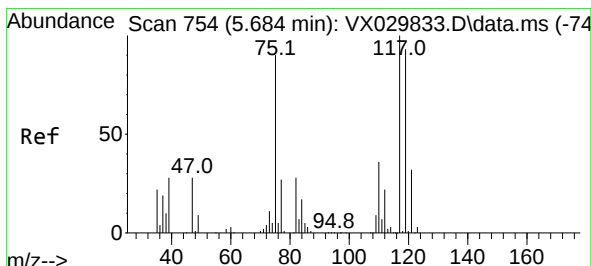
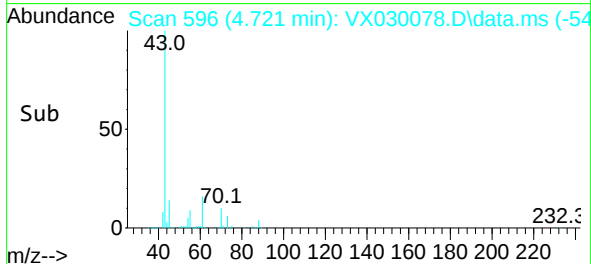
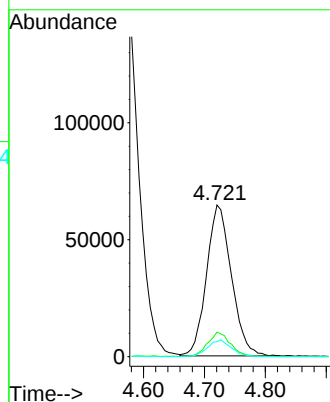
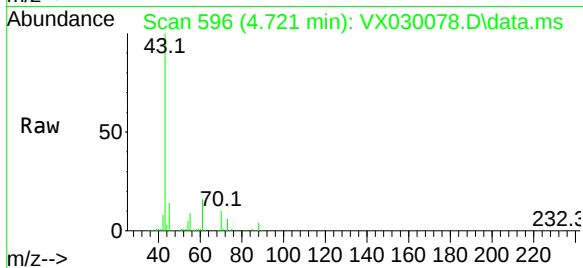
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.7	17.5
70	10.5	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#38

Carbon Tetrachloride

Concen: 54.013 ug/l

RT: 5.678 min Scan# 753

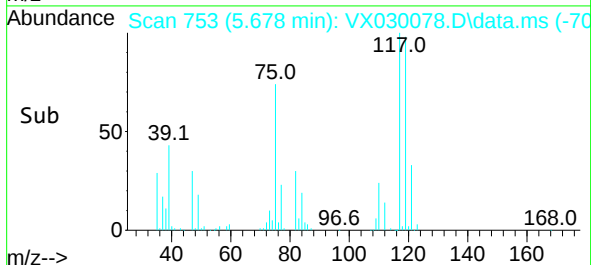
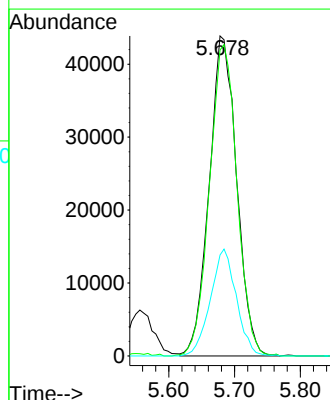
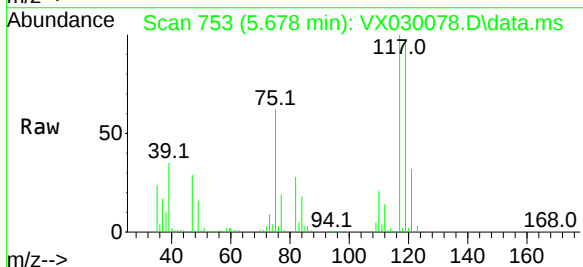
Delta R.T. -0.006 min

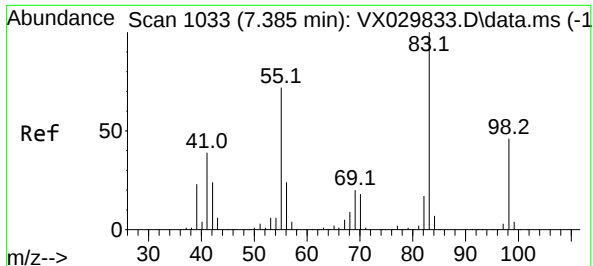
Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Tgt Ion:117 Resp: 127470

Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.1	111.1
121	31.5	25.8	38.8





#39

Methylcyclohexane

Concen: 55.472 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 17796

Ion Ratio Lower Upper

83 100

55 70.4 57.7 86.5

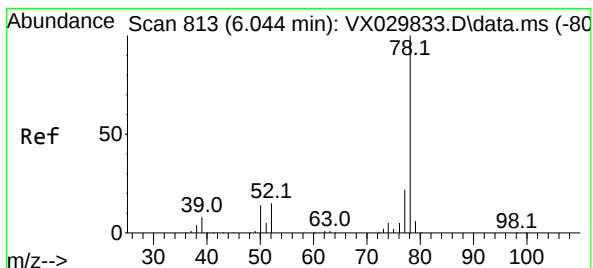
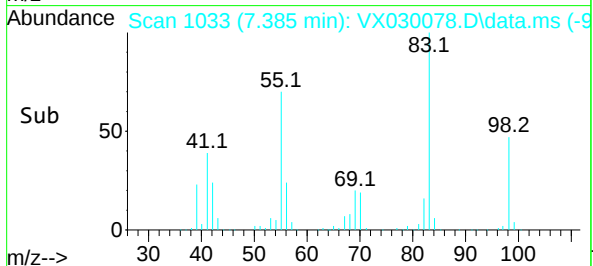
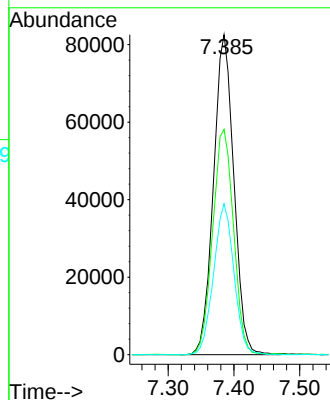
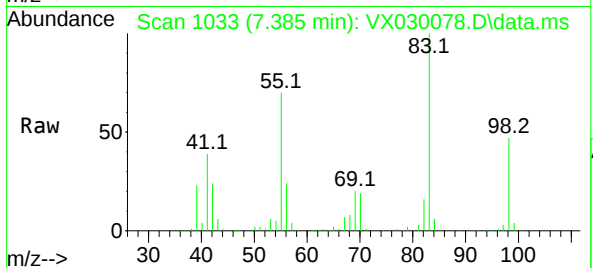
98 47.2 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#40

Benzene

Concen: 56.018 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX030078.D

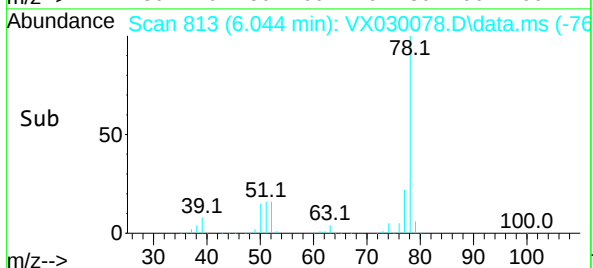
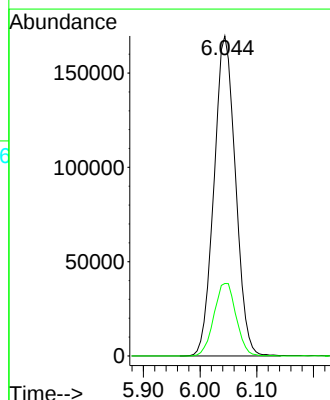
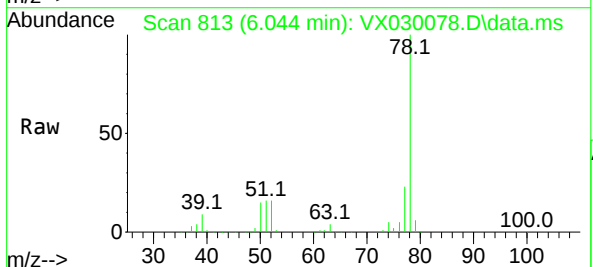
Acq: 14 Jul 2022 22:02

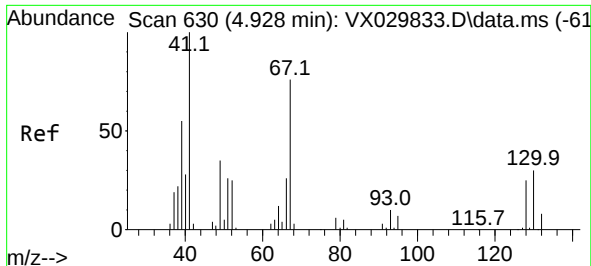
Tgt Ion: 78 Resp: 446201

Ion Ratio Lower Upper

78 100

77 22.7 18.0 27.0





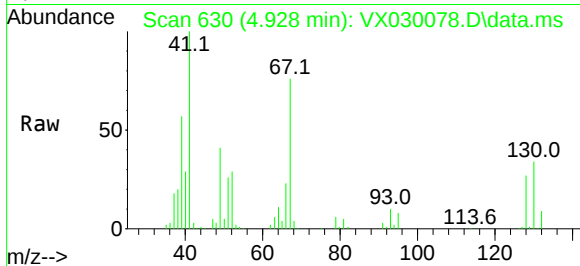
#41
Methacrylonitrile
Concen: 57.667 ug/l
RT: 4.928 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



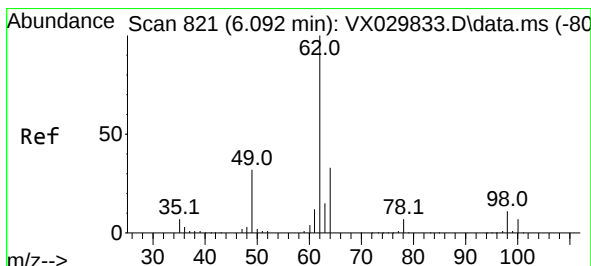
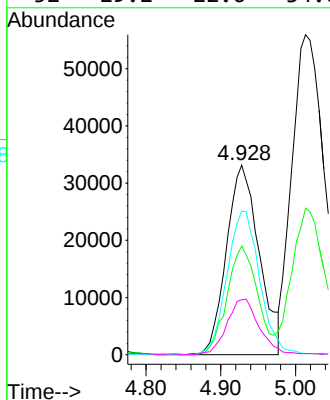
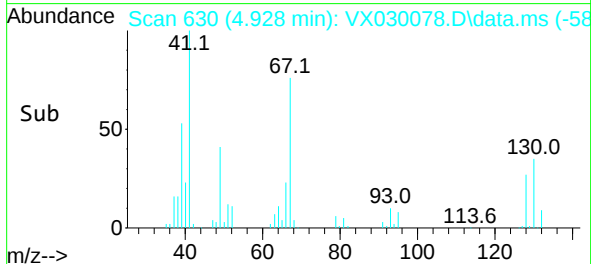
Tgt Ion: 41 Resp: 100972
Ion Ratio Lower Upper
41 100
39 53.3 42.9 64.3
67 75.5 60.1 90.1
52 29.2 22.6 34.0

Manual Integrations

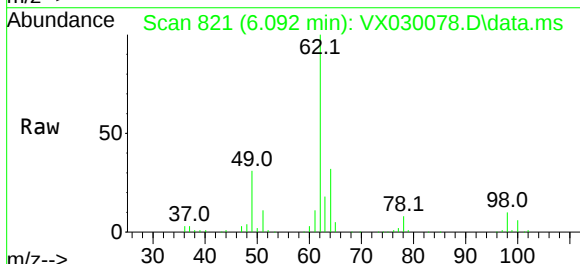
APPROVED

Reviewed By :John Carlone 07/15/2022

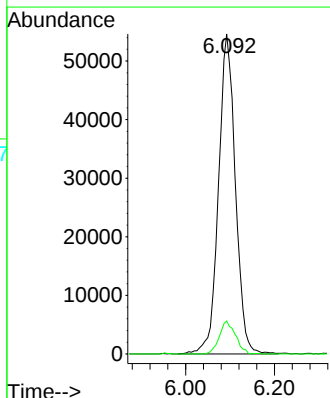
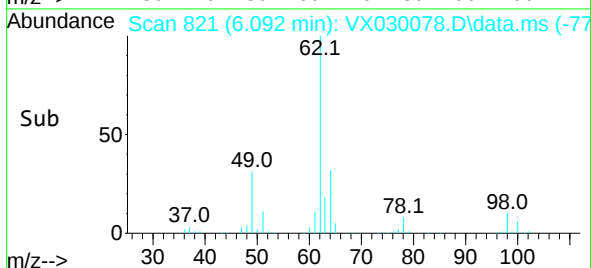
Supervised By :Mahesh Dadoda 07/15/2022

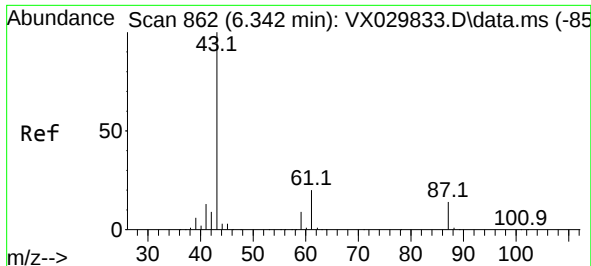


#42
1,2-Dichloroethane
Concen: 58.174 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



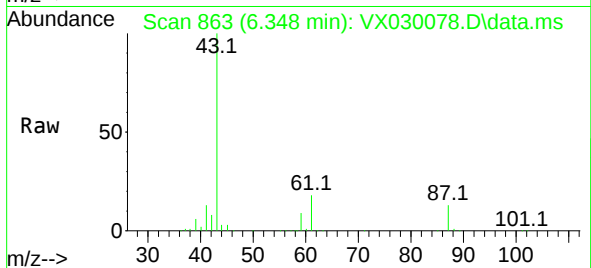
Tgt Ion: 62 Resp: 143607
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 58.126 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

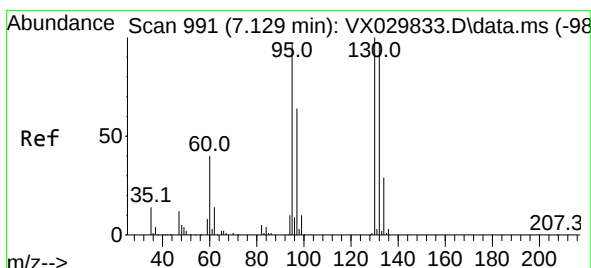
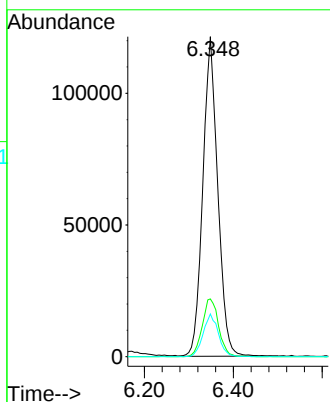
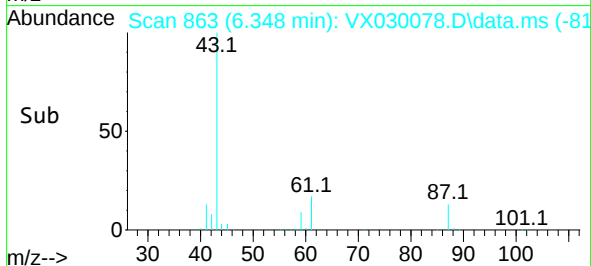
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 284230
Ion Ratio Lower Upper
43 100
61 19.8 16.5 24.7
87 13.6 11.1 16.7

