

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030030.D
 Acq On : 12 Jul 2022 19:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 09:10:42 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	199594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	343911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110873	45.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.280%		
35) Dibromofluoromethane	5.391	113	98507	44.836	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.680%		
50) Toluene-d8	8.653	98	385718	46.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.360%		
62) 4-Bromofluorobenzene	11.085	95	133500	46.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	119094	52.584	ug/l	98
3) Chloromethane	1.288	50	112532	54.105	ug/l	98
4) Vinyl Chloride	1.374	62	125282	54.231	ug/l	97
5) Bromomethane	1.605	94	48812	49.740	ug/l	99
6) Chloroethane	1.679	64	69530	53.447	ug/l	97
7) Trichlorofluoromethane	1.886	101	161344	54.079	ug/l	99
8) Diethyl Ether	2.136	74	65580	53.133	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	104674	51.393	ug/l	99
10) Methyl Iodide	2.453	142	98534	49.310	ug/l	99
11) Tert butyl alcohol	2.983	59	150496	240.023	ug/l	99
12) 1,1-Dichloroethene	2.319	96	109034	53.617	ug/l	96
13) Acrolein	2.239	56	29691	237.761	ug/l	99
14) Allyl chloride	2.666	41	185126	52.094	ug/l	98
15) Acrylonitrile	3.069	53	377526	264.931	ug/l	99
16) Acetone	2.386	43	299071	261.253	ug/l	99
17) Carbon Disulfide	2.508	76	288899	50.774	ug/l	98
18) Methyl Acetate	2.709	43	175511	50.397	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	341657	53.152	ug/l	98
20) Methylene Chloride	2.788	84	123227	53.370	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	115375	54.431	ug/l	96
22) Diisopropyl ether	3.764	45	370327	53.238	ug/l	99
23) Vinyl Acetate	3.727	43	1653493	280.789	ug/l	99
24) 1,1-Dichloroethane	3.611	63	200864	52.110	ug/l	98
25) 2-Butanone	4.568	43	525965	269.722	ug/l	99
26) 2,2-Dichloropropane	4.483	77	121449	44.853	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	132974	51.229	ug/l	98
28) Bromochloromethane	4.904	49	80203	49.458	ug/l	94
29) Tetrahydrofuran	5.013	42	351945	265.944	ug/l	99
30) Chloroform	5.105	83	201910	52.562	ug/l	93
31) Cyclohexane	5.477	56	189493	53.805	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	167028	53.201	ug/l	99
36) 1,1-Dichloropropene	5.702	75	152837	53.856	ug/l	99
37) Ethyl Acetate	4.727	43	194258	53.271	ug/l	99
38) Carbon Tetrachloride	5.678	117	140823	53.213	ug/l	98
39) Methylcyclohexane	7.385	83	195249	54.273	ug/l	98
40) Benzene	6.044	78	484837	54.280	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	101266	51.575	ug/l	95
42) 1,2-Dichloroethane	6.092	62	147755	53.375	ug/l	100
43) Isopropyl Acetate	6.355	43	304175	55.472	ug/l	100
44) Trichloroethene	7.129	130	130271	49.910	ug/l	99
45) 1,2-Dichloropropane	7.434	63	123844	53.342	ug/l	97
46) Dibromomethane	7.586	93	83471	52.236	ug/l	98
47) Bromodichloromethane	7.824	83	152521	52.602	ug/l	97
48) Methyl methacrylate	7.696	41	143709	56.800	ug/l	99
49) 1,4-Dioxane	7.677	88	70020	1065.200	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	992903	273.634	ug/l	100
52) Toluene	8.720	92	297284	52.413	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	161043	53.470	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	181039	52.470	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	123081	52.621	ug/l	98
56) Ethyl methacrylate	9.122	69	194654	55.352	ug/l	100
57) 1,3-Dichloropropane	9.311	76	198909	53.533	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	496839	260.183	ug/l	99
59) 2-Hexanone	9.433	43	768260	276.093	ug/l	99
60) Dibromochloromethane	9.525	129	120314	52.799	ug/l	100
61) 1,2-Dibromoethane	9.610	107	131868	54.170	ug/l	97
64) Tetrachloroethene	9.275	164	122896	49.407	ug/l	97
65) Chlorobenzene	10.079	112	317071	51.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	108812	51.727	ug/l	98
67) Ethyl Benzene	10.195	91	556359	53.200	ug/l	98
68) m/p-Xylenes	10.305	106	432664	105.484	ug/l	100
69) o-Xylene	10.646	106	214486	52.224	ug/l	99
70) Styrene	10.659	104	358543	52.598	ug/l	99
71) Bromoform	10.805	173	85836	50.789	ug/l #	100
73) Isopropylbenzene	10.963	105	550985	52.622	ug/l	100
74) N-amyl acetate	10.848	43	256477	55.770	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	192898	51.064	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	174295m	50.411	ug/l	
77) Bromobenzene	11.201	156	130627	49.862	ug/l	98
78) n-propylbenzene	11.305	91	651770	52.470	ug/l	100
79) 2-Chlorotoluene	11.366	91	381119	51.224	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	452366	51.272	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59061	49.299	ug/l	99
82) 4-Chlorotoluene	11.457	91	427368	51.267	ug/l	99
83) tert-Butylbenzene	11.719	119	438145	51.784	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	457194	52.389	ug/l	100
85) sec-Butylbenzene	11.890	105	601180	53.746	ug/l	99
86) p-Isopropyltoluene	12.012	119	478394	53.311	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	251489	51.955	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	249548	50.237	ug/l	98
89) n-Butylbenzene	12.335	91	459977	57.210	ug/l	99
90) Hexachloroethane	12.542	117	82133	53.541	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	251484	51.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48975	56.779	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	151491	50.153	ug/l	99
94) Hexachlorobutadiene	13.725	225	56262	46.654	ug/l	97
95) Naphthalene	13.774	128	642296	53.571	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	157949	51.392	ug/l	99

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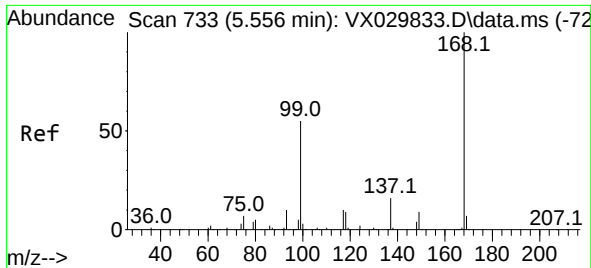
Manual Integrations
APPROVED

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Response via : Initial Calibration

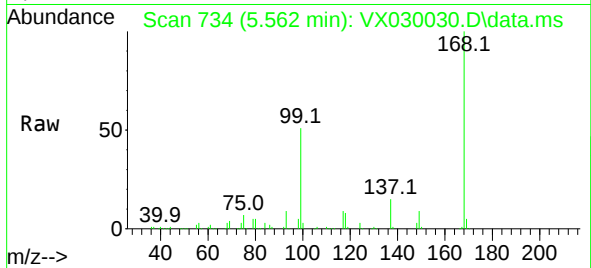
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
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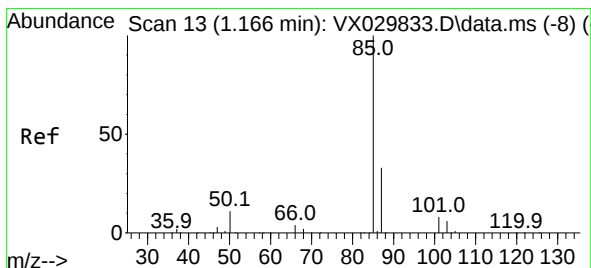
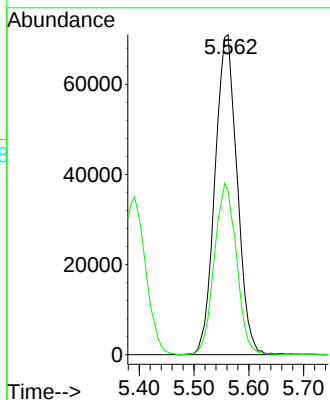
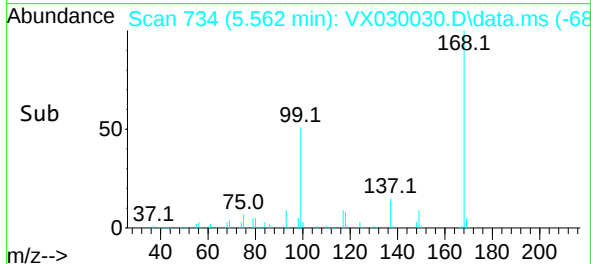
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 199594
Ion Ratio Lower Upper
168 100
99 51.1 44.0 66.0

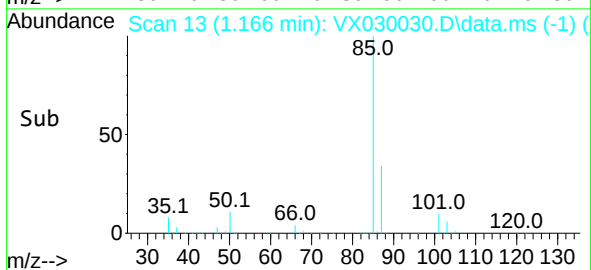
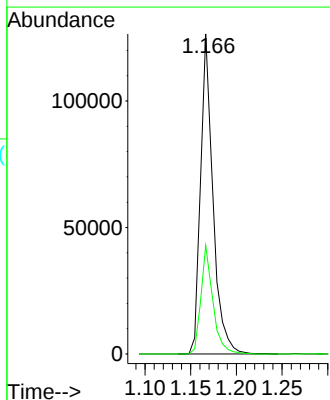
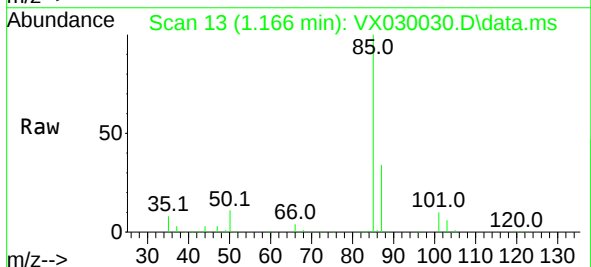
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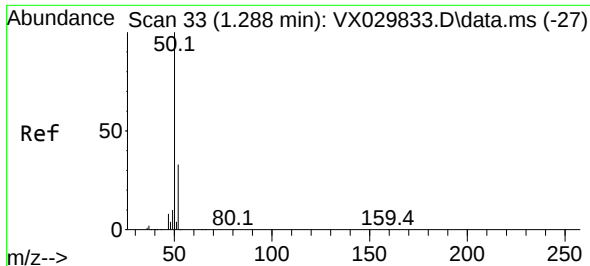
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 52.584 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