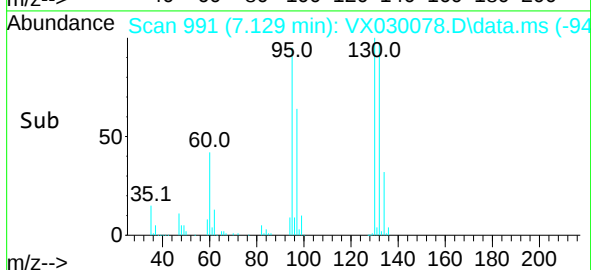
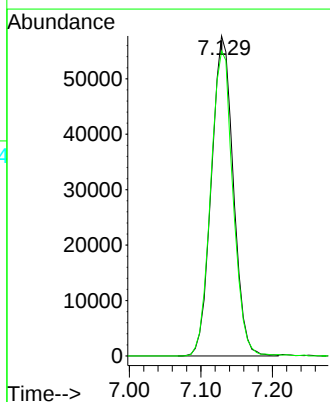
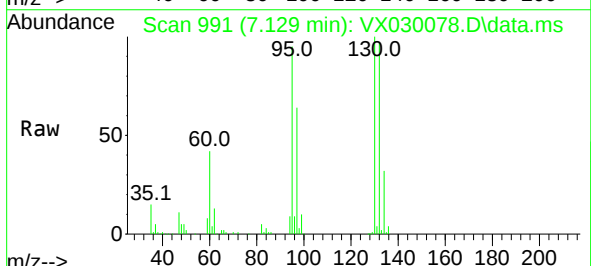
Manual Integrations
APPROVED

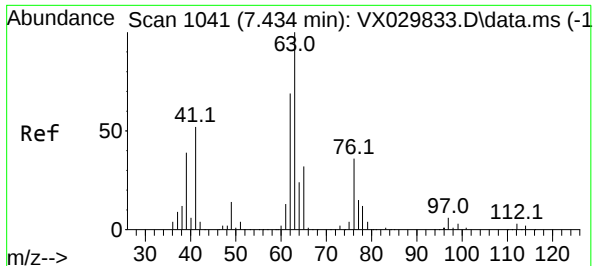
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#44
Trichloroethene
Concen: 52.732 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Tgt Ion:130 Resp: 122738
Ion Ratio Lower Upper
130 100
95 95.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 56.347 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11666

Ion Ratio Lower Upper

63 100

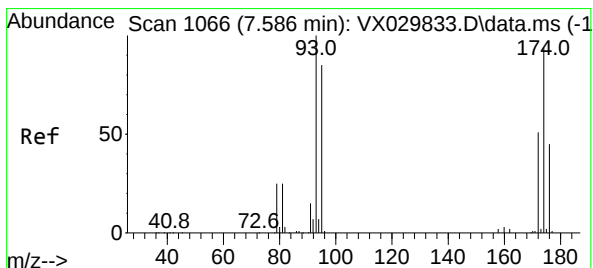
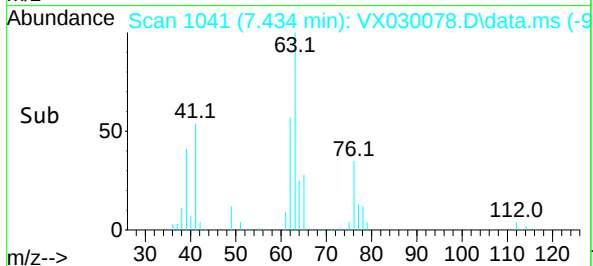
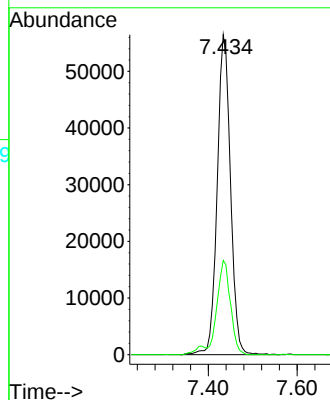
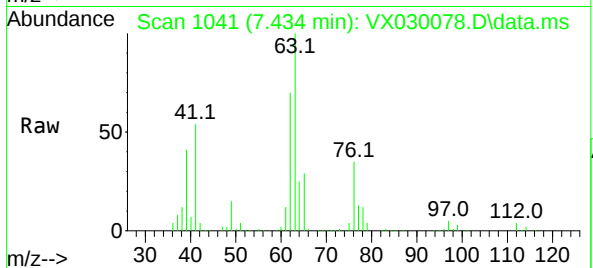
65 29.5 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#46

Dibromomethane

Concen: 55.913 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

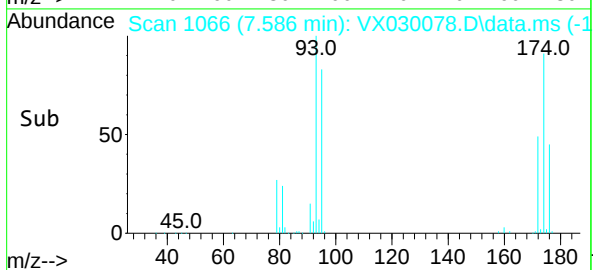
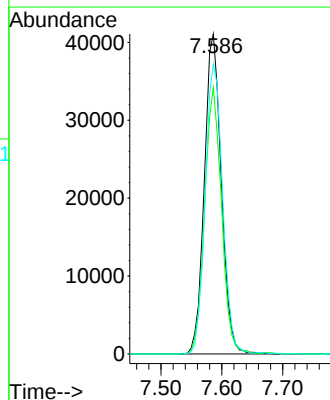
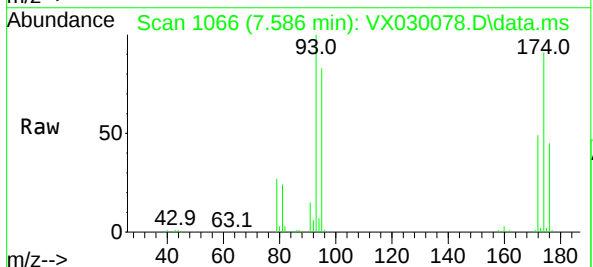
Tgt Ion: 93 Resp: 79676

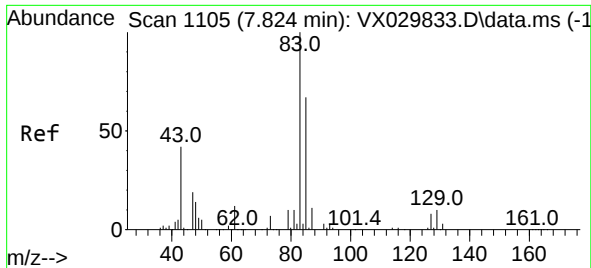
Ion Ratio Lower Upper

93 100

95 82.7 67.4 101.0

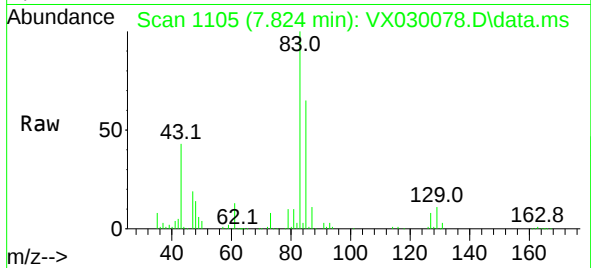
174 92.6 75.6 113.4





#47
Bromodichloromethane
Concen: 55.853 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

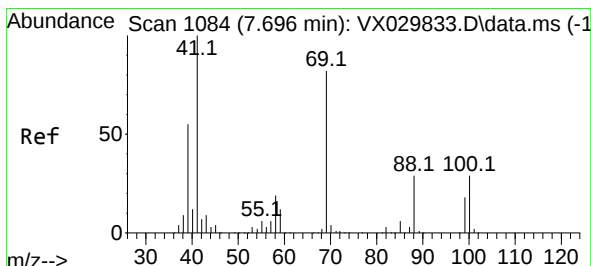
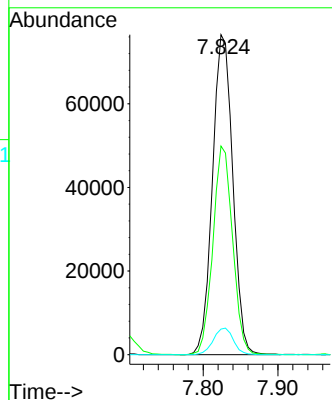
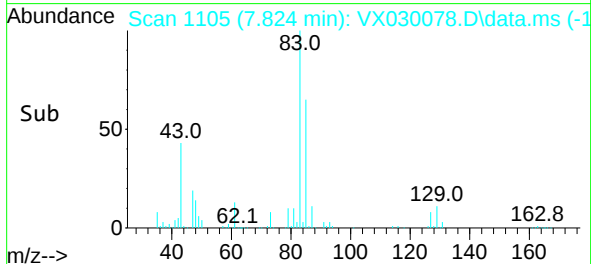
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



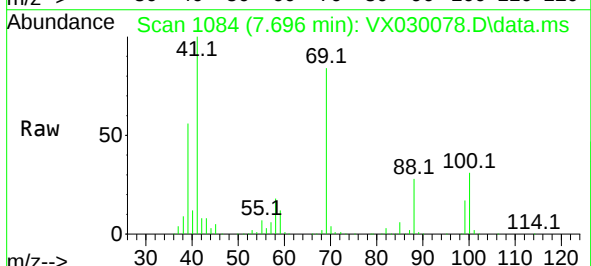
Tgt Ion: 83 Resp: 144418
Ion Ratio Lower Upper
83 100
85 65.2 53.5 80.3
127 8.0 6.6 10.0

Manual Integrations
APPROVED

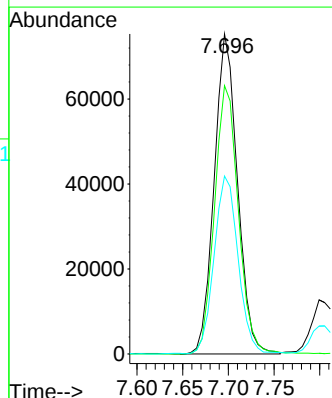
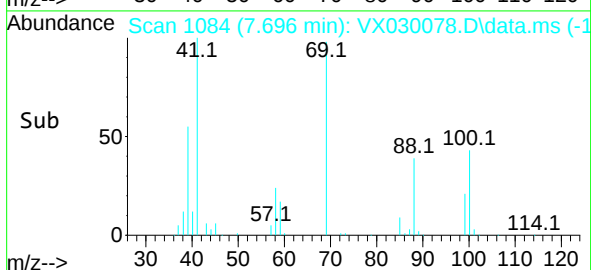
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

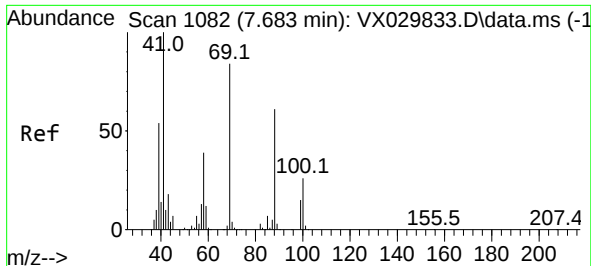


#48
Methyl methacrylate
Concen: 59.111 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



Tgt Ion: 41 Resp: 133370
Ion Ratio Lower Upper
41 100
69 86.1 68.8 103.2
39 57.3 44.6 66.8





#49

1,4-Dioxane

Concen: 1107.281 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.001 min

Lab File: VX030078.D

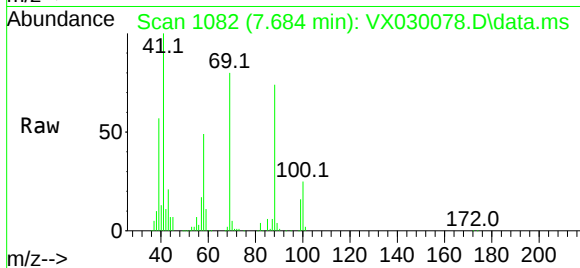
Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



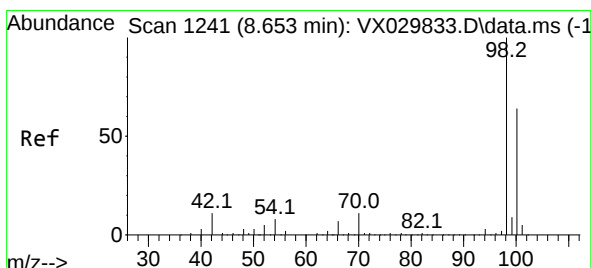
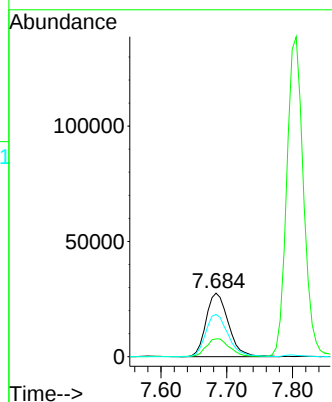
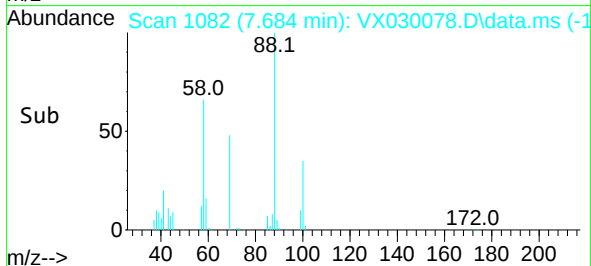
Tgt Ion:	88	Resp:	64908
Ion	Ratio	Lower	Upper
88	100		
43	30.0	23.8	35.8
58	67.2	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#50

Toluene-d8

Concen: 49.259 ug/l

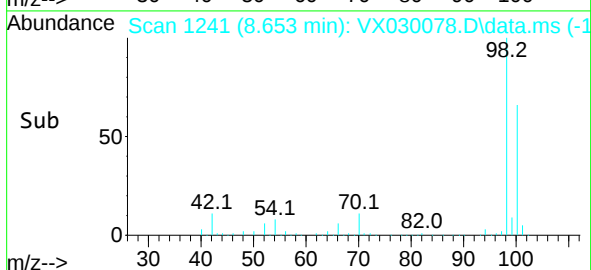
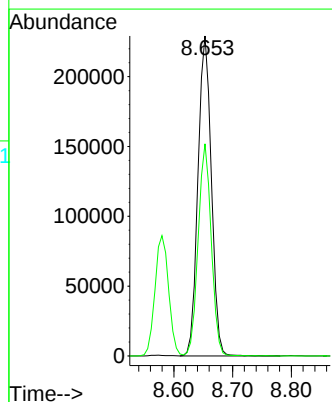
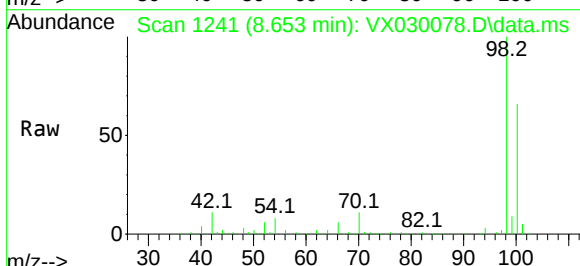
RT: 8.653 min Scan# 1241

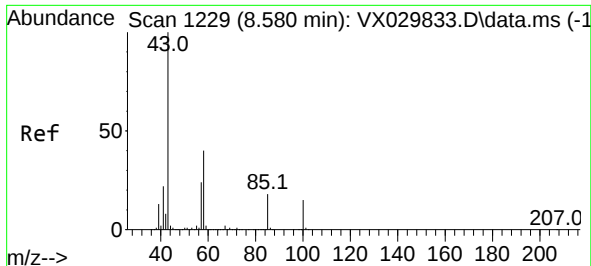
Delta R.T. -0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Tgt Ion:	98	Resp:	362966
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5





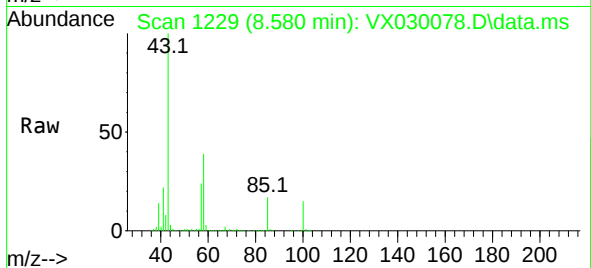
#51
4-Methyl-2-Pentanone
Concen: 289.517 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



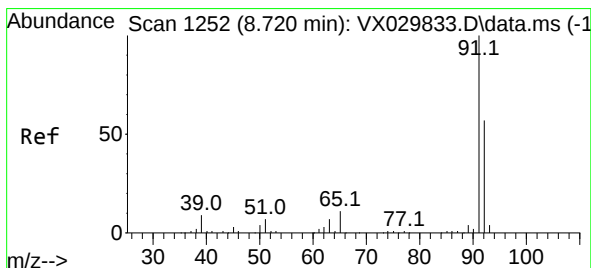
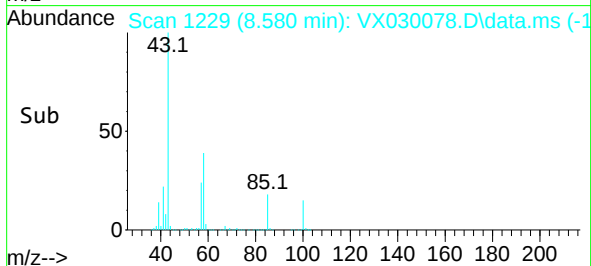
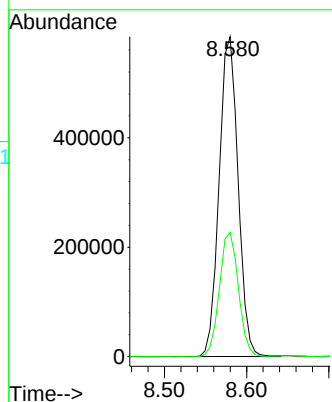
Tgt Ion: 43 Resp: 936820
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2

Manual Integrations

APPROVED

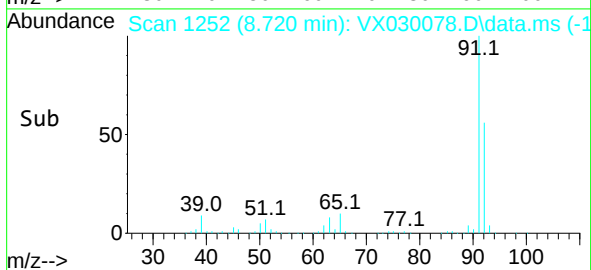
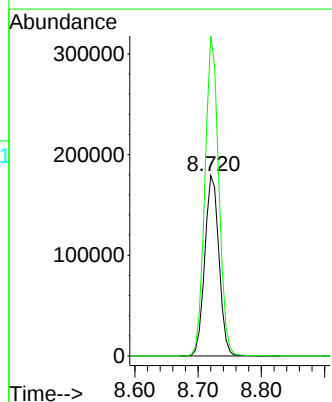
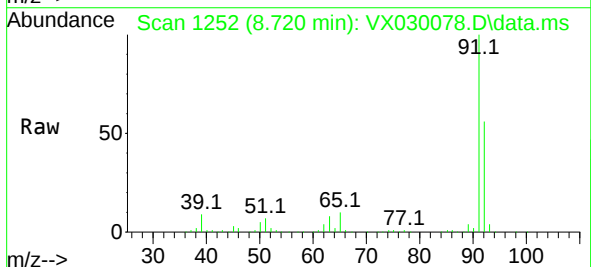
Reviewed By :John Carlone 07/15/2022

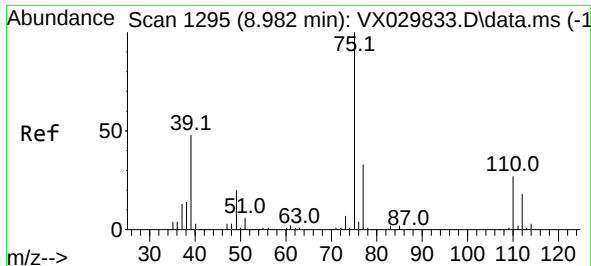
Supervised By :Mahesh Dadoda 07/15/2022



#52
Toluene
Concen: 55.348 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Tgt Ion: 92 Resp: 279954
Ion Ratio Lower Upper
92 100
91 172.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 54.889 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 147424

Ion Ratio Lower Upper

75 100

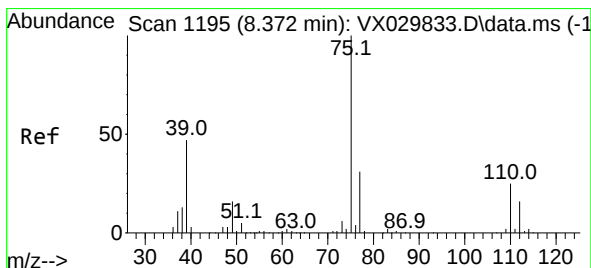
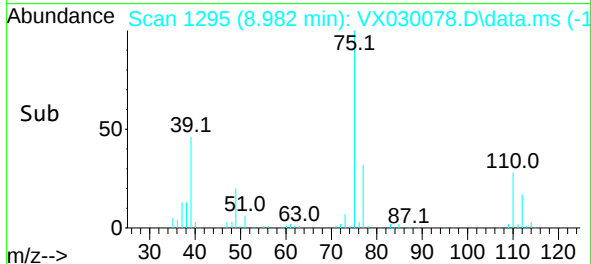
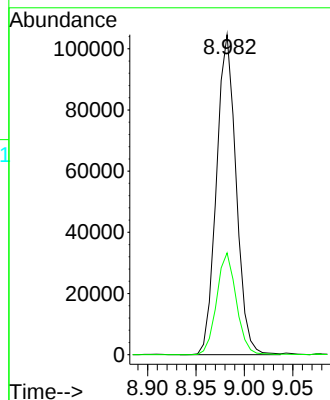
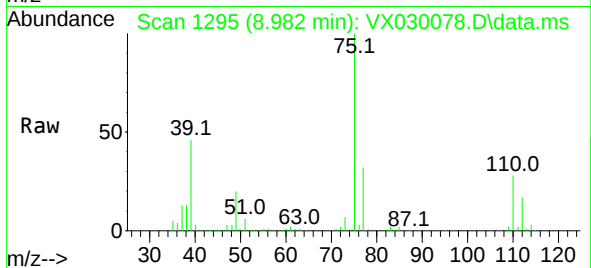
77 31.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#54

cis-1,3-Dichloropropene

Concen: 53.150 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

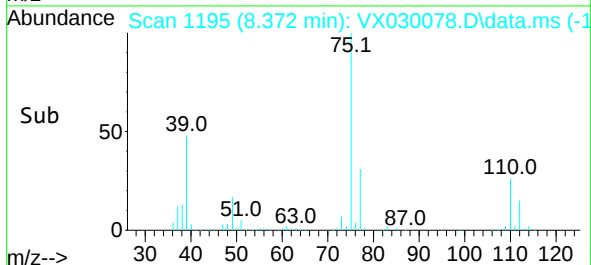
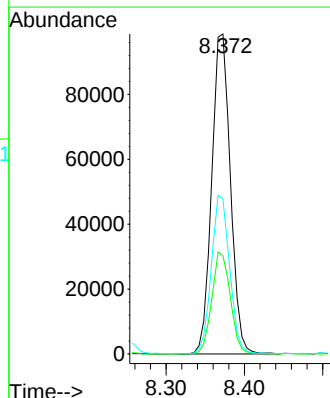
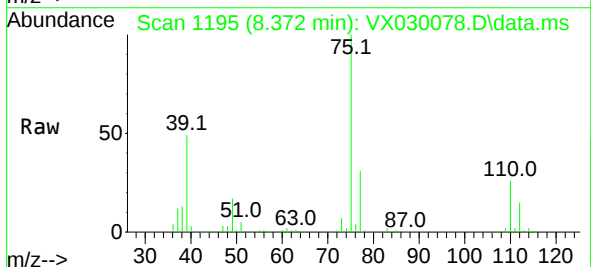
Tgt Ion: 75 Resp: 163537

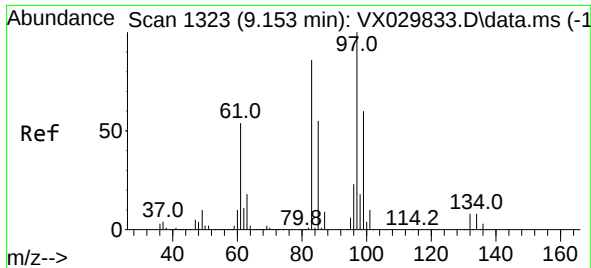
Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4

39 48.4 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 56.071 ug/l
RT: 9.153 min Scan# 11695
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

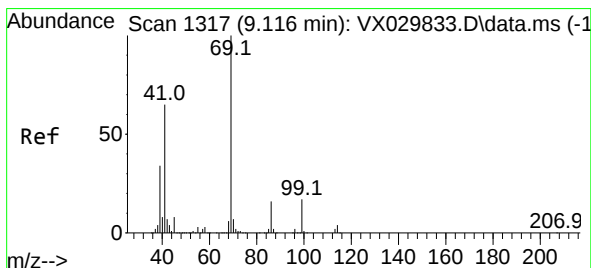
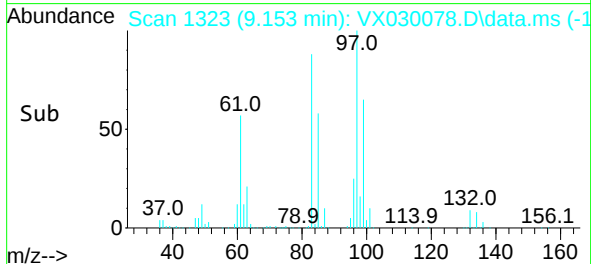
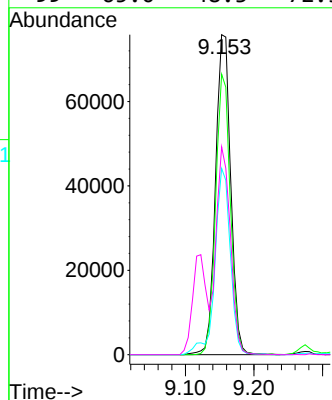
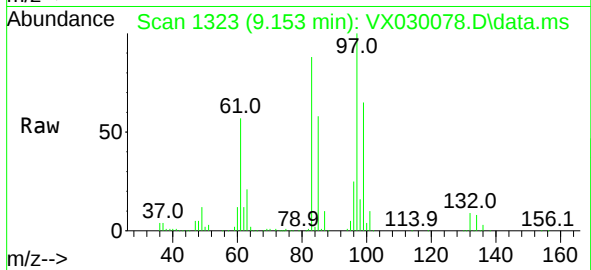
Tgt Ion: 97 Resp: 11695
Ion Ratio Lower Upper
97 100
83 87.6 68.9 103.3
85 58.2 44.0 66.0
99 65.0 48.3 72.5

Manual Integrations

APPROVED

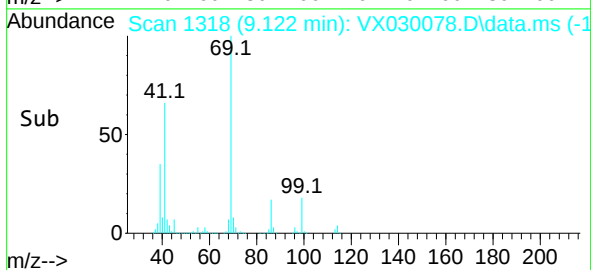
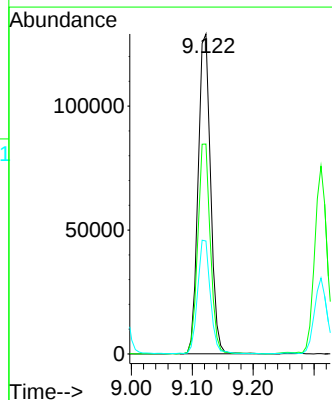
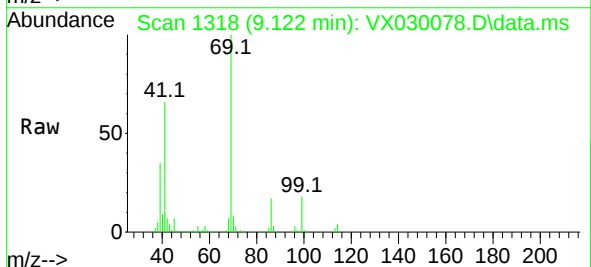
Reviewed By :John Carlone 07/15/2022

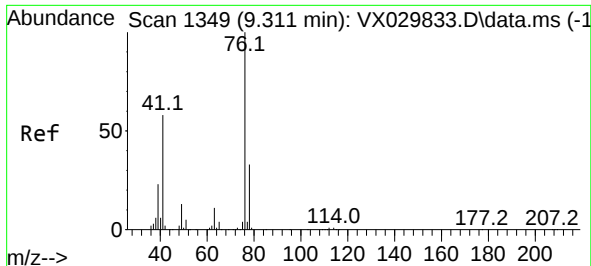
Supervised By :Mahesh Dadoda 07/15/2022



#56
Ethyl methacrylate
Concen: 58.397 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Tgt Ion: 69 Resp: 183135
Ion Ratio Lower Upper
69 100
41 66.1 52.3 78.5
39 36.2 28.2 42.4





#57

1,3-Dichloropropane

Concen: 56.954 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 18871

Ion Ratio Lower Upper

76 100

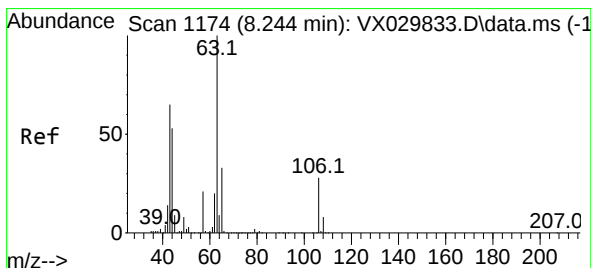
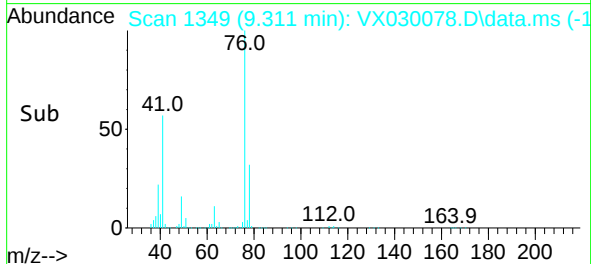
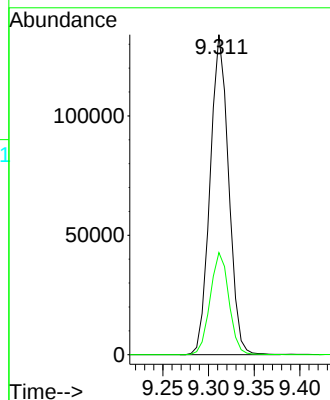
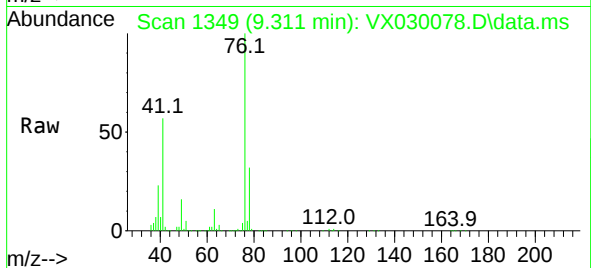
78 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 275.077 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030078.D

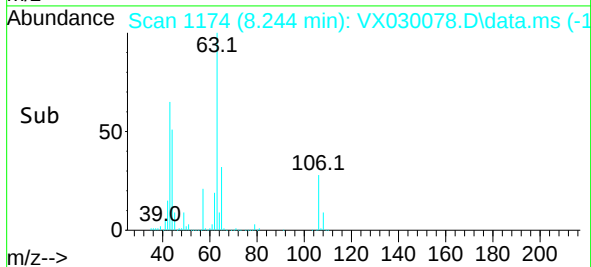
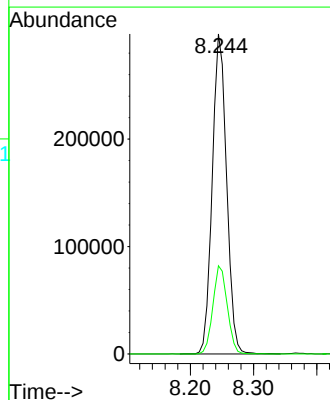
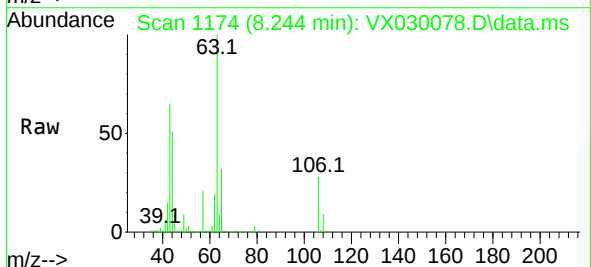
Acq: 14 Jul 2022 22:02