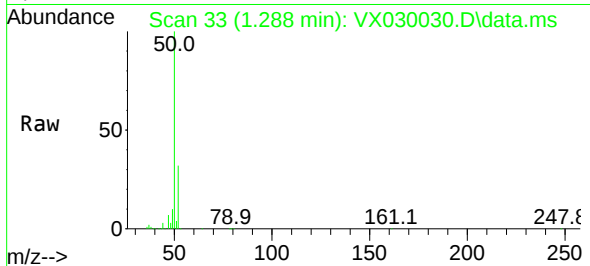
Tgt Ion: 85 Resp: 119094
Ion Ratio Lower Upper
85 100
87 33.9 16.5 49.5





#3
Chloromethane
Concen: 54.105 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

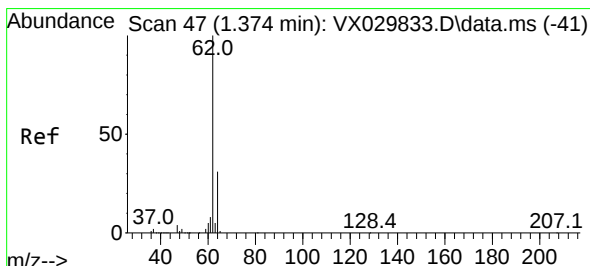
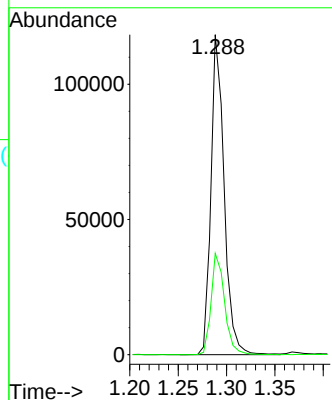
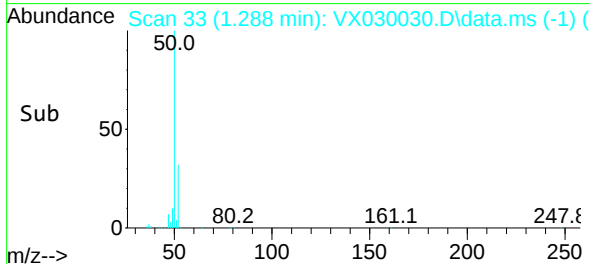
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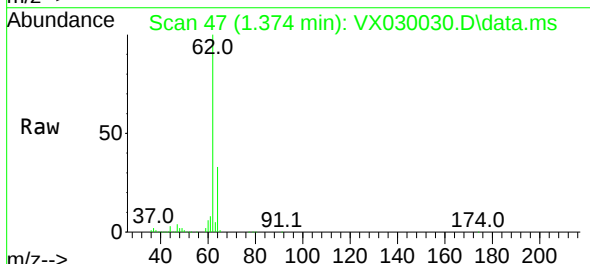
Tgt Ion: 50 Resp: 112532
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5

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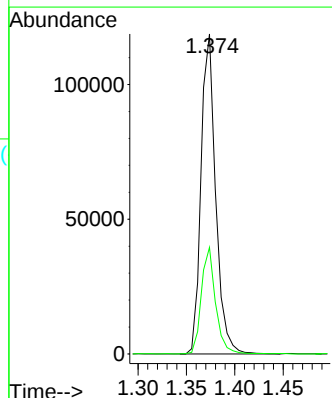
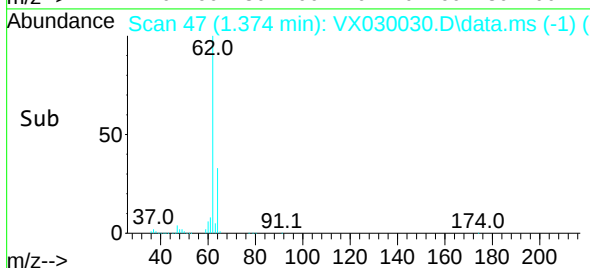
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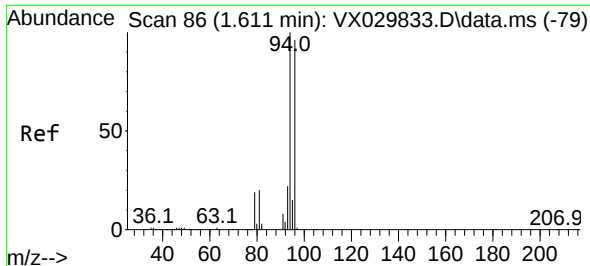


#4
Vinyl Chloride
Concen: 54.231 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



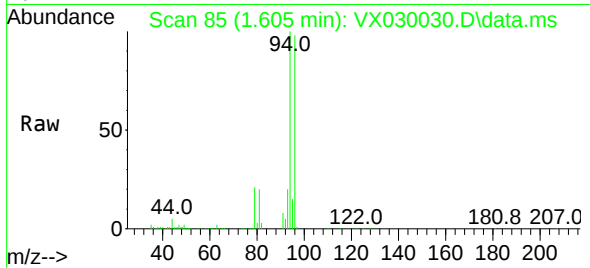
Tgt Ion: 62 Resp: 125282
Ion Ratio Lower Upper
62 100
64 33.3 25.2 37.8





#5
Bromomethane
Concen: 49.740 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

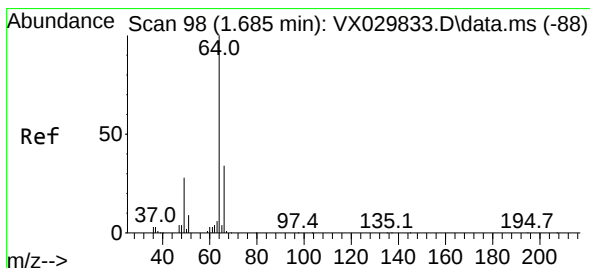
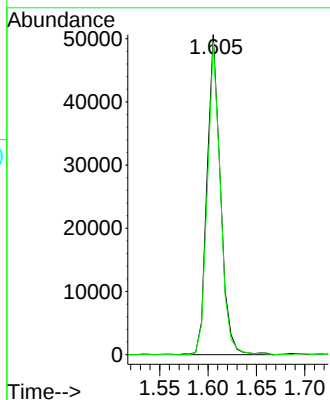
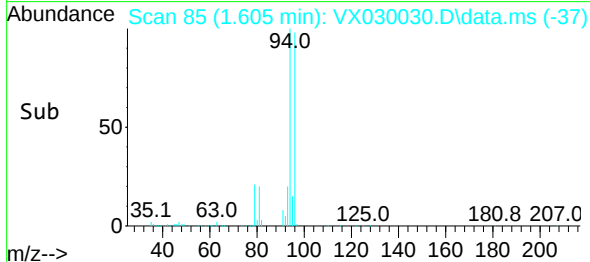
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Tgt Ion: 94 Resp: 4881
Ion Ratio Lower Upper
94 100
96 97.5 76.9 115.3

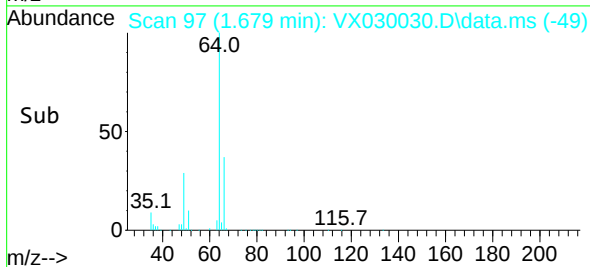
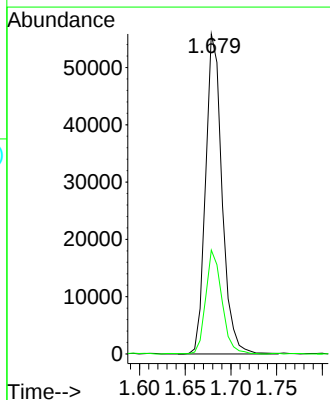
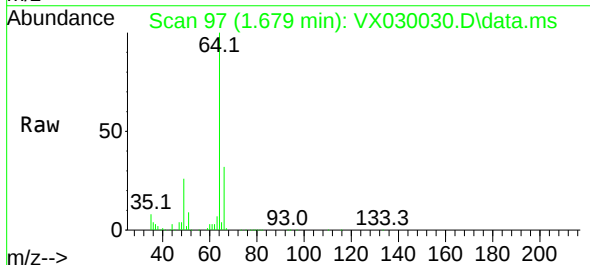
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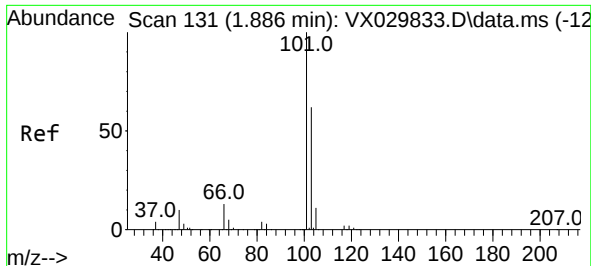
Reviewed By :John Carlone 07/13/2022
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#6
Chloroethane
Concen: 53.447 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX030030.D
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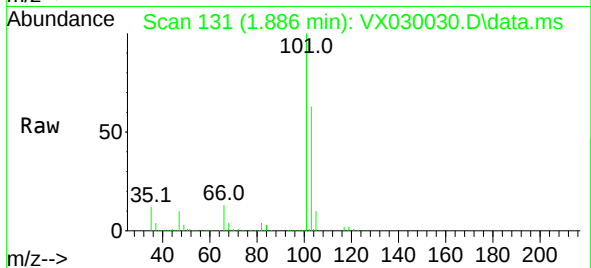
Tgt Ion: 64 Resp: 69530
Ion Ratio Lower Upper
64 100
66 32.3 27.2 40.8