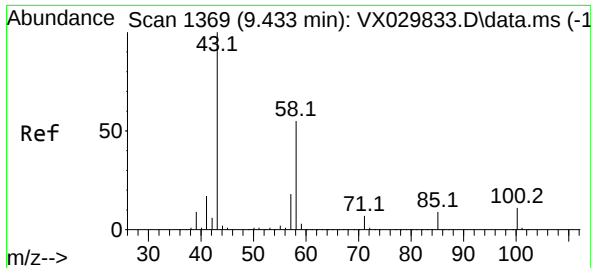
Tgt Ion: 63 Resp: 468424

Ion Ratio Lower Upper

63 100

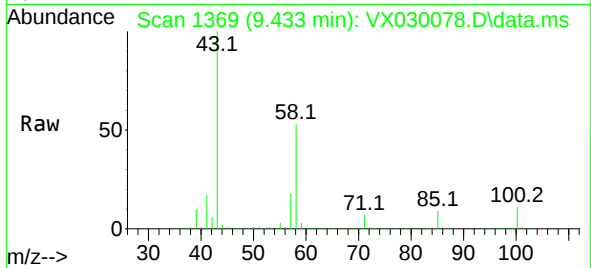
106 27.6 22.2 33.2





#59
2-Hexanone
Concen: 296.242 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

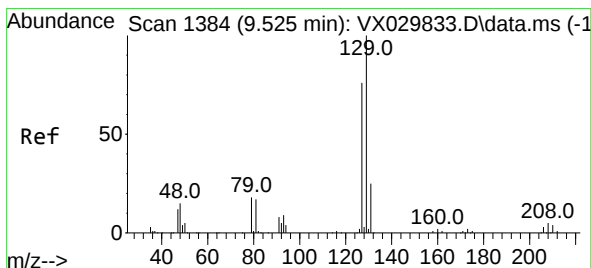
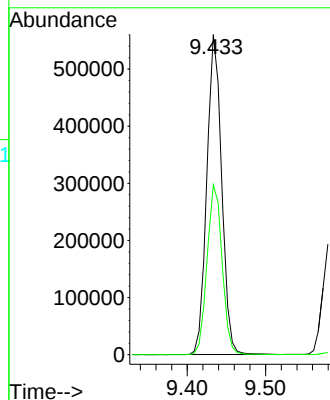
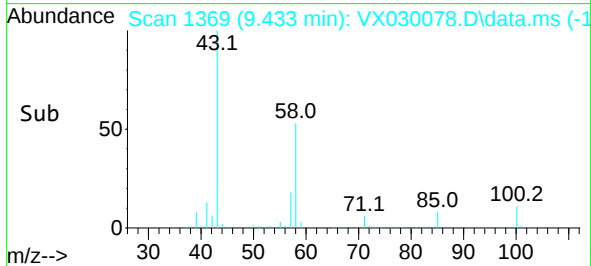
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 735104
Ion Ratio Lower Upper
43 100
58 54.0 27.6 82.8

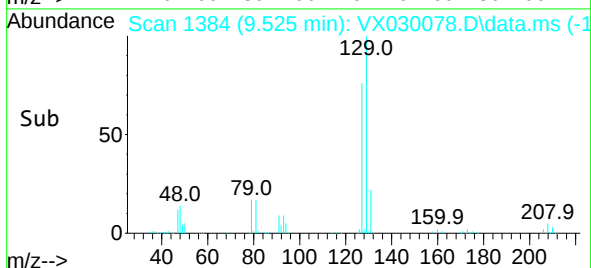
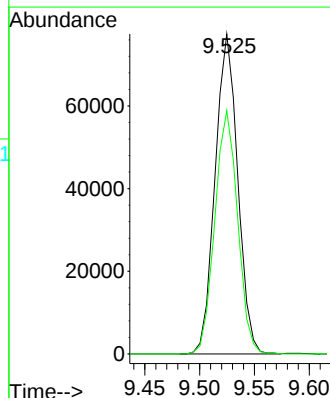
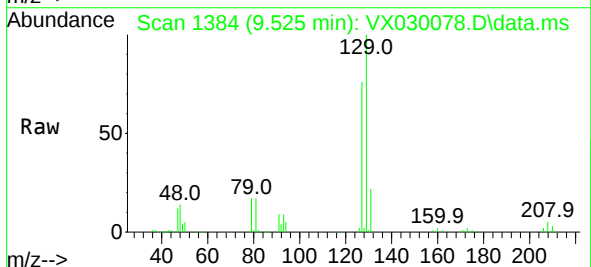
Manual Integrations
APPROVED

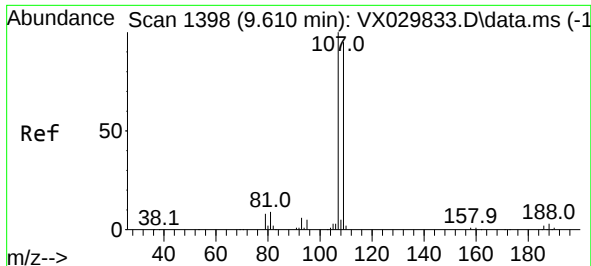
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#60
Dibromochloromethane
Concen: 54.761 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

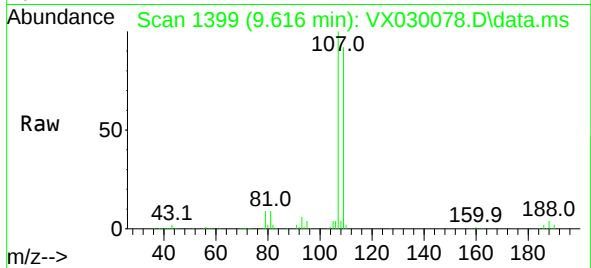
Tgt Ion:129 Resp: 111280
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 55.596 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

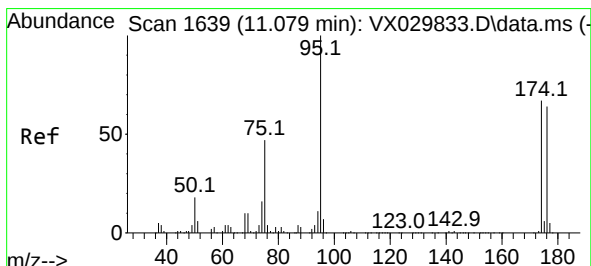
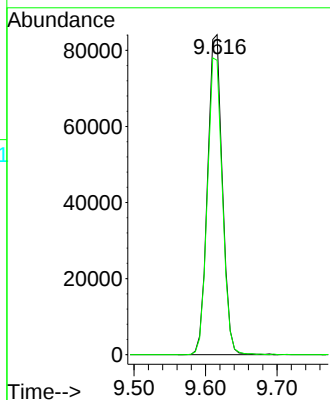
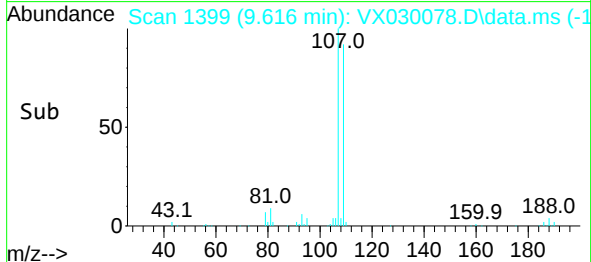
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 12069
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

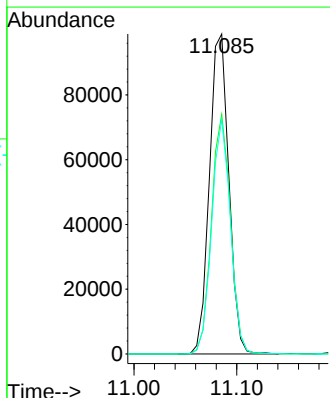
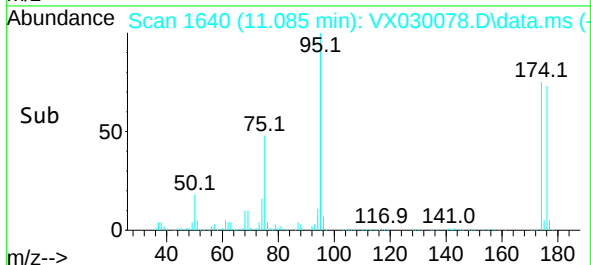
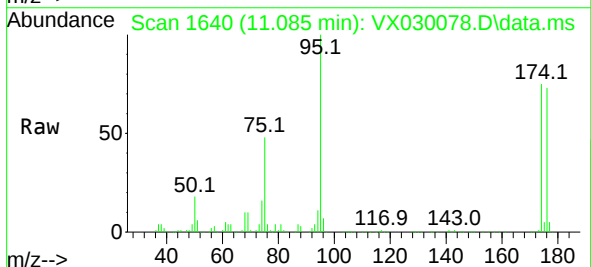
Manual Integrations
APPROVED

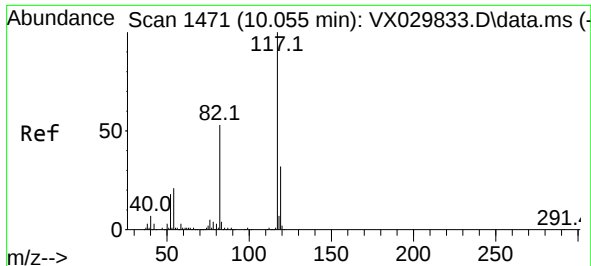
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#62
4-Bromofluorobenzene
Concen: 50.768 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

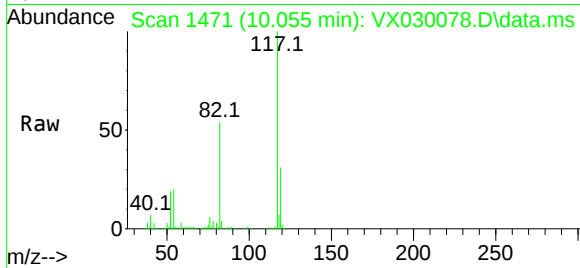
Tgt Ion: 95 Resp: 129820
Ion Ratio Lower Upper
95 100
174 73.5 0.0 149.0
176 70.8 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

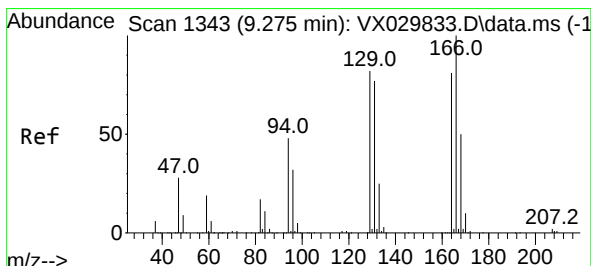
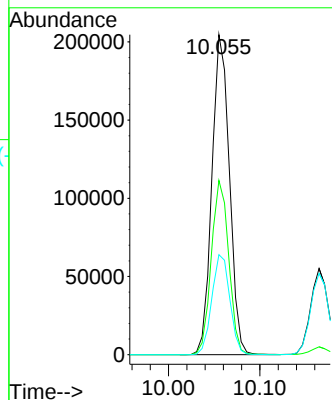
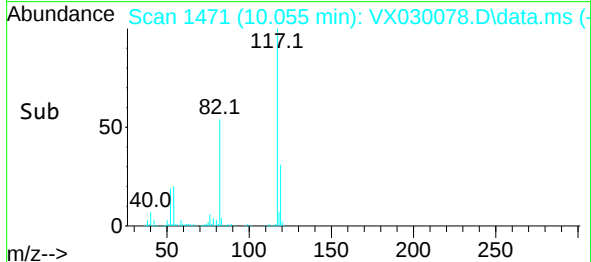
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 271858
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 31.3 25.4 38.2

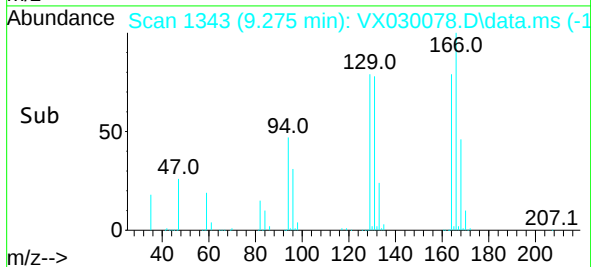
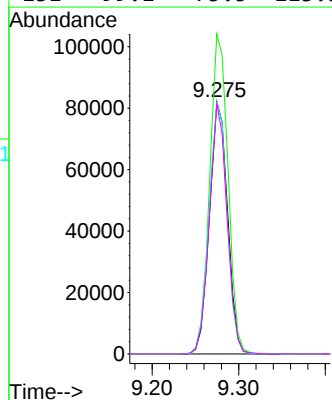
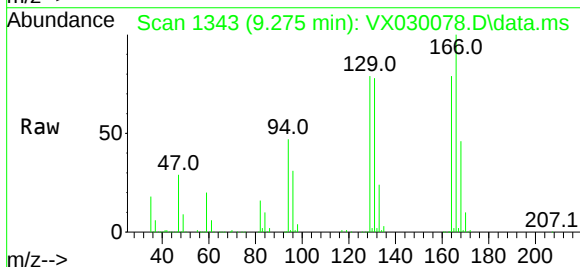
Manual Integrations
APPROVED

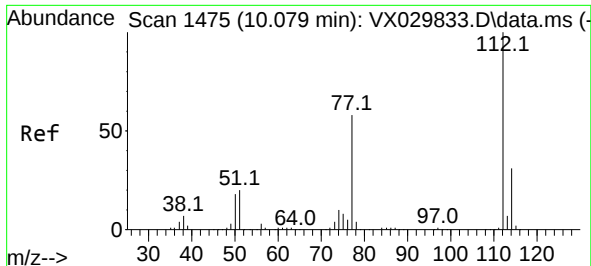
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#64
Tetrachloroethene
Concen: 54.538 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

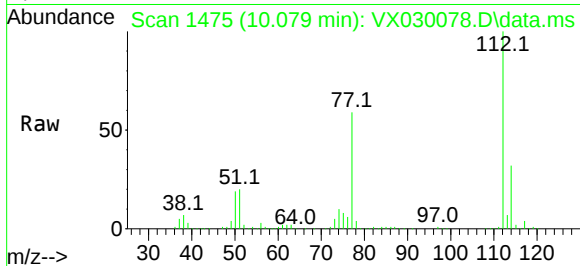
Tgt Ion:164 Resp: 119018
Ion Ratio Lower Upper
164 100
166 126.9 98.2 147.4
129 99.9 80.8 121.2
131 99.1 75.5 113.3





#65
Chlorobenzene
Concen: 53.732 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

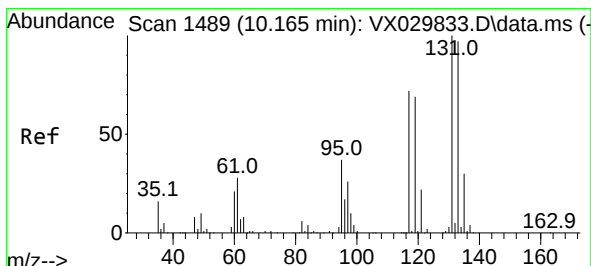
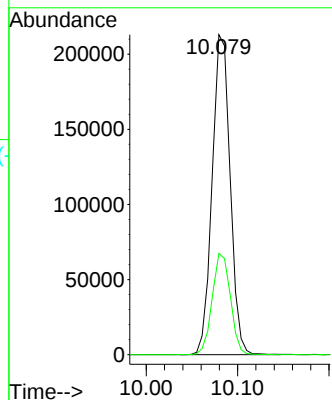
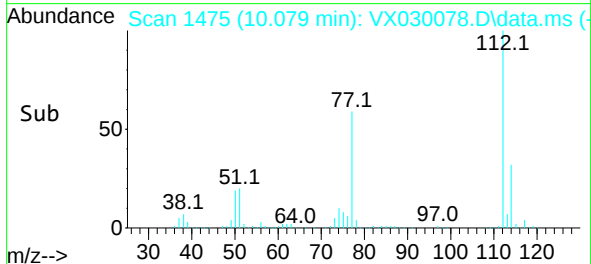
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



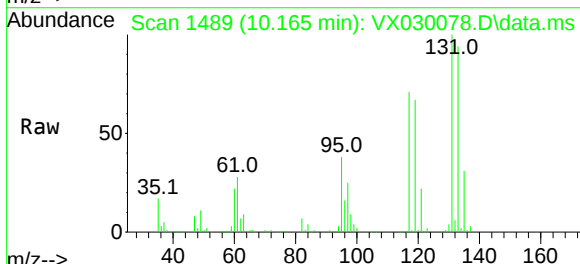
Tgt Ion:112 Resp: 290879
Ion Ratio Lower Upper
112 100
114 31.6 24.6 36.8

Manual Integrations
APPROVED

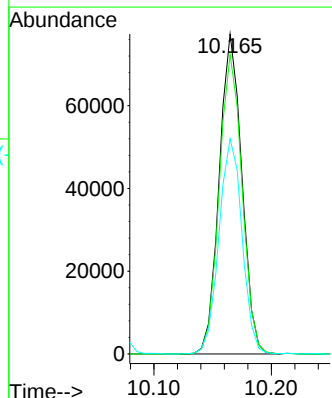
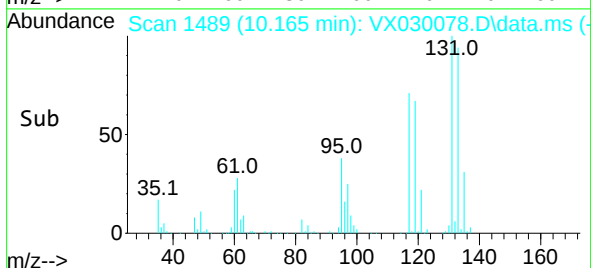
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

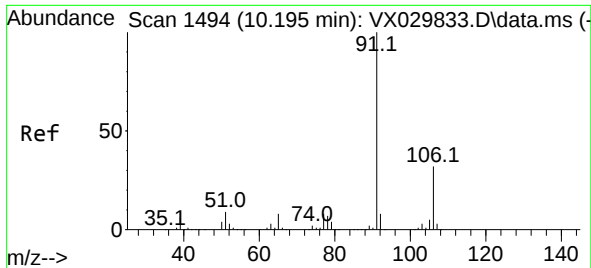


#66
1,1,1,2-Tetrachloroethane
Concen: 55.977 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



Tgt Ion:131 Resp: 103307
Ion Ratio Lower Upper
131 100
133 94.6 46.9 140.8
119 68.9 34.4 103.1





#67

Ethyl Benzene

Concen: 57.331 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 526010

Ion Ratio Lower Upper

91 100

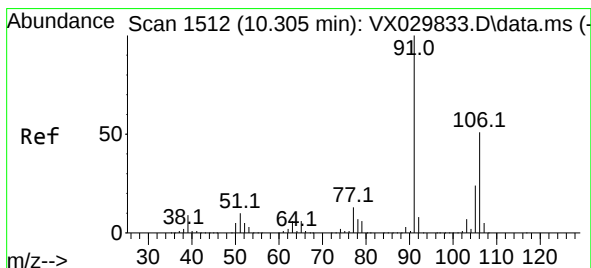
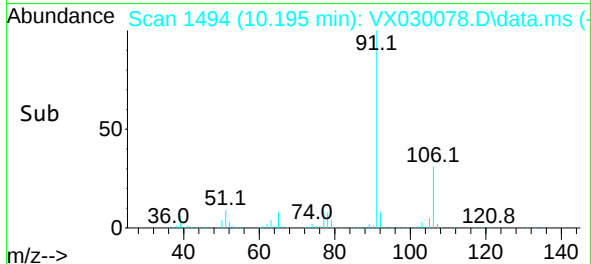
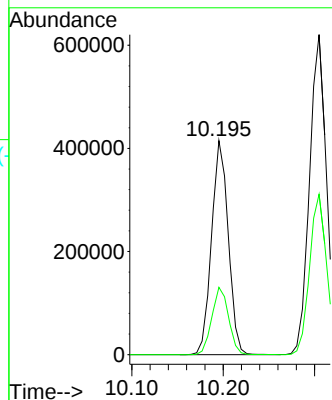
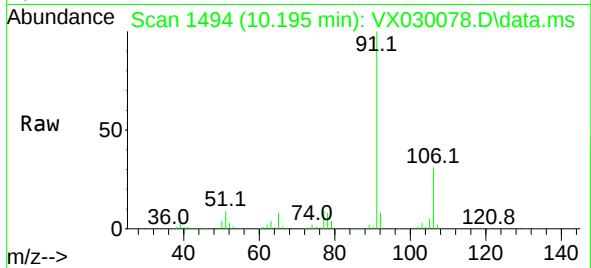
106 31.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#68

m/p-Xylenes

Concen: 112.350 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030078.D

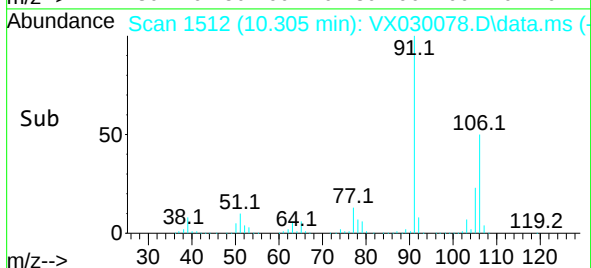
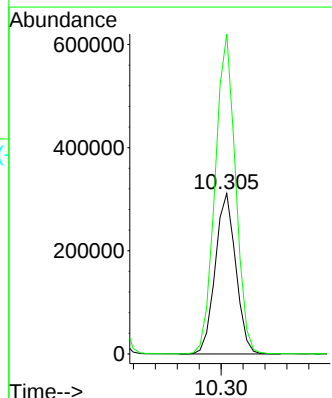
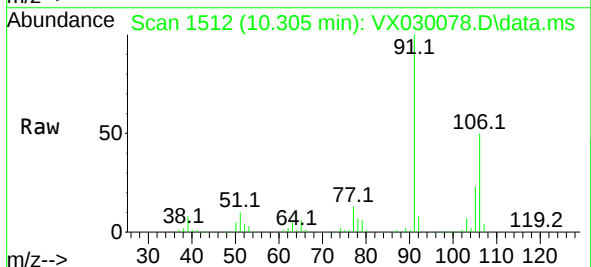
Acq: 14 Jul 2022 22:02

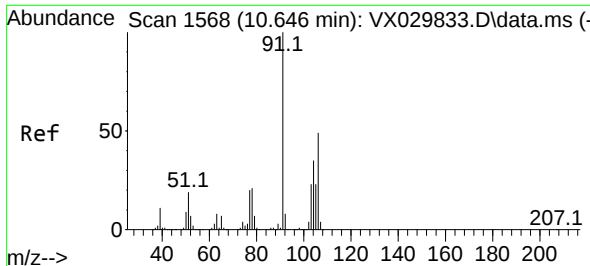
Tgt Ion:106 Resp: 404298

Ion Ratio Lower Upper

106 100

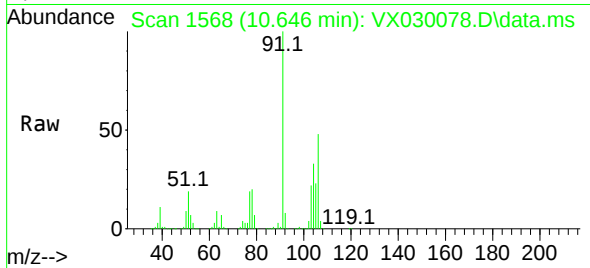
91 198.6 158.2 237.4





#69
o-Xylene
Concen: 55.747 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

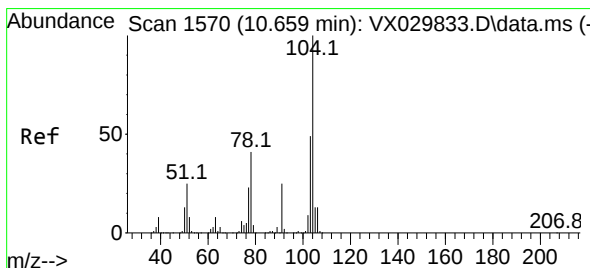
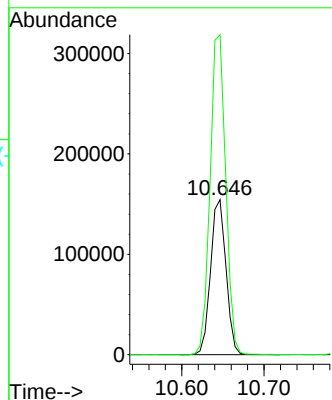
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 20086
Ion Ratio Lower Upper
106 100
91 209.4 103.8 311.6

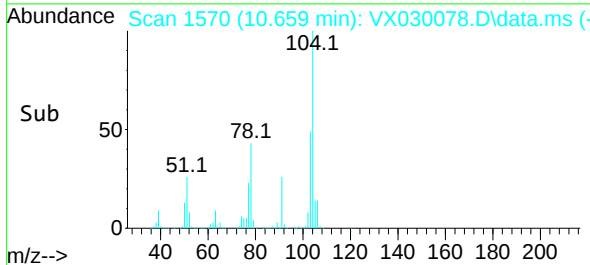
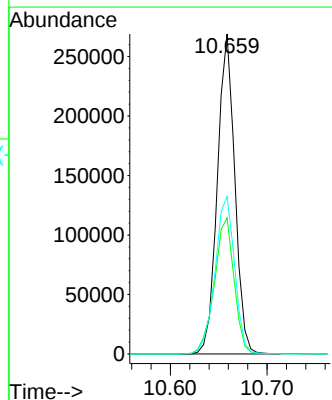
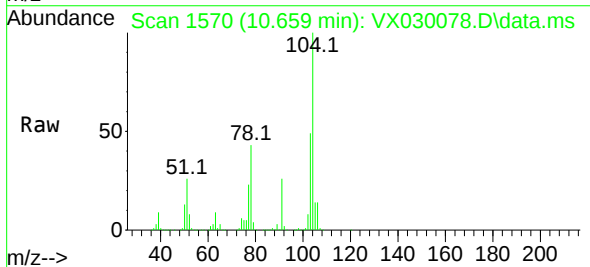
Manual Integrations
APPROVED

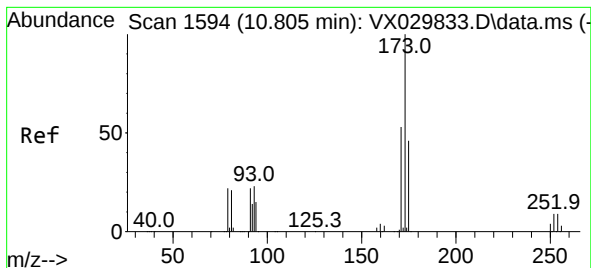
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#70
Styrene
Concen: 56.258 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Tgt Ion:104 Resp: 336446
Ion Ratio Lower Upper
104 100
78 48.2 37.8 56.8
103 55.5 44.5 66.7





#71

Bromoform

Concen: 51.720 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 7668

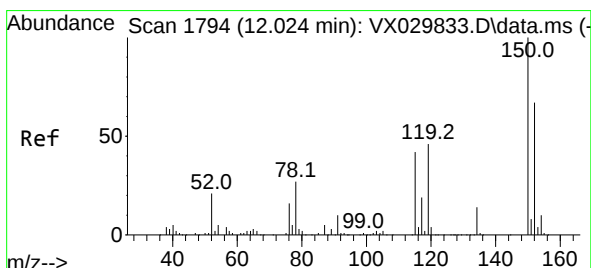
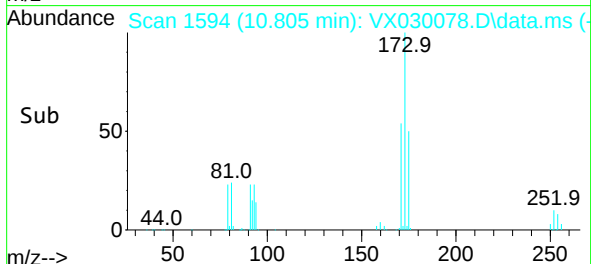
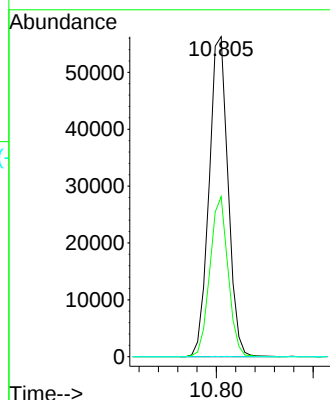
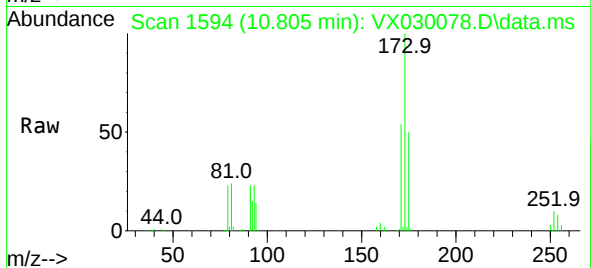
Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.8	71.2
254	0.1	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

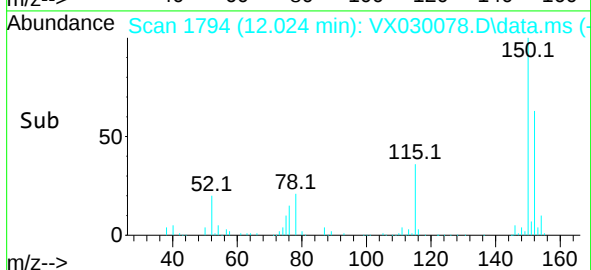
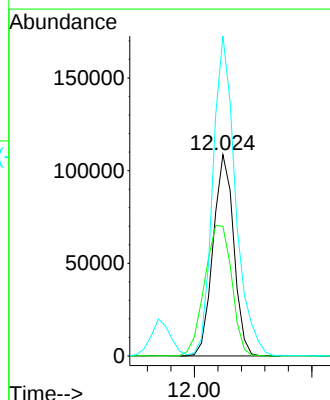
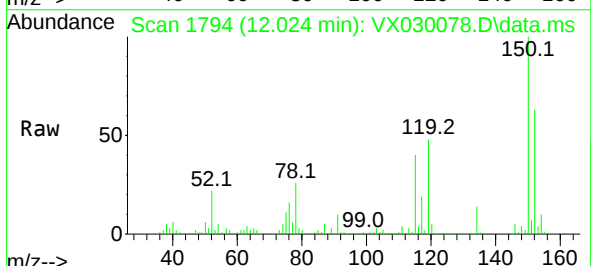
Delta R.T. 0.000 min

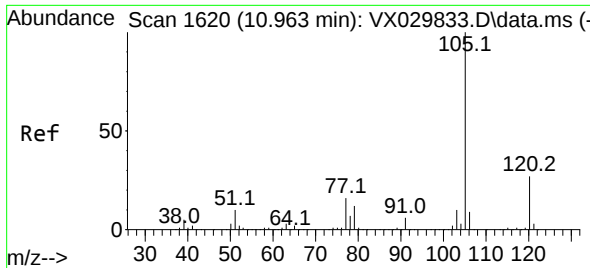
Lab File: VX030078.D

Acq: 14 Jul 2022 22:02

Tgt Ion:152 Resp: 132343

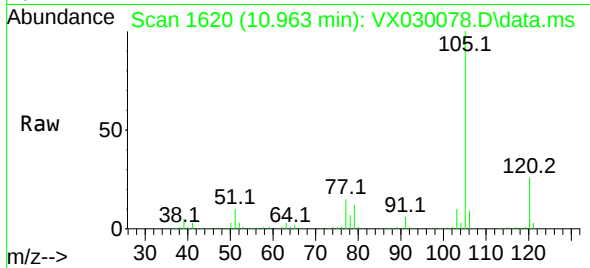
Ion	Ratio	Lower	Upper
152	100		
115	85.1	40.5	121.5
150	174.1	0.0	347.0





#73
Isopropylbenzene
Concen: 55.786 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

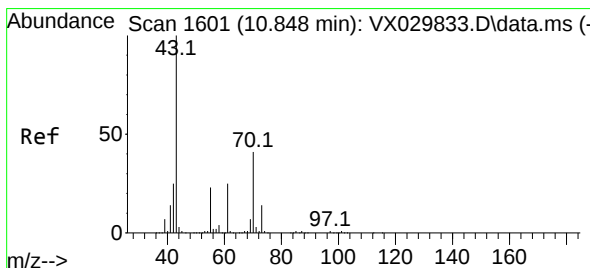
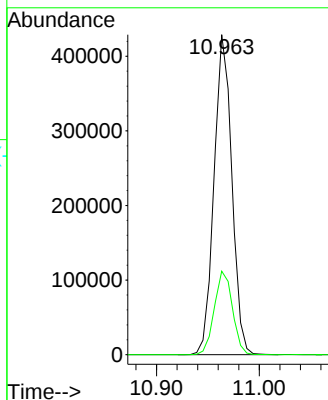
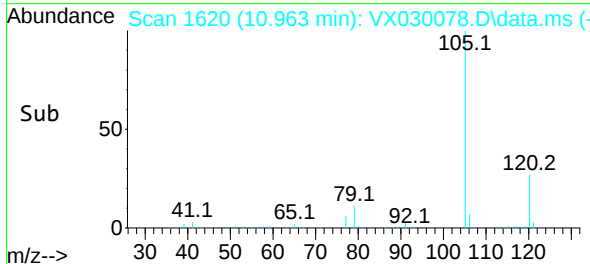
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