#7
 Trichlorofluoromethane
 Concen: 54.079 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030030.D
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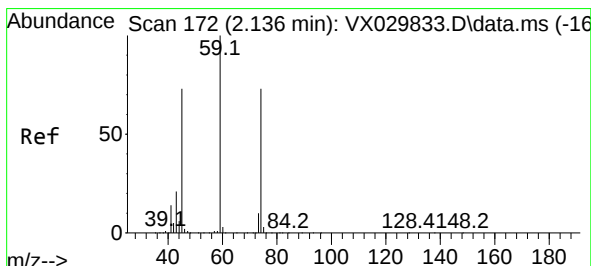
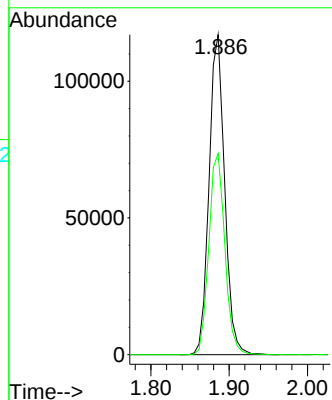
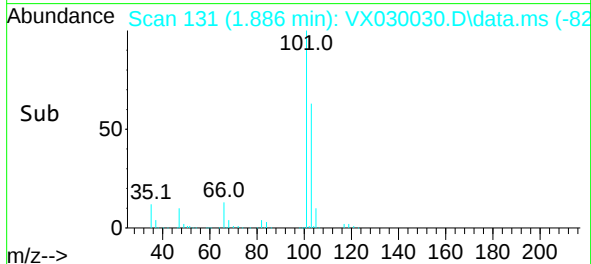
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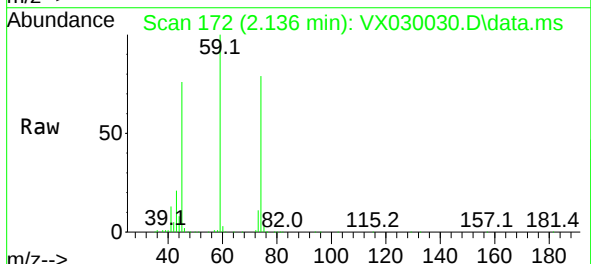
Tgt Ion:101 Resp: 161344
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.7 74.5

Manual Integrations
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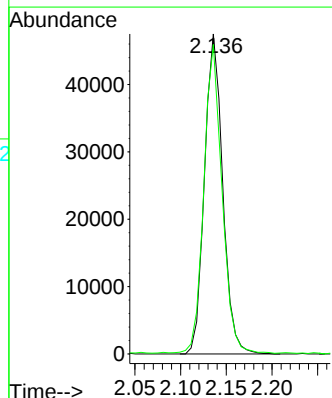
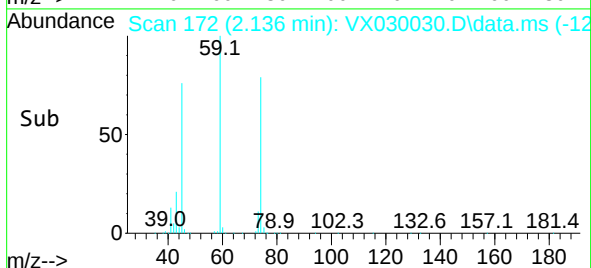
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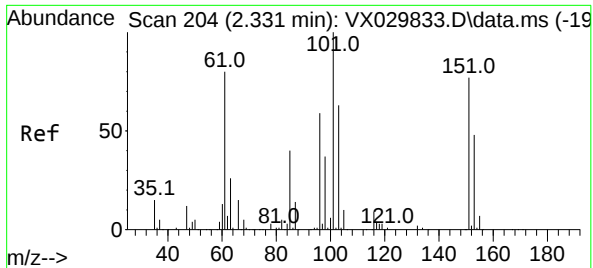


#8
 Diethyl Ether
 Concen: 53.133 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX030030.D
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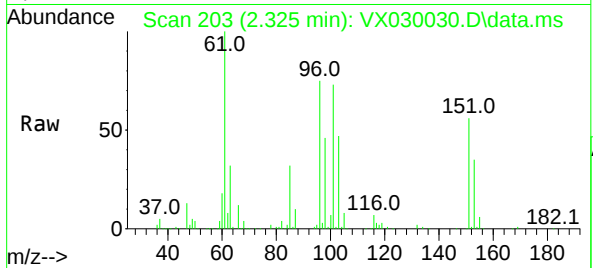
Tgt Ion: 74 Resp: 65580
 Ion Ratio Lower Upper
 74 100
 45 96.6 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.393 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030030.D
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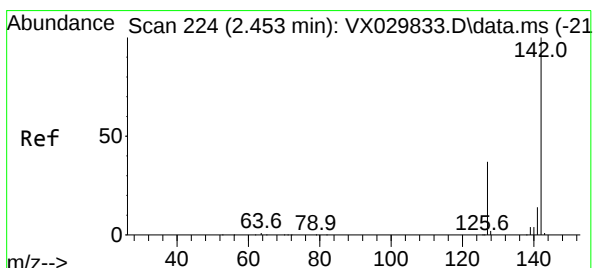
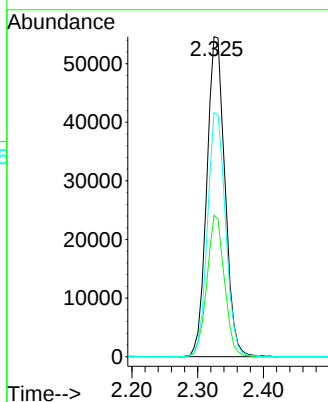
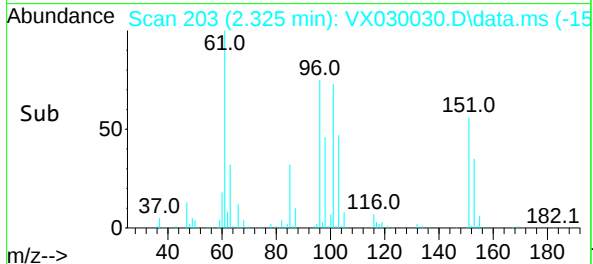
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 104674
Ion Ratio Lower Upper
101 100
85 42.7 34.0 51.0
151 75.9 59.4 89.0

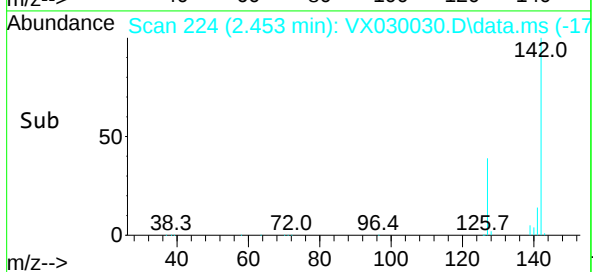
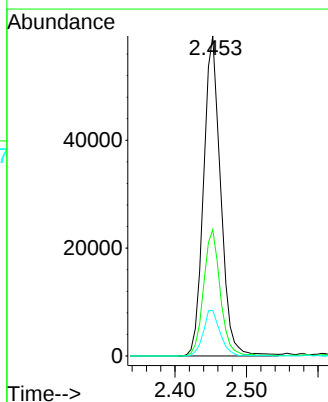
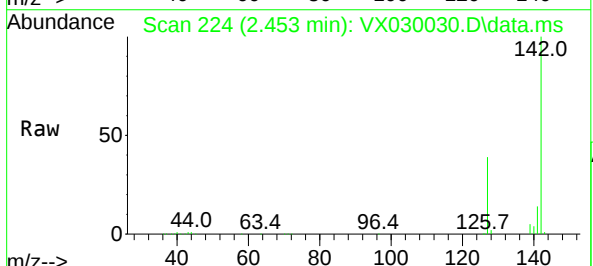
Manual Integrations
APPROVED

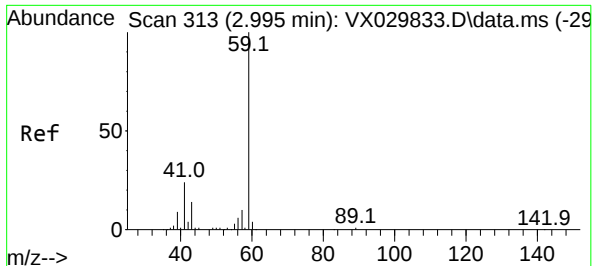
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#10
Methyl Iodide
Concen: 49.310 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

Tgt Ion:142 Resp: 98534
Ion Ratio Lower Upper
142 100
127 38.8 30.2 45.2
141 14.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 240.023 ug/l

RT: 2.983 min Scan# 313

Delta R.T. -0.012 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 150490

Ion Ratio Lower Upper

59 100

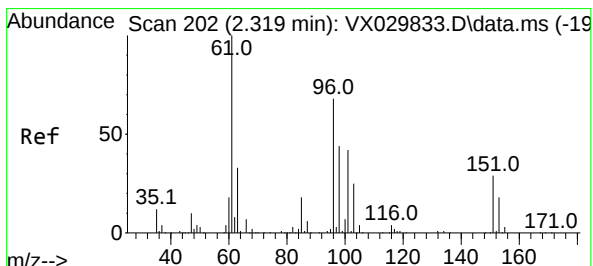
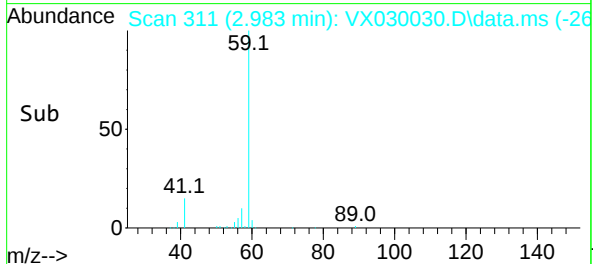
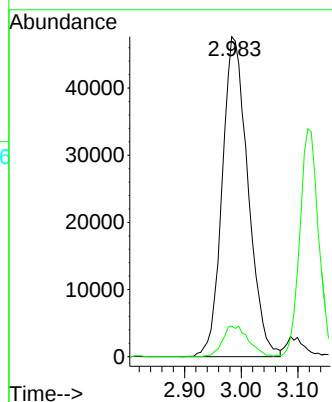
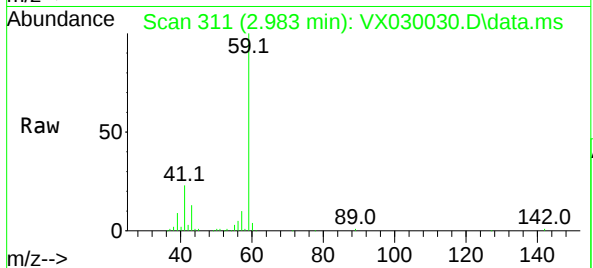
57 9.7 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#12

1,1-Dichloroethene

Concen: 53.617 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

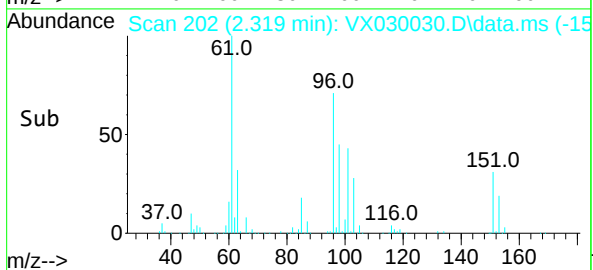
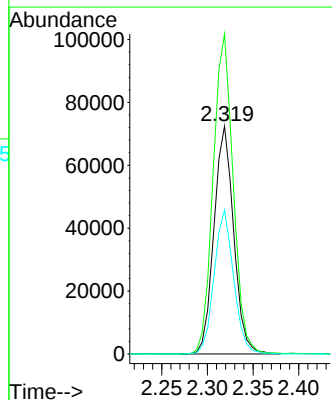
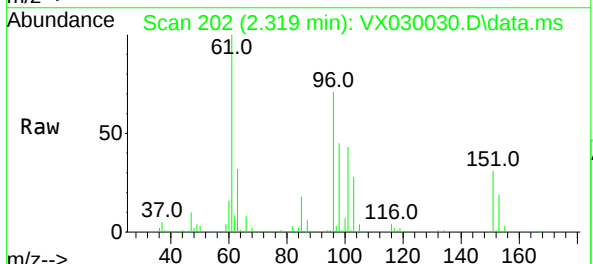
Tgt Ion: 96 Resp: 109034

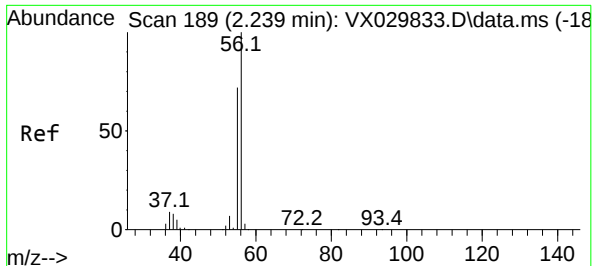
Ion Ratio Lower Upper

96 100

61 140.5 117.4 176.0

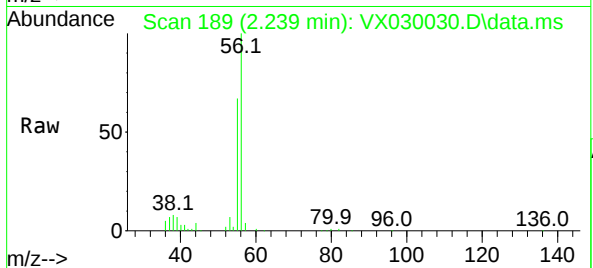
98 63.2 52.2 78.4





#13
Acrolein
Concen: 237.761 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

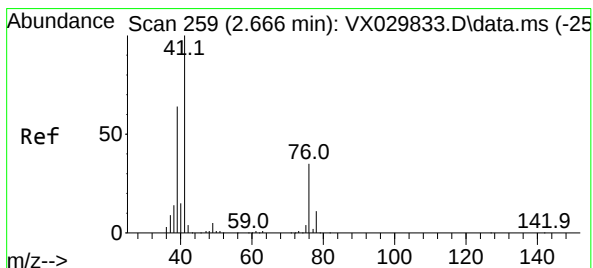
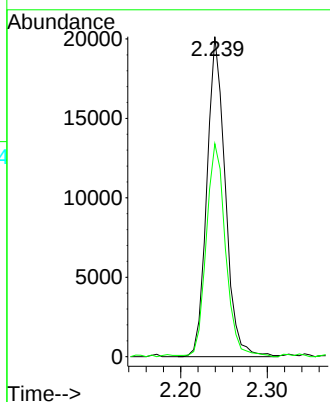
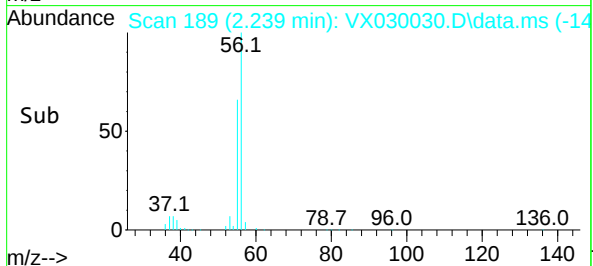
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



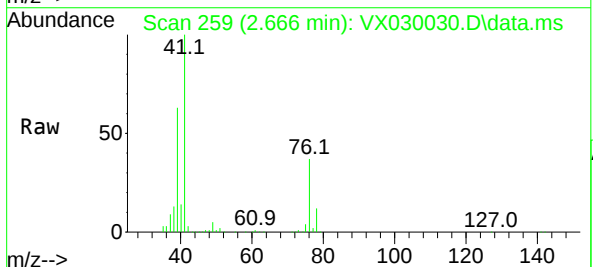
Tgt Ion: 56 Resp: 2969
Ion Ratio Lower Upper
56 100
55 69.6 56.6 84.8

Manual Integrations
APPROVED

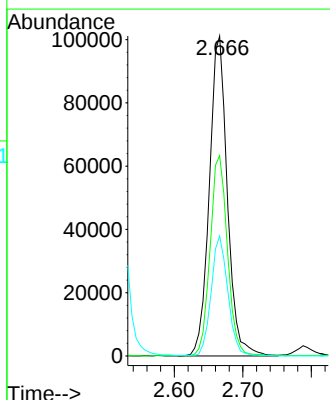
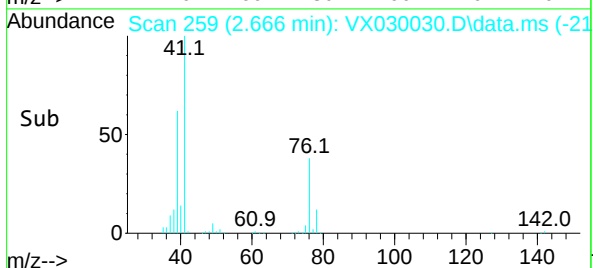
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

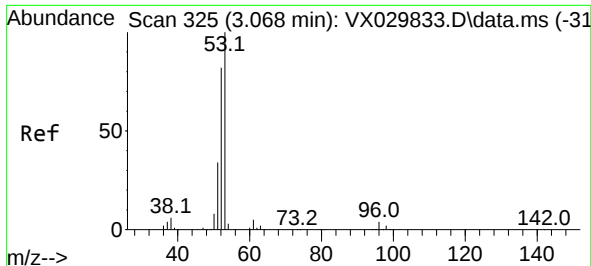


#14
Allyl chloride
Concen: 52.094 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



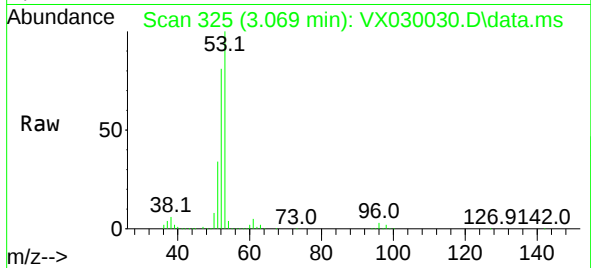
Tgt Ion: 41 Resp: 185126
Ion Ratio Lower Upper
41 100
39 60.1 48.9 73.3
76 34.8 26.9 40.3





#15
Acrylonitrile
Concen: 264.931 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

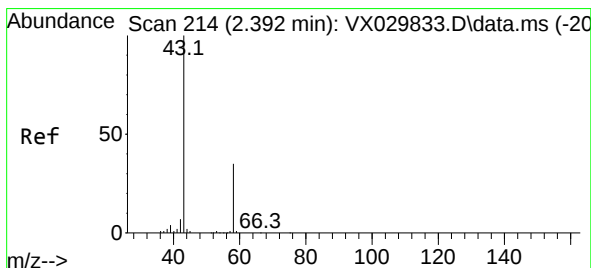
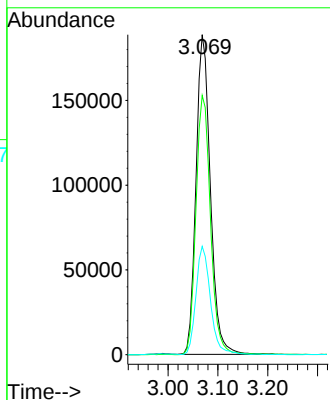
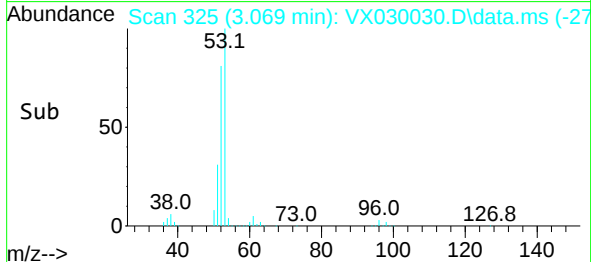
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



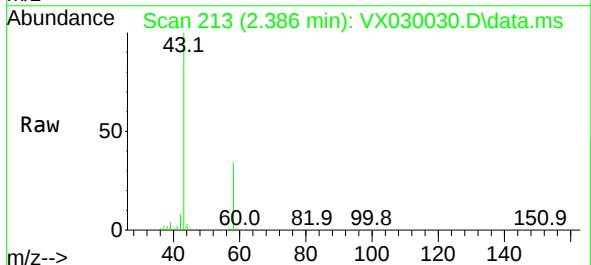
Tgt Ion: 53 Resp: 377520
Ion Ratio Lower Upper
53 100
52 82.2 65.4 98.0
51 34.0 27.7 41.5

Manual Integrations
APPROVED

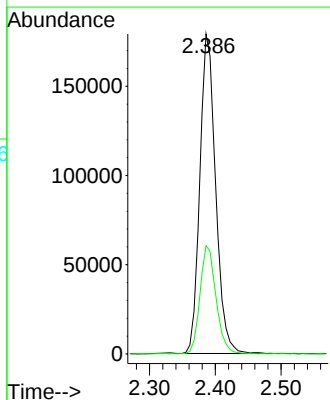
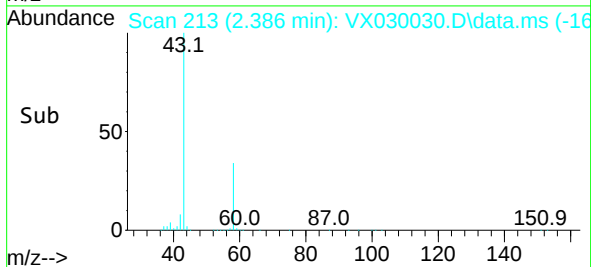
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