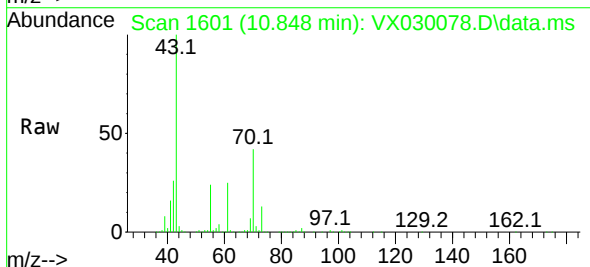
Tgt Ion:105 Resp: 514072
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

Manual Integrations
APPROVED

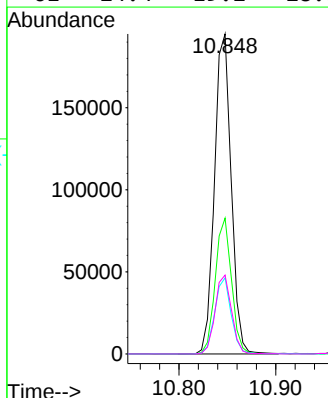
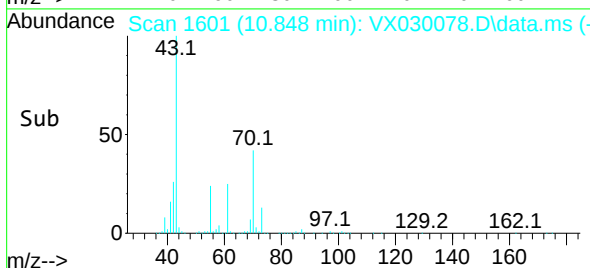
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

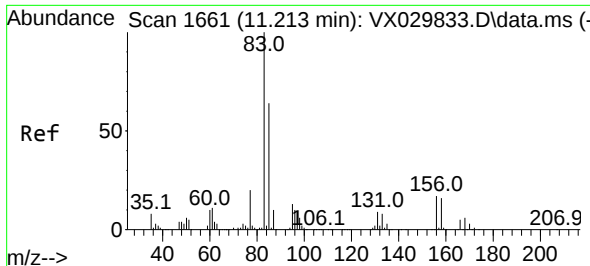


#74
N-ethyl acetate
Concen: 57.715 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



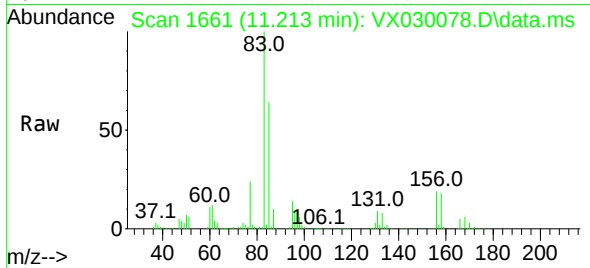
Tgt Ion: 43 Resp: 233591
Ion Ratio Lower Upper
43 100
70 41.3 32.3 48.5
55 23.6 18.4 27.6
61 24.4 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 52.828 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

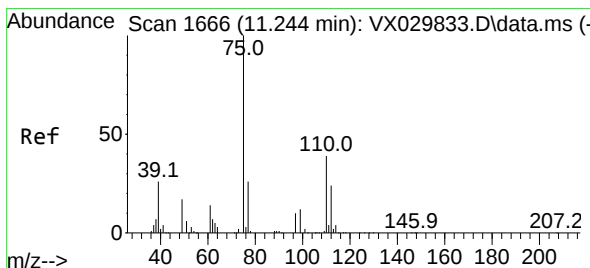
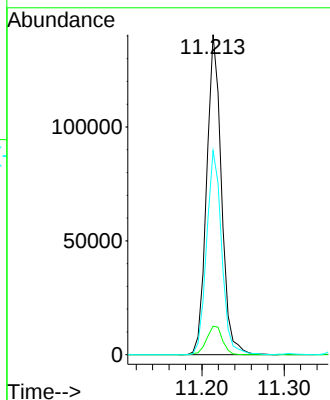
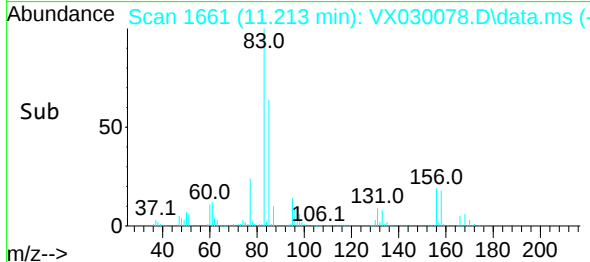
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



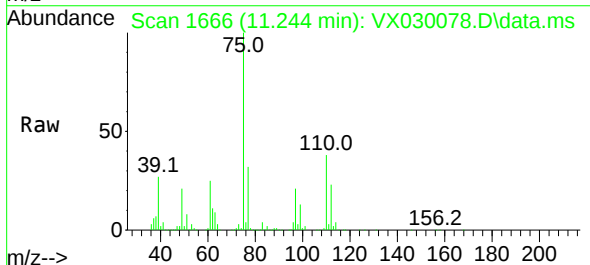
Tgt Ion: 83 Resp: 175632
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 64.9 32.5 97.5

Manual Integrations
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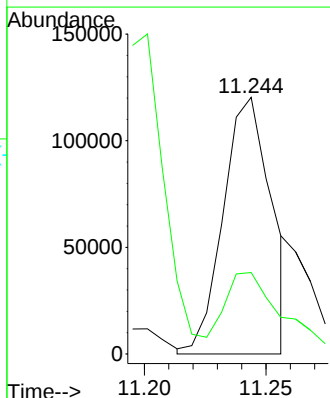
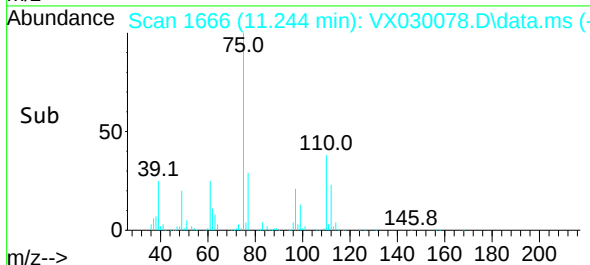
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

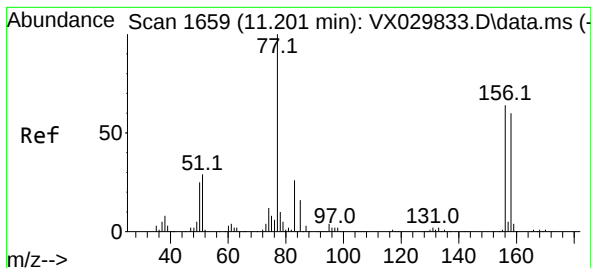


#76
1,2,3-Trichloropropane
Concen: 54.483 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



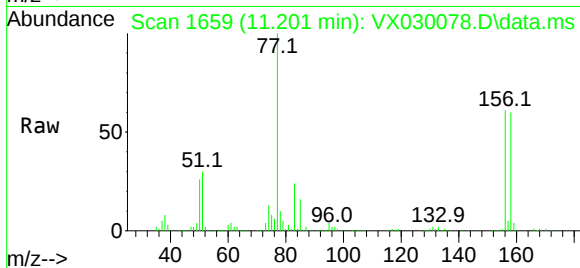
Tgt Ion: 75 Resp: 165783
Ion Ratio Lower Upper
75 100
77 37.9 19.8 59.3





#77
Bromobenzene
Concen: 51.791 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

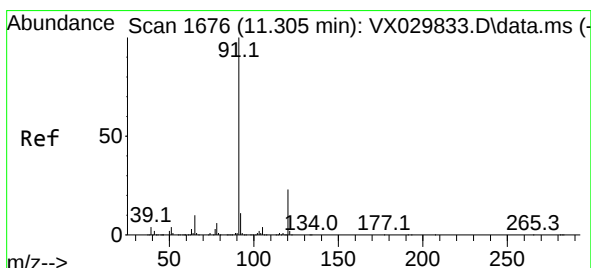
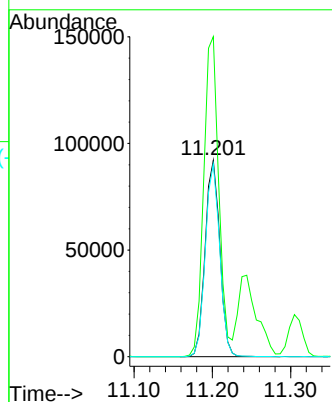
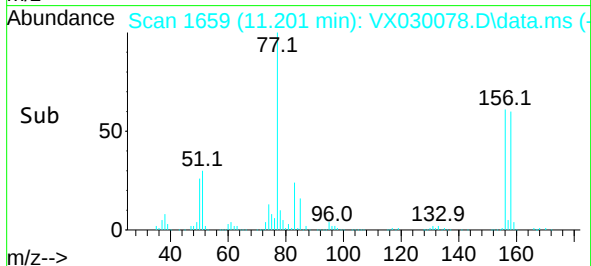
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



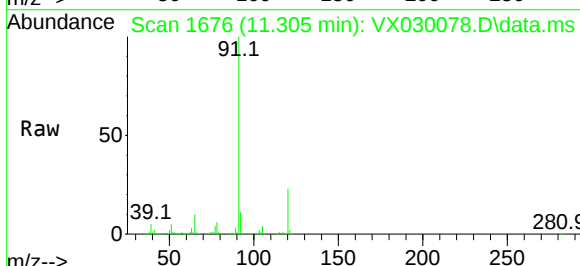
Tgt Ion:156 Resp: 119410
Ion Ratio Lower Upper
156 100
77 168.0 82.7 247.9
158 96.5 47.5 142.5

Manual Integrations
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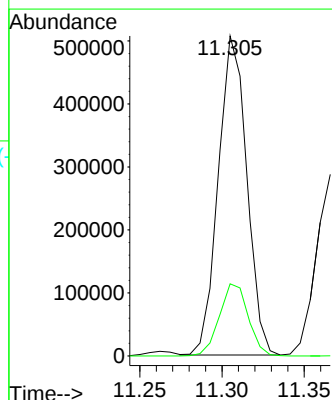
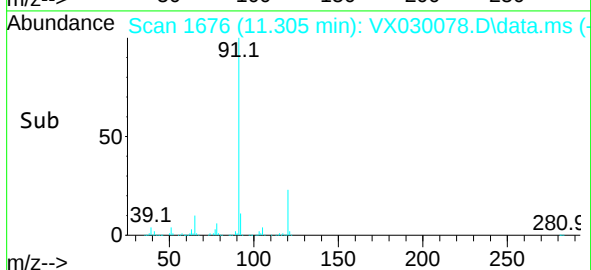
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

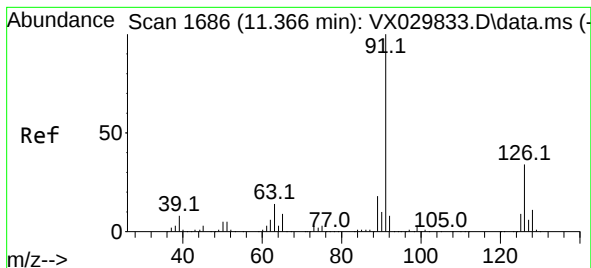


#78
n-propylbenzene
Concen: 55.971 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



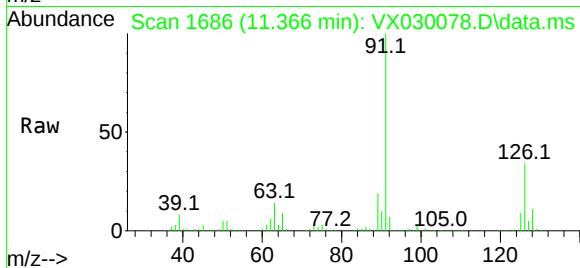
Tgt Ion: 91 Resp: 611892
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





#79
2-Chlorotoluene
Concen: 54.804 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

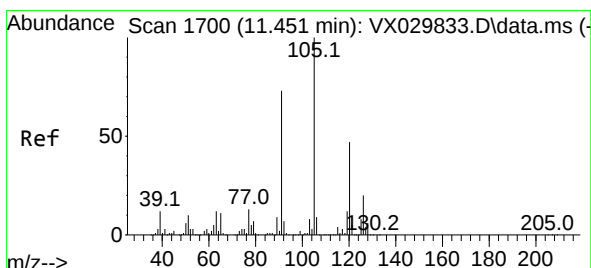
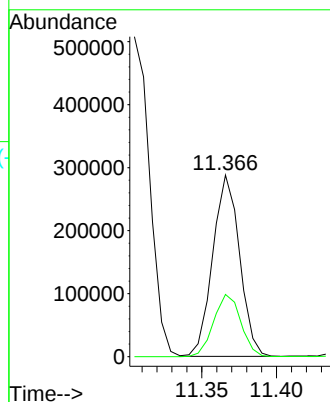
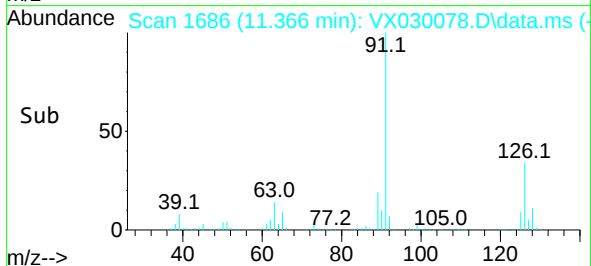
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



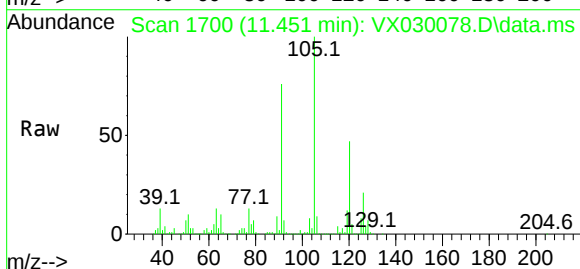
Tgt Ion: 91 Resp: 358850
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3

Manual Integrations
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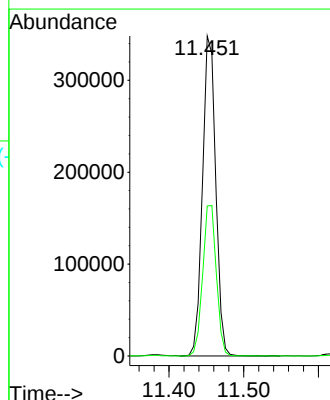
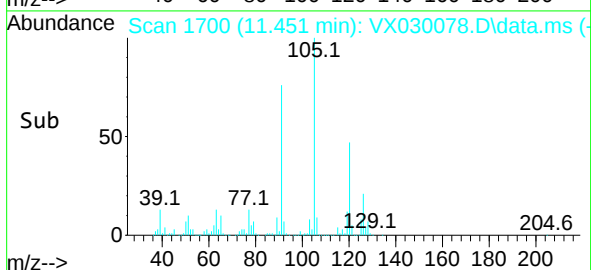
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

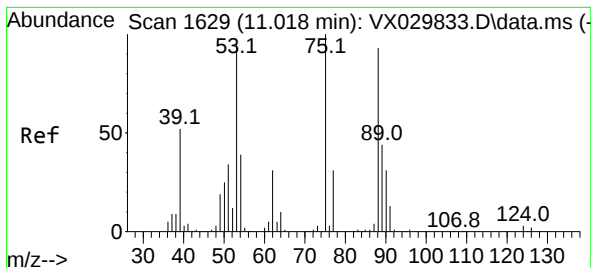


#80
1,3,5-Trimethylbenzene
Concen: 55.155 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



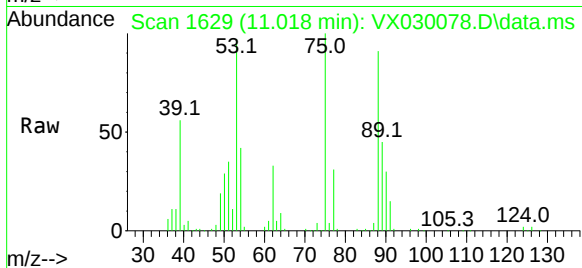
Tgt Ion:105 Resp: 428270
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 48.418 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