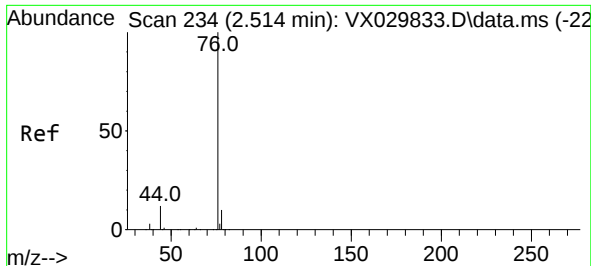


#16
Acetone
Concen: 261.253 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



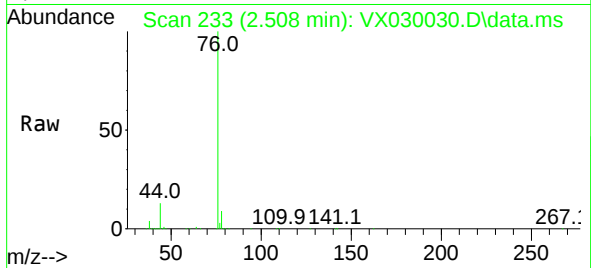
Tgt Ion: 43 Resp: 299071
Ion Ratio Lower Upper
43 100
58 33.9 27.7 41.5





#17
Carbon Disulfide
Concen: 50.774 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

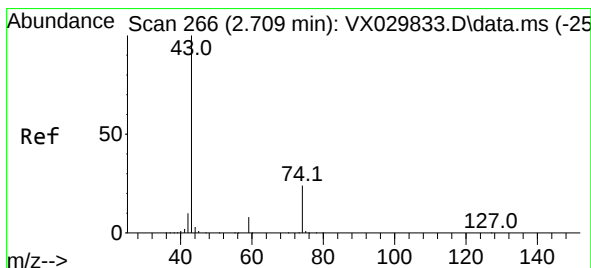
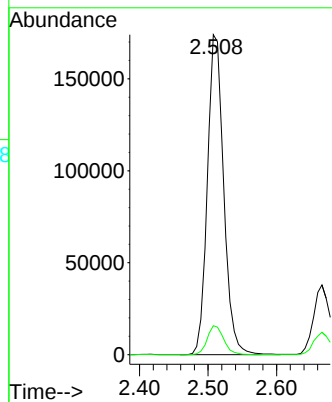
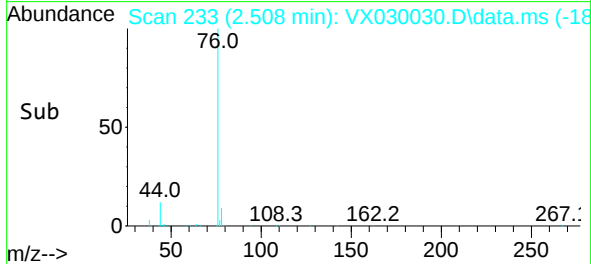
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 288899
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6

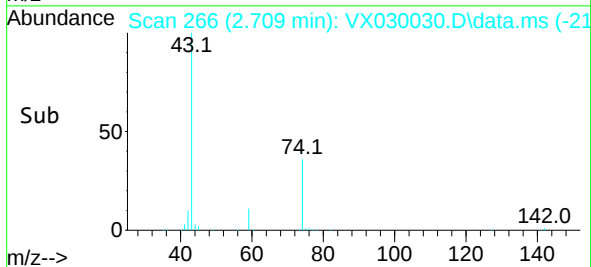
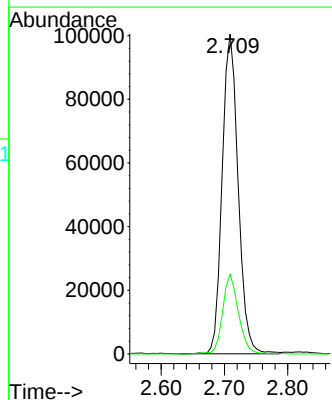
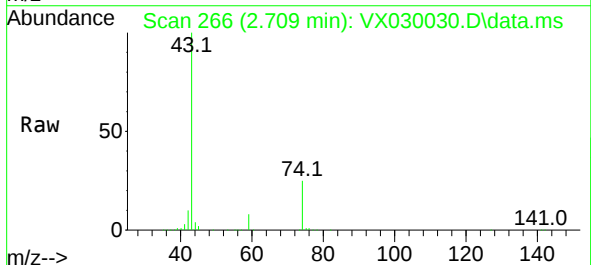
Manual Integrations
APPROVED

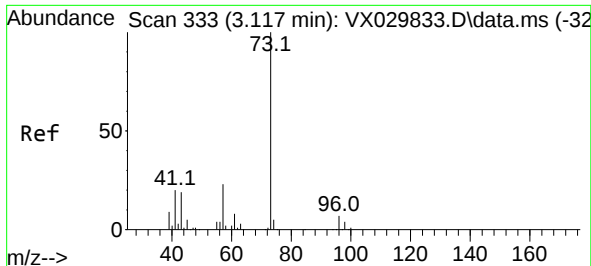
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#18
Methyl Acetate
Concen: 50.397 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

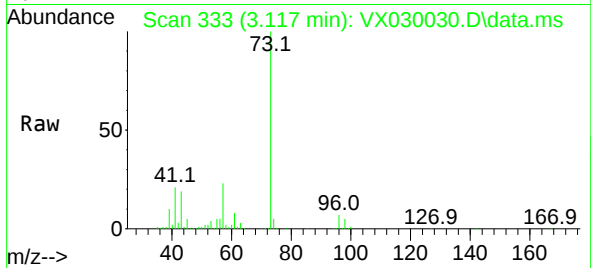
Tgt Ion: 43 Resp: 175511
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 53.152 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

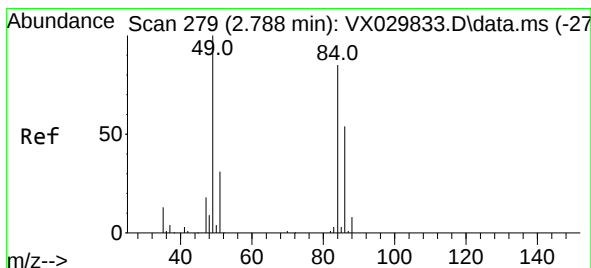
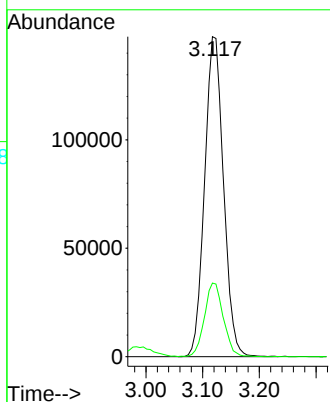
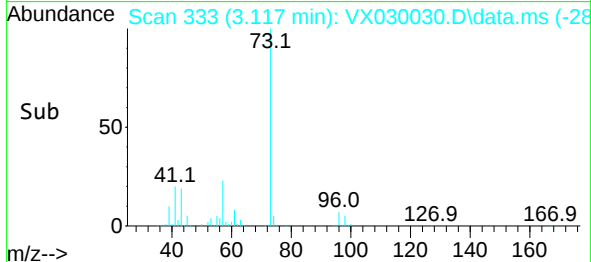
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 34165
Ion Ratio Lower Upper
73 100
57 23.0 19.0 28.6

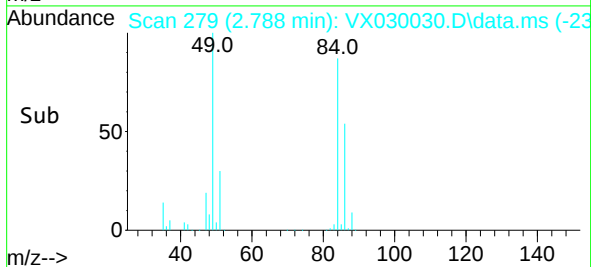
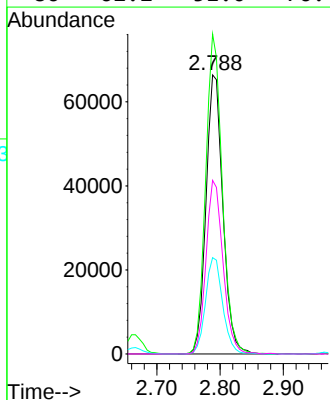
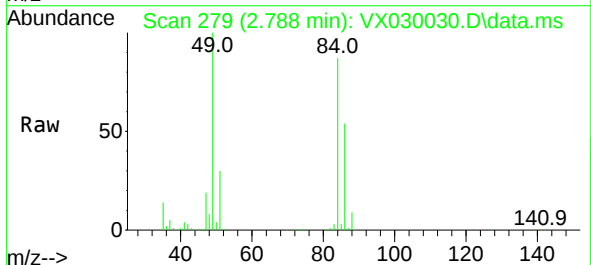
Manual Integrations
APPROVED

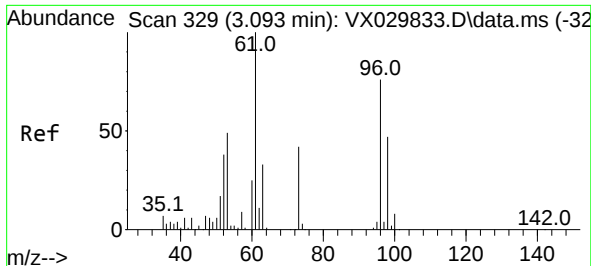
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 53.370 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

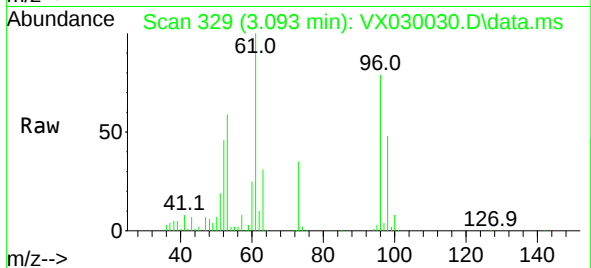
Tgt Ion: 84 Resp: 123227
Ion Ratio Lower Upper
84 100
49 114.7 93.8 140.6
51 34.6 29.4 44.0
86 62.2 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 54.431 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