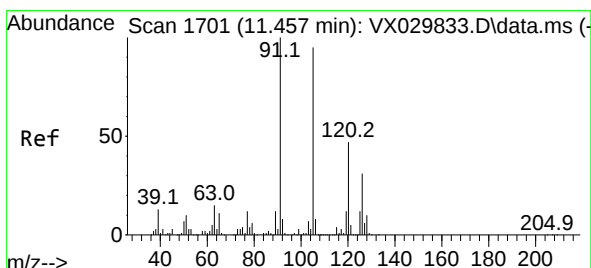
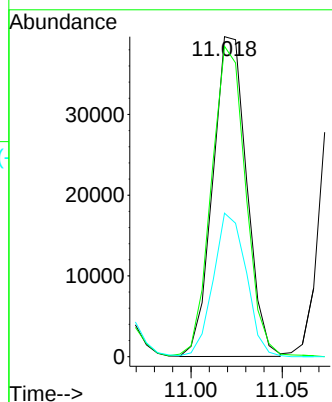
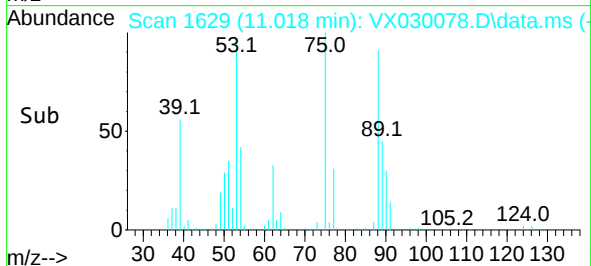
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 51050
Ion Ratio Lower Upper
75 100
53 98.1 74.2 111.4
89 43.6 34.8 52.2

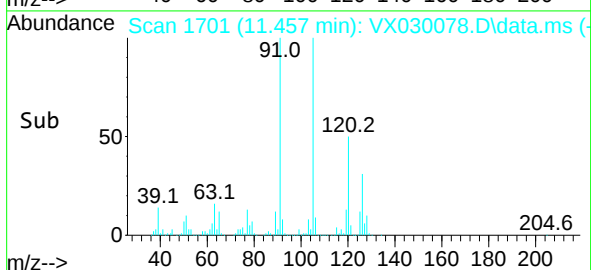
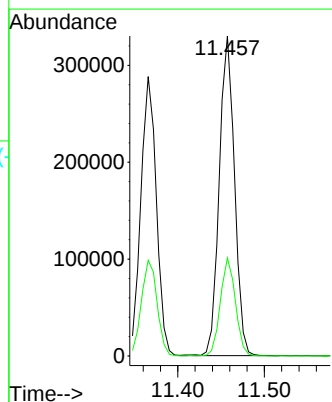
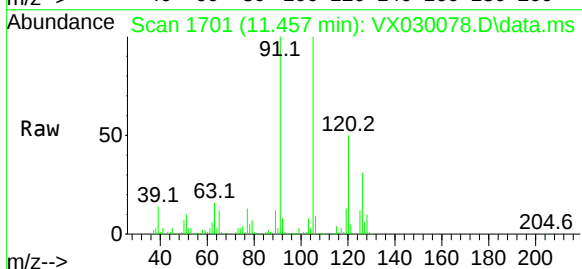
Manual Integrations
APPROVED

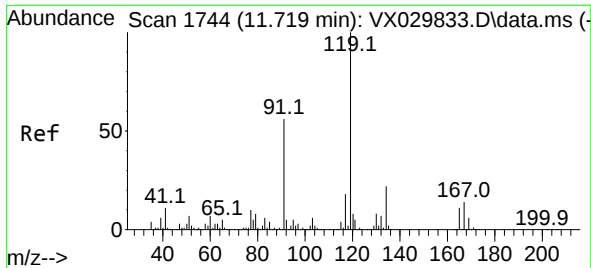
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#82
4-Chlorotoluene
Concen: 55.060 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

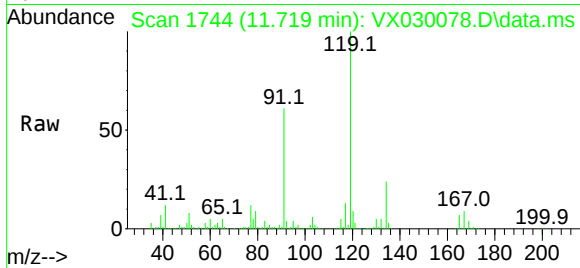
Tgt Ion: 91 Resp: 403945
Ion Ratio Lower Upper
91 100
126 30.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 54.241 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

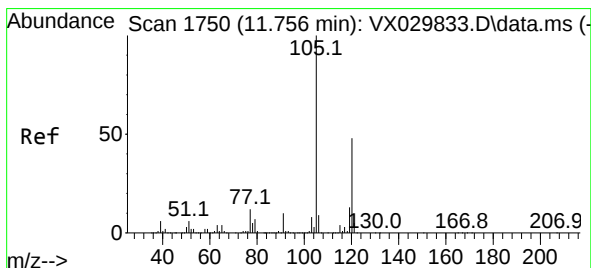
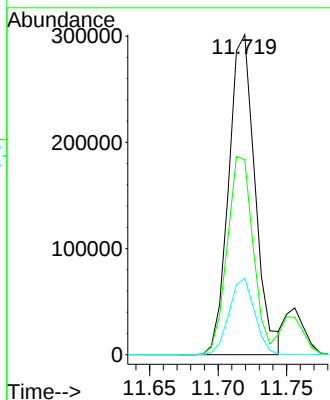
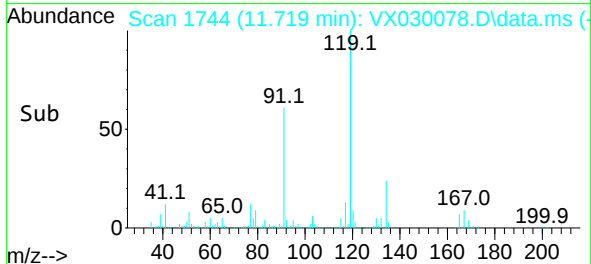
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



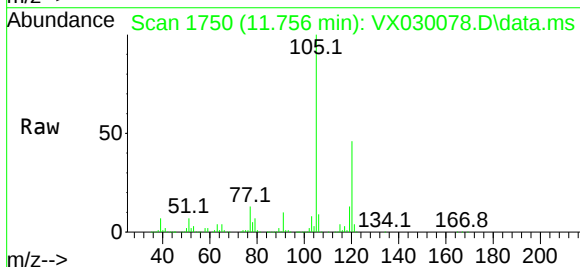
Tgt Ion:119 Resp: 40389
Ion Ratio Lower Upper
119 100
91 60.9 28.3 84.9
134 23.1 11.2 33.5

Manual Integrations
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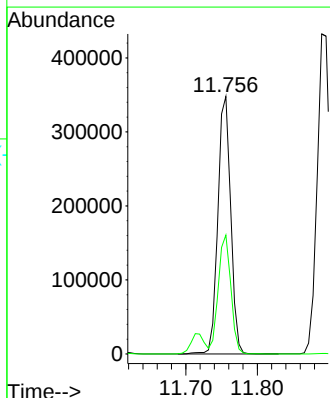
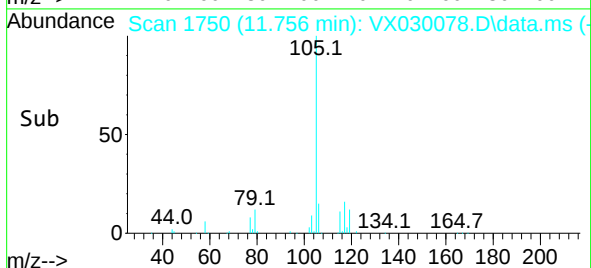
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

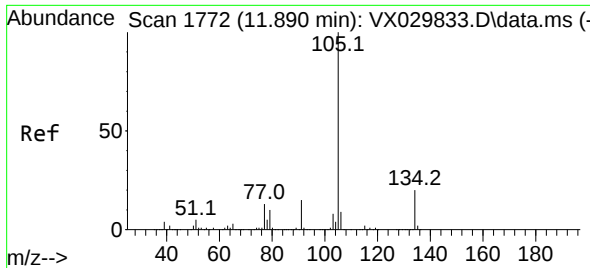


#84
1,2,4-Trimethylbenzene
Concen: 56.457 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



Tgt Ion:105 Resp: 433607
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.8





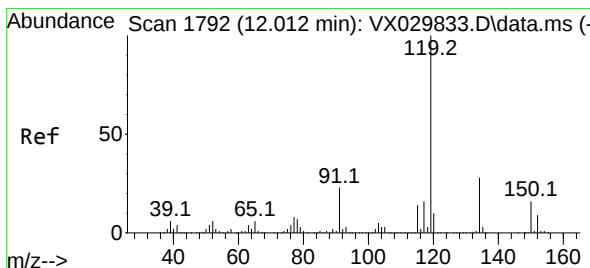
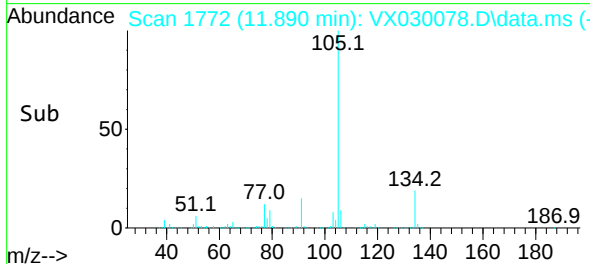
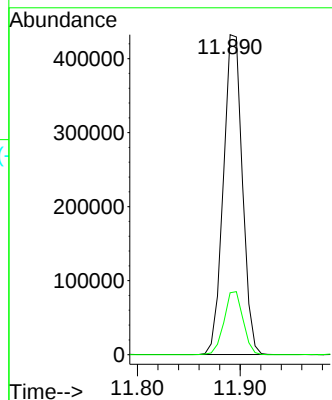
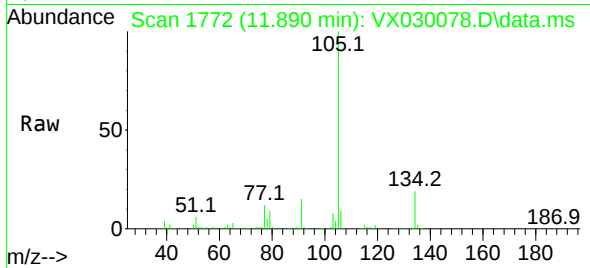
#85
 sec-Butylbenzene
 Concen: 56.262 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030078.D
 Acq: 14 Jul 2022 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 553854
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

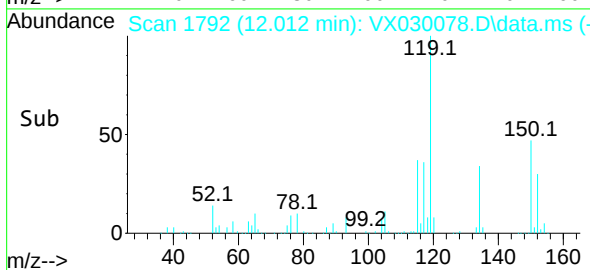
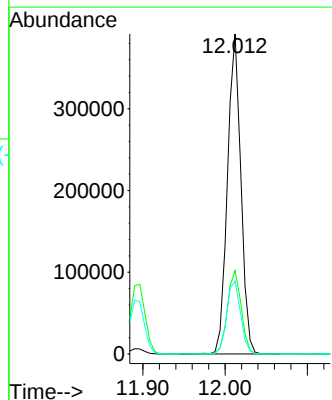
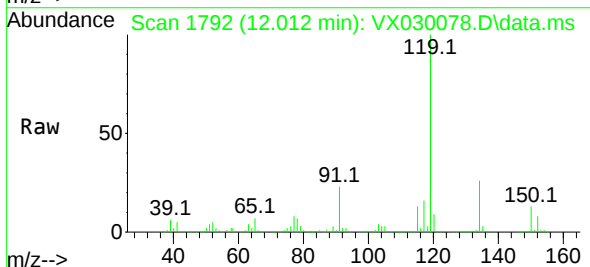
Manual Integrations
 APPROVED

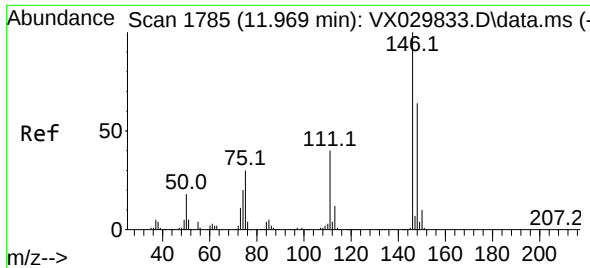
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#86
 p-Isopropyltoluene
 Concen: 56.303 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030078.D
 Acq: 14 Jul 2022 22:02

Tgt Ion:119 Resp: 444649
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.9 41.6
 91 23.8 11.8 35.3





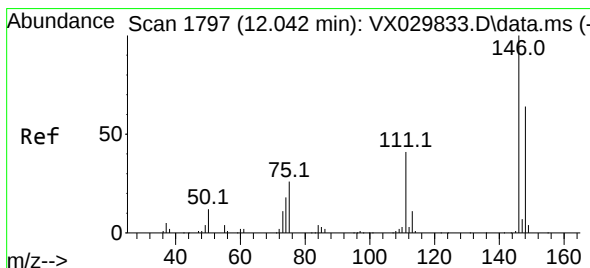
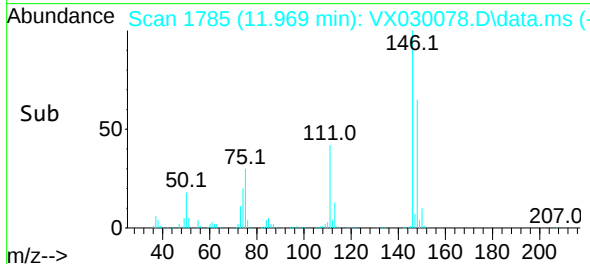
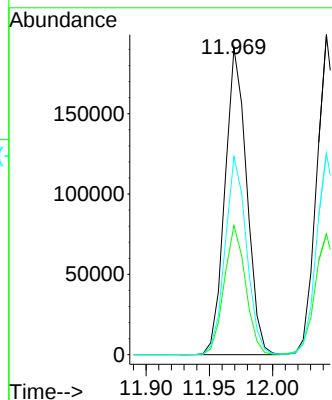
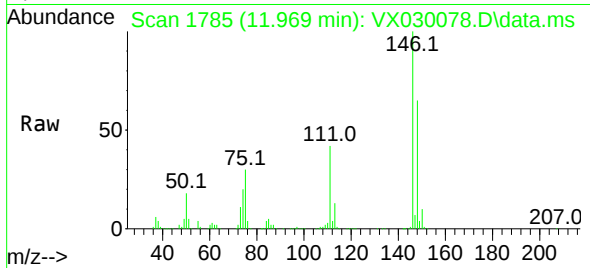
#87
1,3-Dichlorobenzene
Concen: 53.630 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 22846
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.8
148 63.6 31.8 95.3

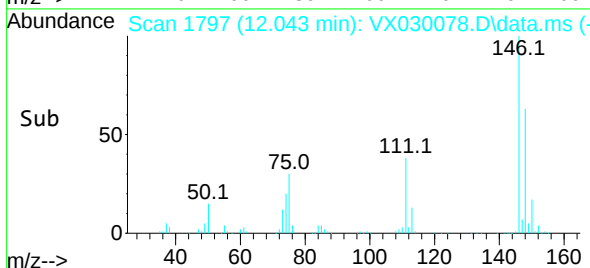
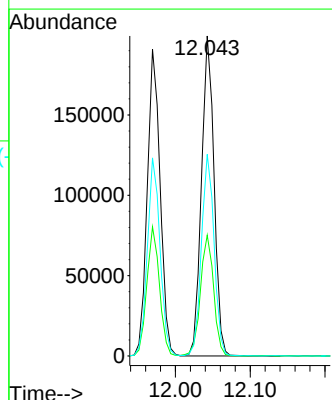
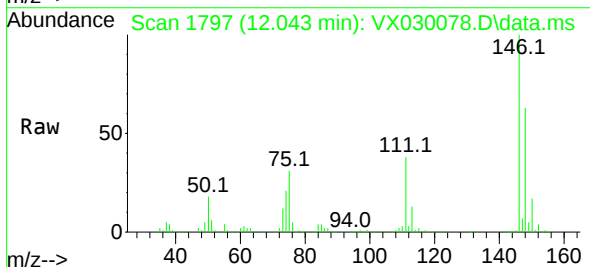
Manual Integrations
APPROVED