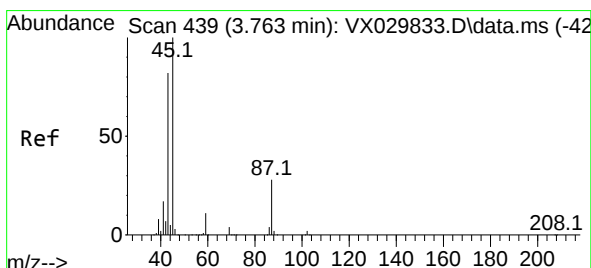
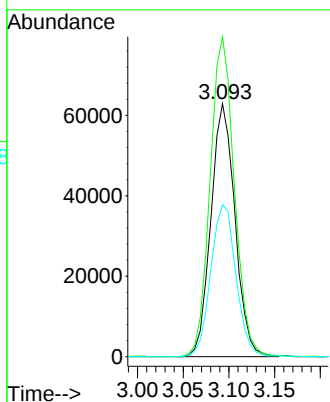
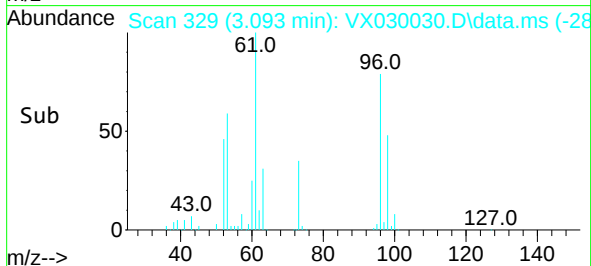
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 115379
Ion Ratio Lower Upper
96 100
61 126.5 105.6 158.4
98 60.2 50.1 75.1

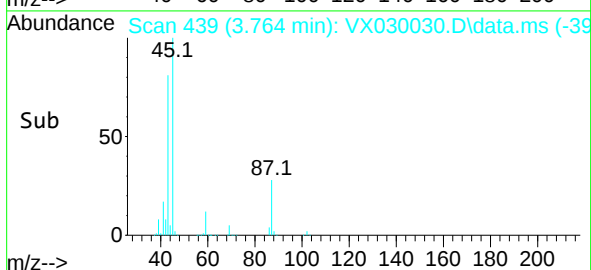
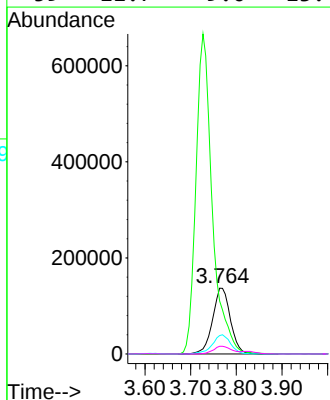
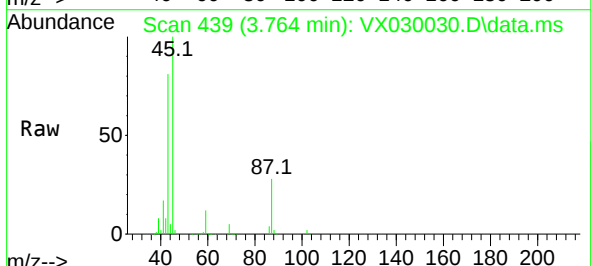
Manual Integrations
APPROVED

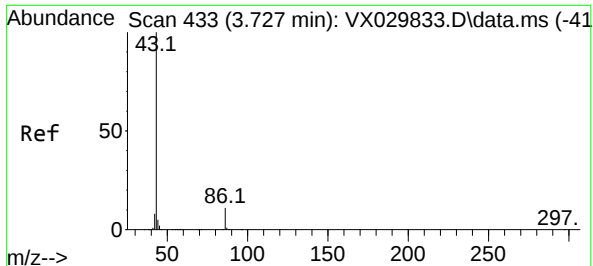
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#22
Diisopropyl ether
Concen: 53.238 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

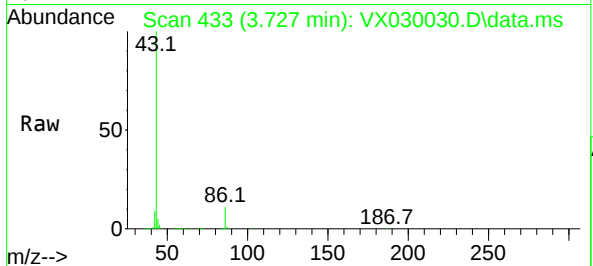
Tgt Ion: 45 Resp: 370327
Ion Ratio Lower Upper
45 100
43 80.5 65.4 98.0
87 28.1 22.3 33.5
59 11.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 280.789 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030030.D
 Acq: 12 Jul 2022 19:25

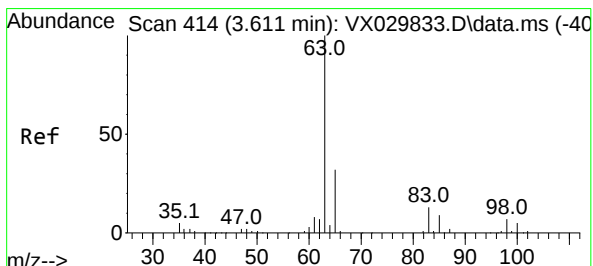
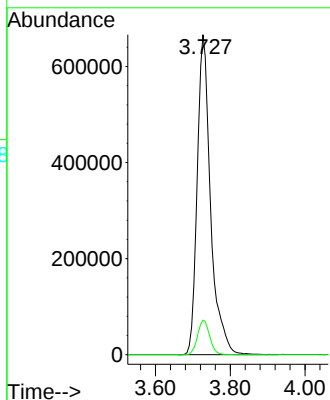
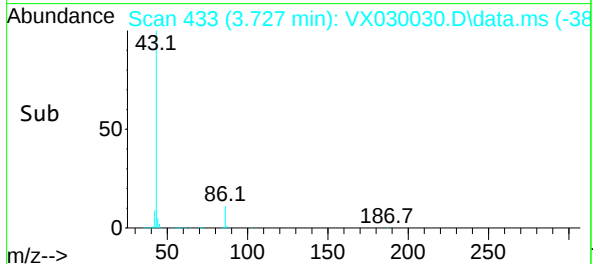
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



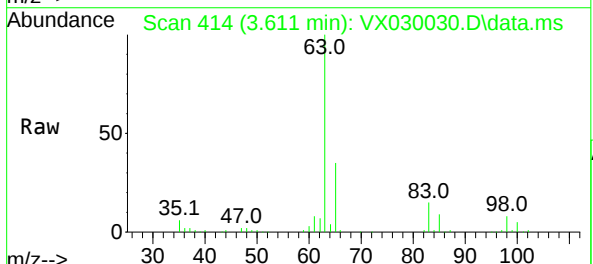
Tgt Ion: 43 Resp: 165349
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7

Manual Integrations
 APPROVED

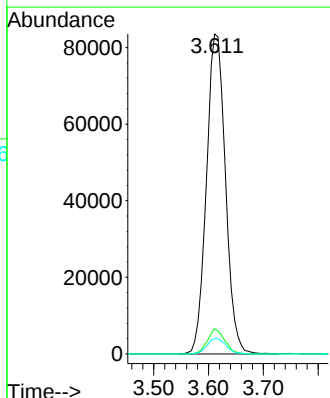
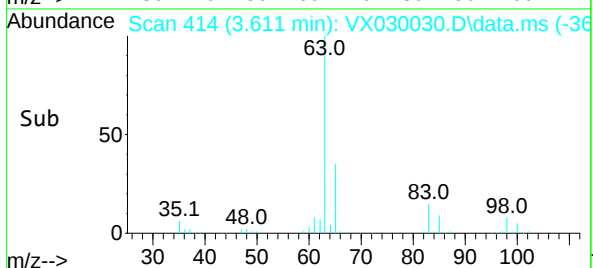
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

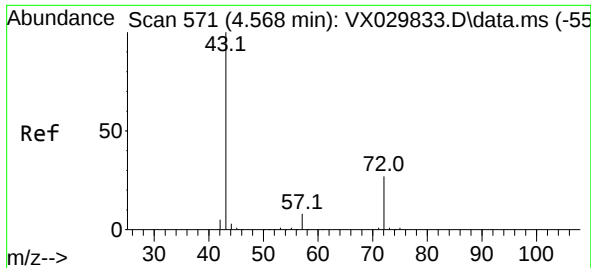


#24
 1,1-Dichloroethane
 Concen: 52.110 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030030.D
 Acq: 12 Jul 2022 19:25



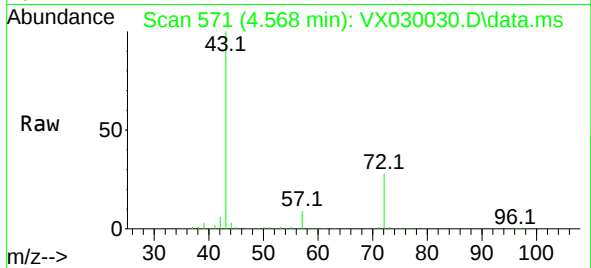
Tgt Ion: 63 Resp: 200864
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.5
 100 4.8 2.3 6.9





#25
2-Butanone
Concen: 269.722 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

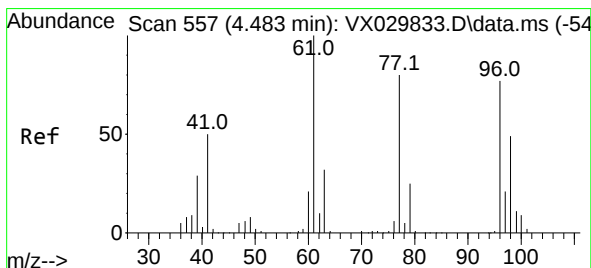
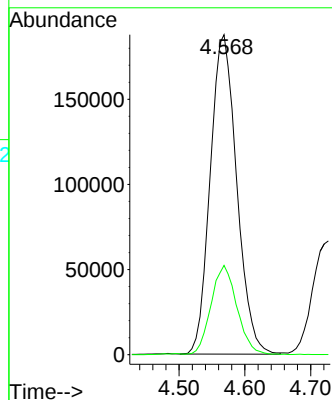
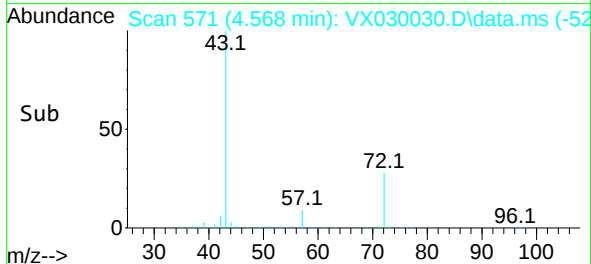
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 52596
Ion Ratio Lower Upper
43 100
72 27.8 21.7 32.5

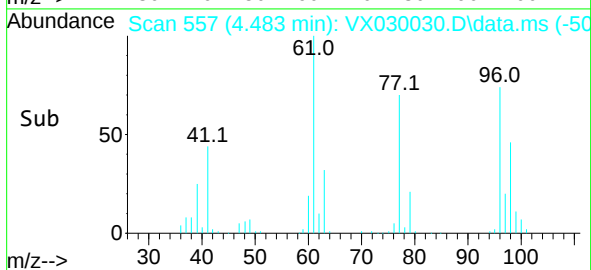
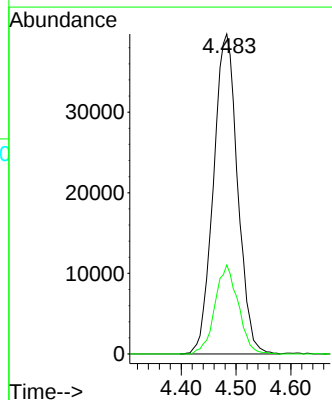
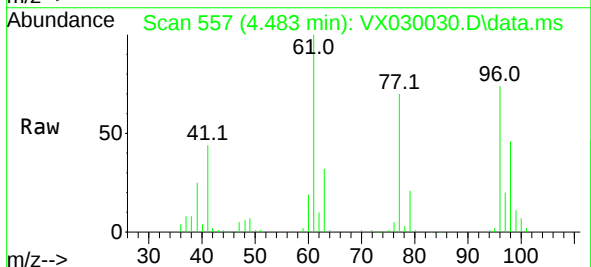
Manual Integrations
APPROVED

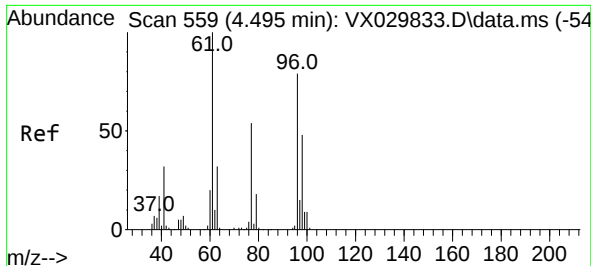
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#26
2,2-Dichloropropane
Concen: 44.853 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

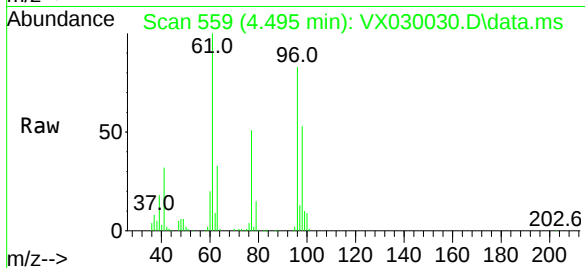
Tgt Ion: 77 Resp: 121449
Ion Ratio Lower Upper
77 100
97 26.8 13.0 39.0





#27
cis-1,2-Dichloroethene
Concen: 51.229 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

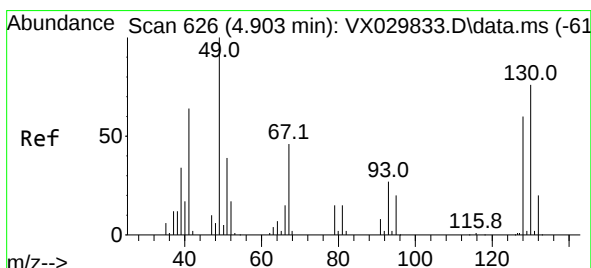
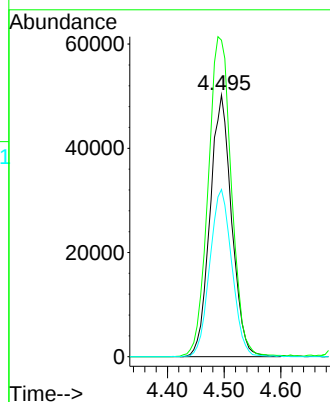
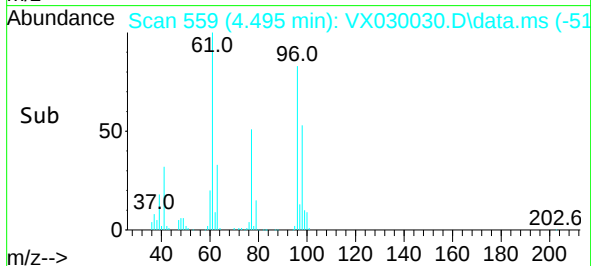
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 132974
Ion Ratio Lower Upper
96 100
61 132.0 0.0 270.0
98 65.3 0.0 127.8

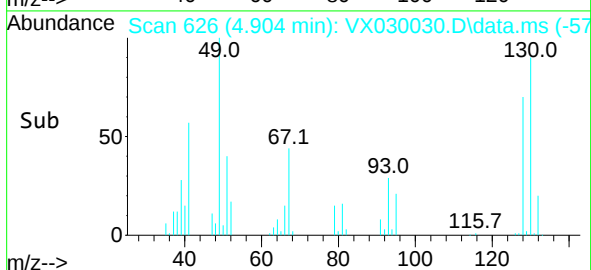
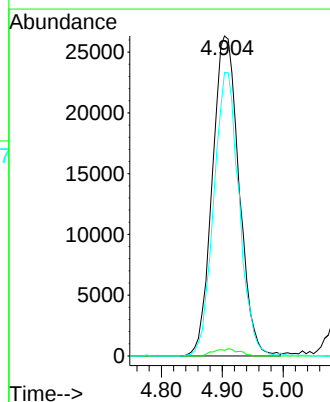
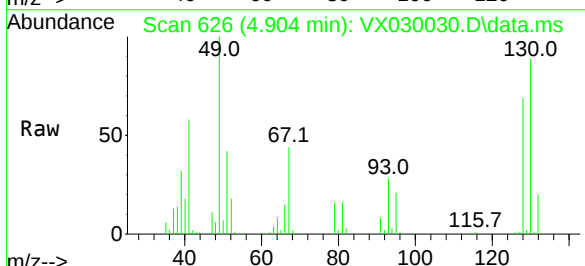
Manual Integrations
APPROVED

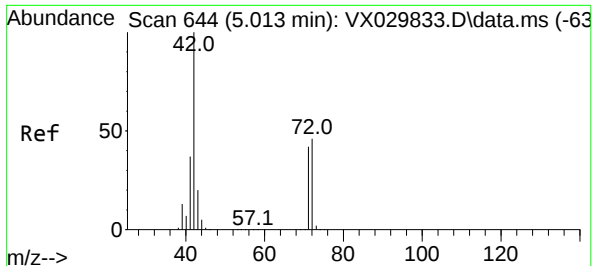
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#28
Bromochloromethane
Concen: 49.458 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.001 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

Tgt Ion: 49 Resp: 80203
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.4
130 84.1 62.8 94.2





#29

Tetrahydrofuran

Concen: 265.944 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030030.D

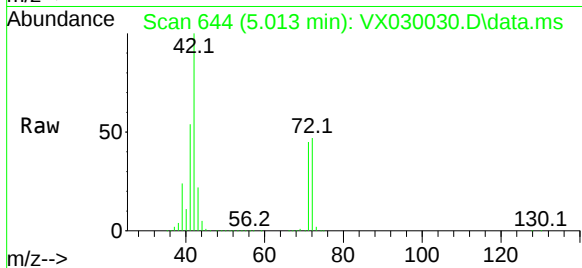
Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



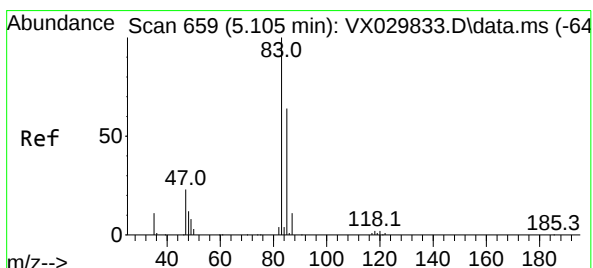
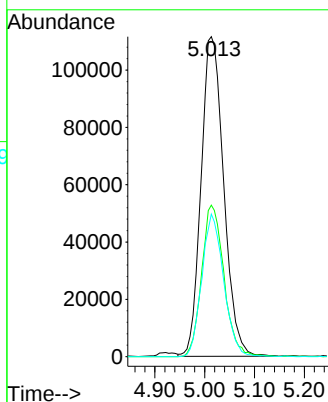
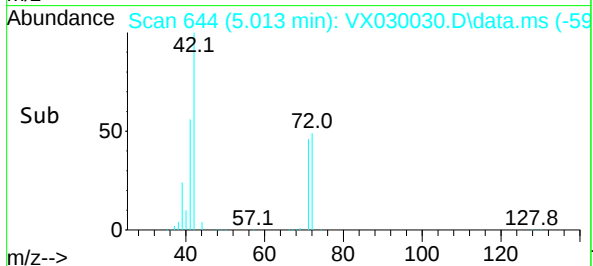
Tgt Ion:	42	Resp:	35194
Ion	Ratio	Lower	Upper
42	100		
72	46.8	36.5	54.7
71	43.1	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 52.562 ug/l