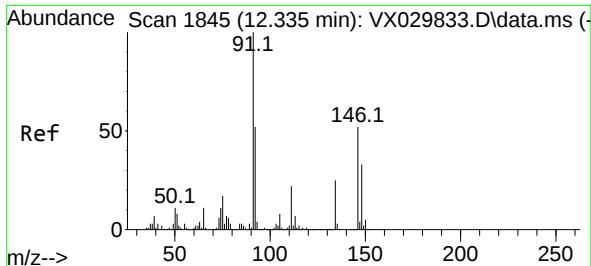
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#88
1,4-Dichlorobenzene
Concen: 53.362 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

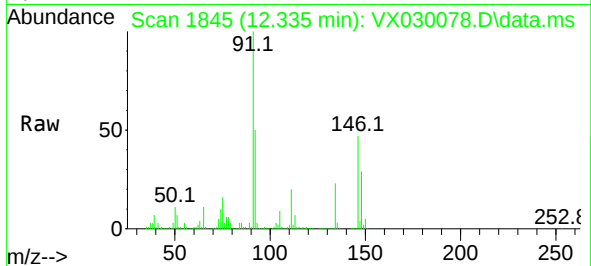
Tgt Ion:146 Resp: 233282
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 63.3 32.3 96.8





#89
n-Butylbenzene
Concen: 60.051 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

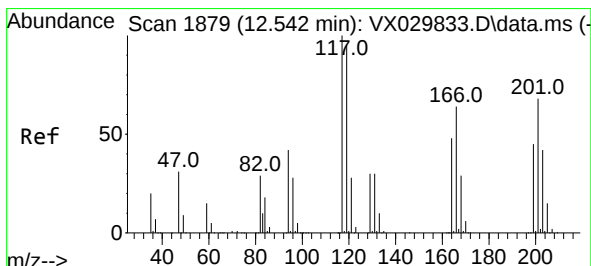
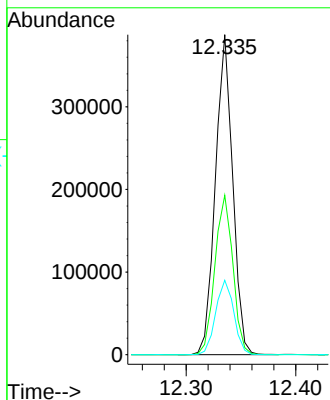
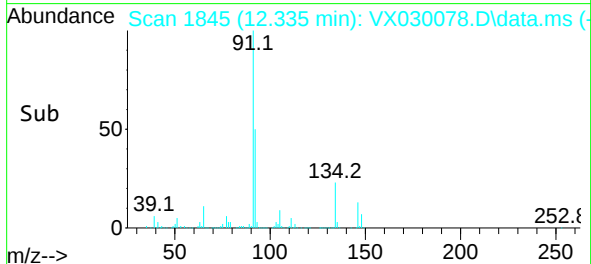
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 42492
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 24.4 12.6 37.8

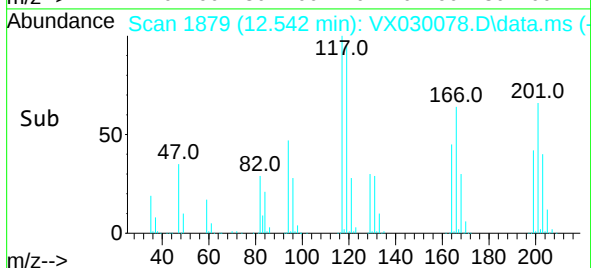
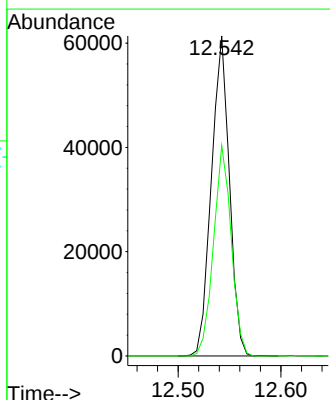
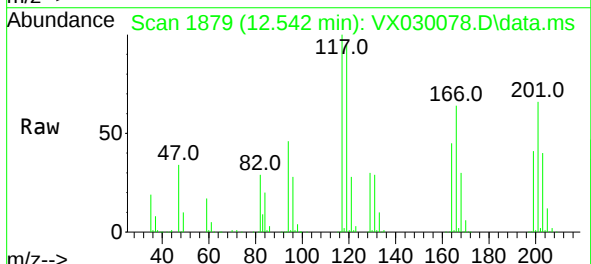
Manual Integrations
APPROVED

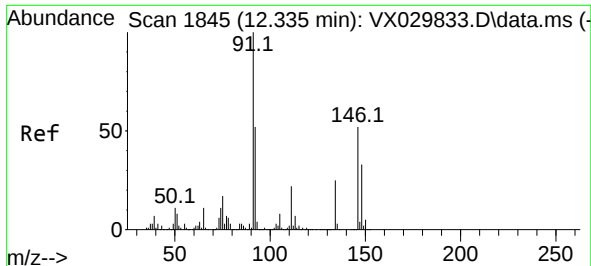
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#90
Hexachloroethane
Concen: 55.155 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

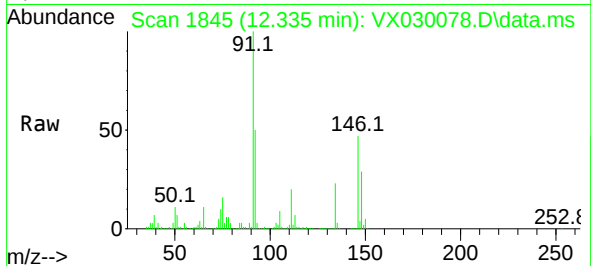
Tgt Ion:117 Resp: 74463
Ion Ratio Lower Upper
117 100
201 65.0 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 53.156 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

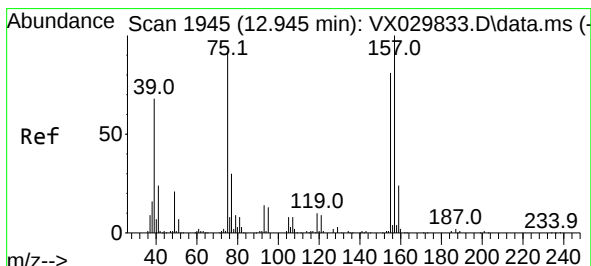
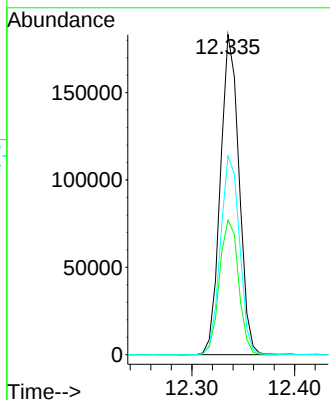
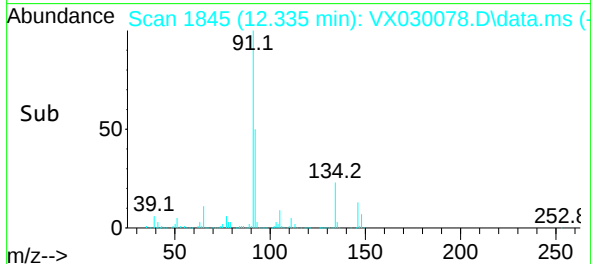
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



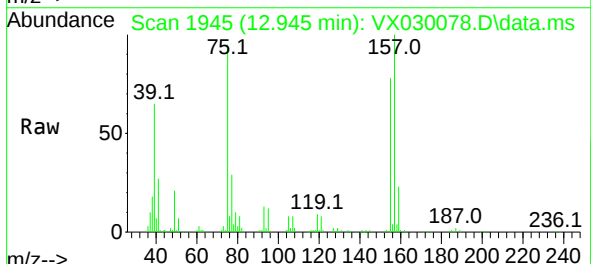
Tgt Ion:146 Resp: 23005
Ion Ratio Lower Upper
146 100
111 43.2 20.7 62.1
148 63.8 32.0 96.2

Manual Integrations
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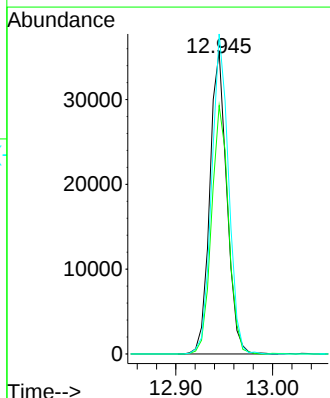
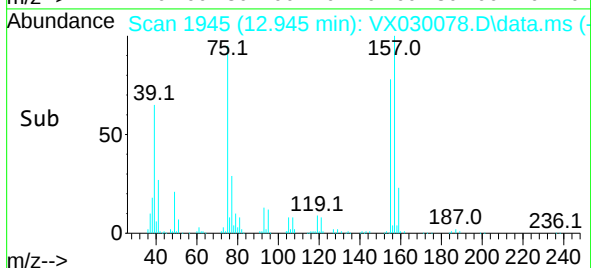
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

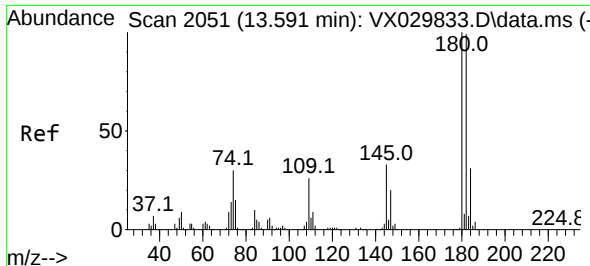


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.496 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



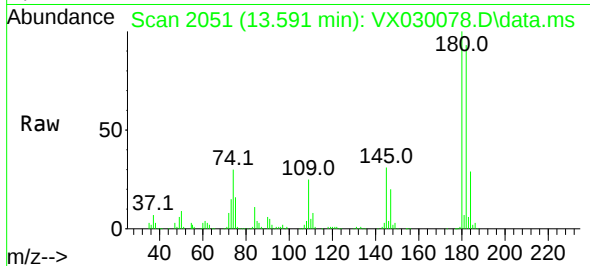
Tgt Ion: 75 Resp: 43646
Ion Ratio Lower Upper
75 100
155 81.6 45.0 134.8
157 104.5 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 51.798 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

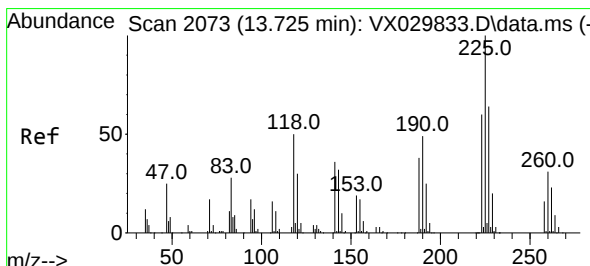
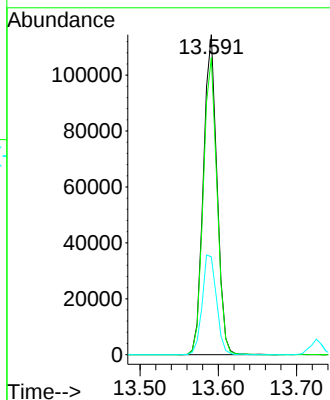
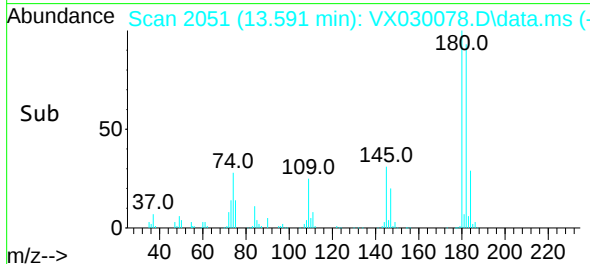
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



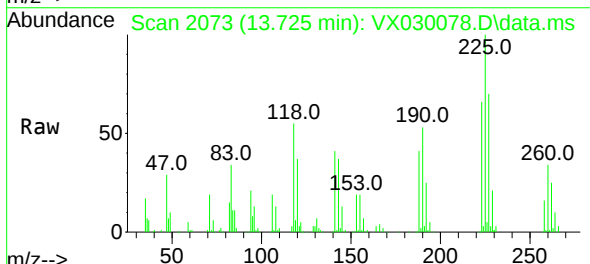
Tgt Ion:180 Resp: 13769
Ion Ratio Lower Upper
180 100
182 93.9 48.2 144.6
145 32.8 15.9 47.6

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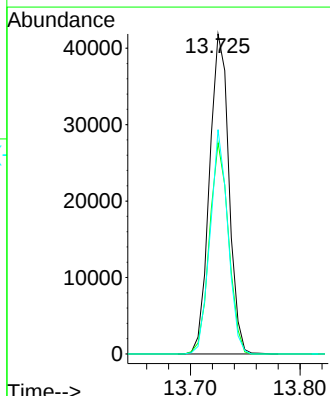
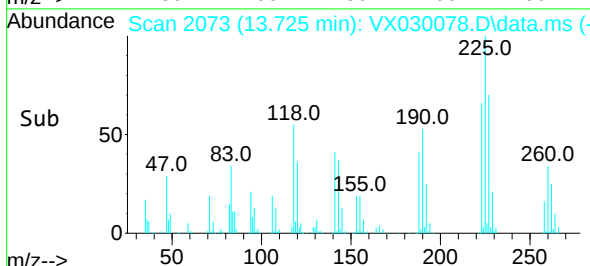
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

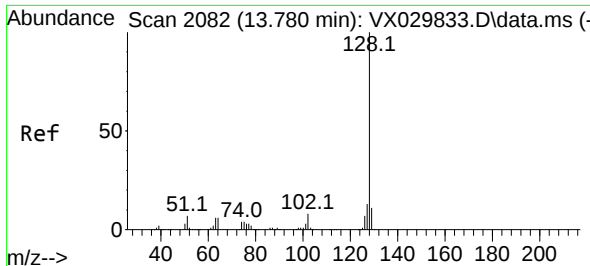


#94
Hexachlorobutadiene
Concen: 48.530 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02



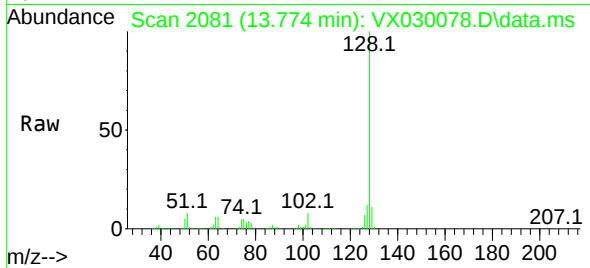
Tgt Ion:225 Resp: 51506
Ion Ratio Lower Upper
225 100
223 64.7 30.6 91.6
227 63.9 31.9 95.9





#95
Naphthalene
Concen: 54.534 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

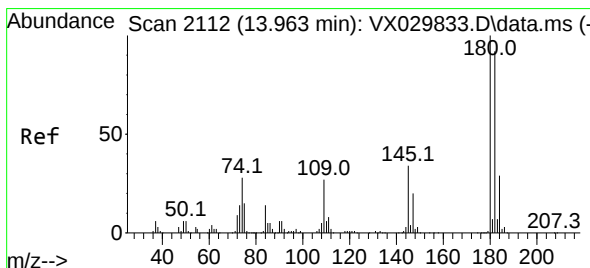
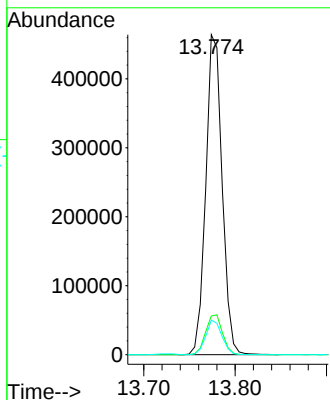
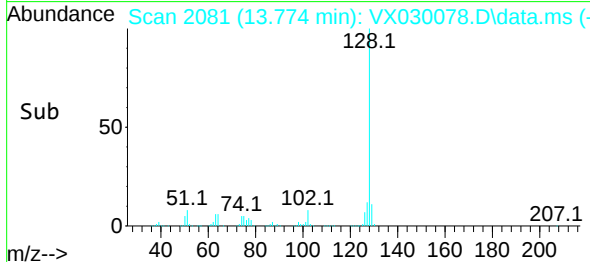
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 57543
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.592 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030078.D
Acq: 14 Jul 2022 22:02

Tgt Ion:180 Resp: 142254
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 35.4 17.0 50.9