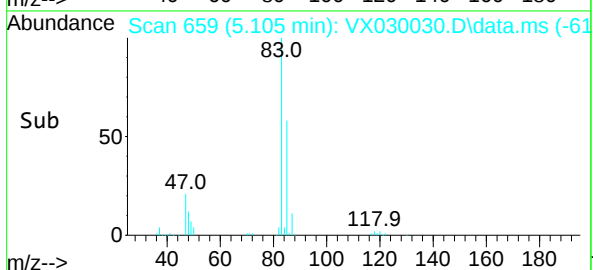
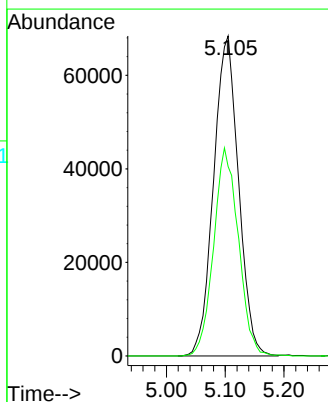
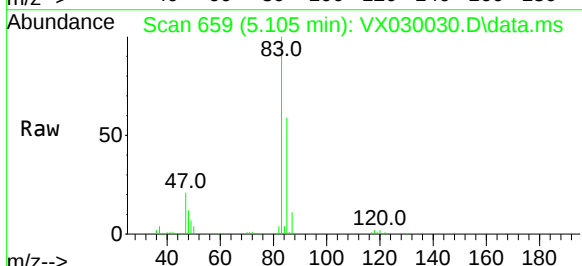
RT: 5.105 min Scan# 659

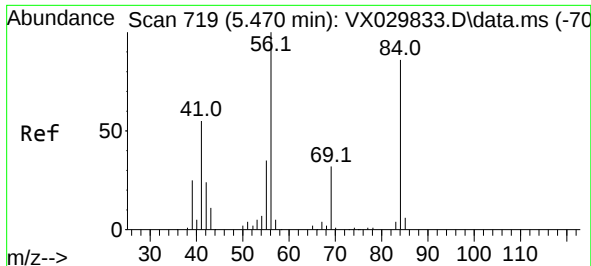
Delta R.T. -0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

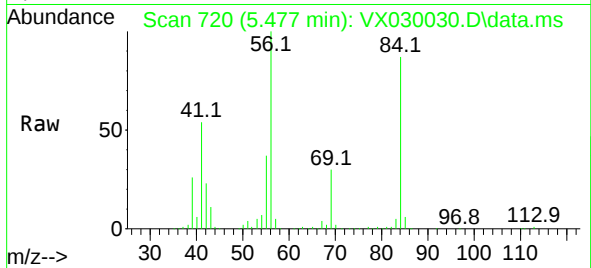
Tgt Ion:	83	Resp:	201910
Ion	Ratio	Lower	Upper
83	100		
85	59.2	51.5	77.3





#31
Cyclohexane
Concen: 53.805 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

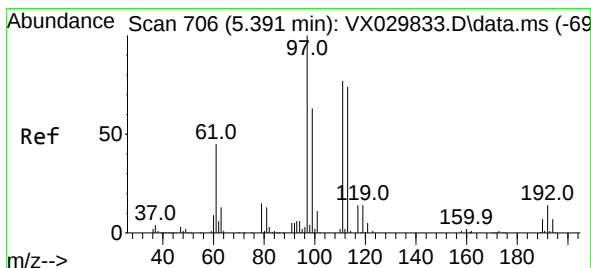
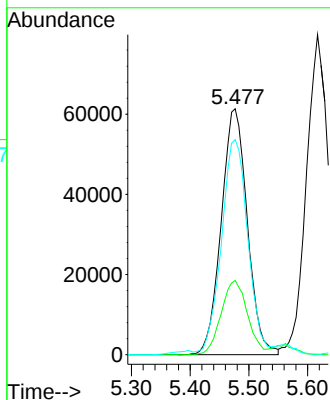
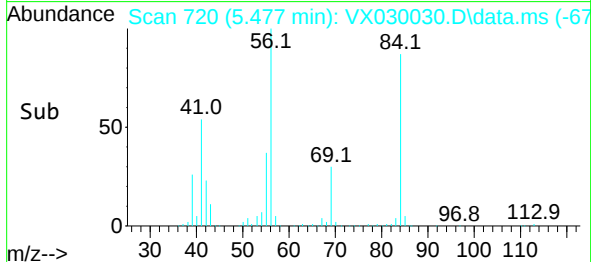
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



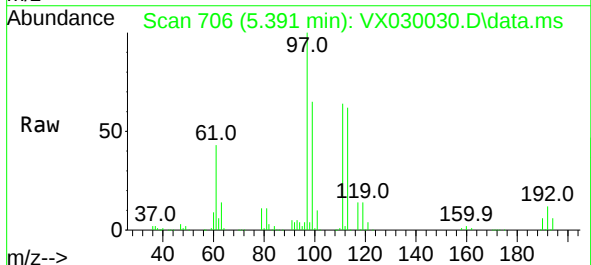
Tgt Ion: 56 Resp: 18949
Ion Ratio Lower Upper
56 100
69 30.2 25.4 38.0
84 86.3 68.9 103.3

Manual Integrations
APPROVED

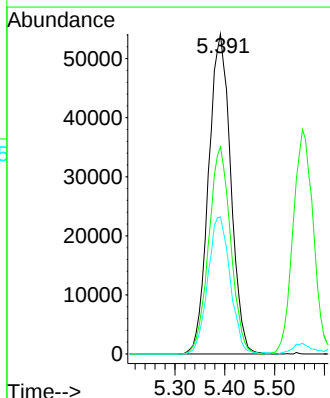
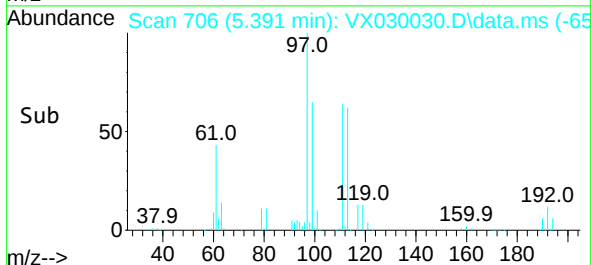
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

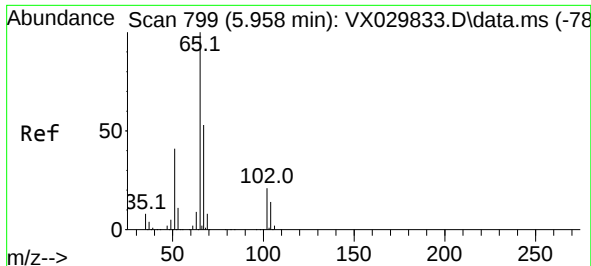


#32
1,1,1-Trichloroethane
Concen: 53.201 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



Tgt Ion: 97 Resp: 167028
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 43.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 45.638 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 11087

Ion Ratio Lower Upper

65 100

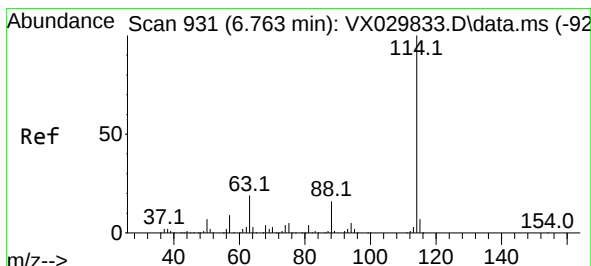
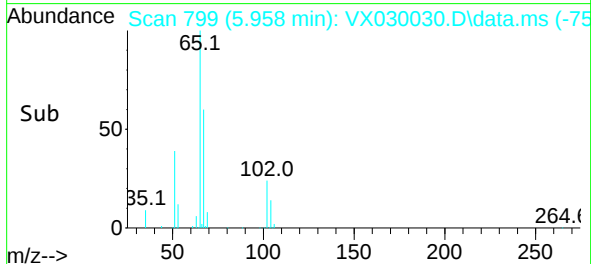
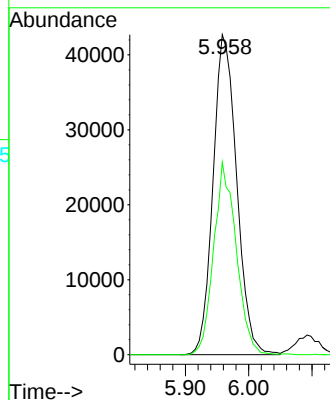
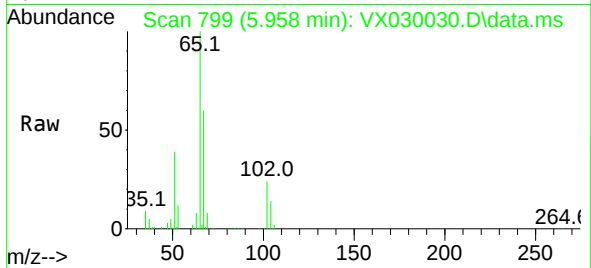
67 57.2 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

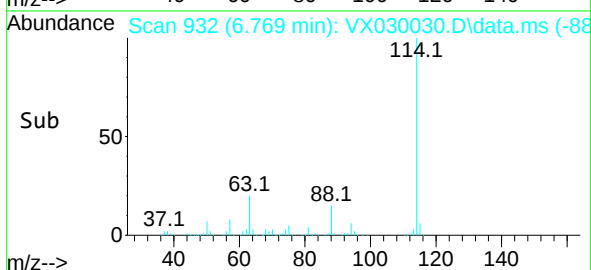
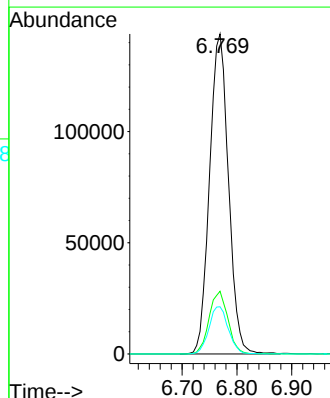
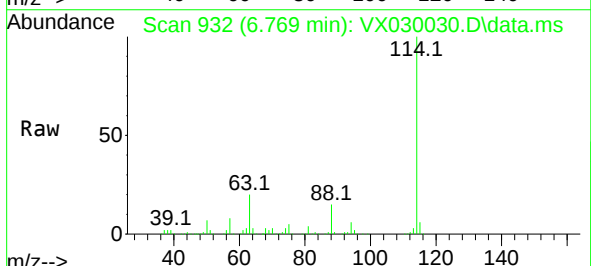
Tgt Ion:114 Resp: 343911

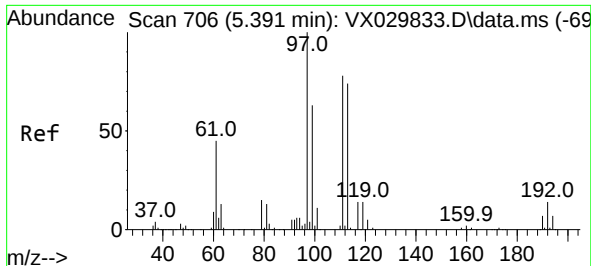
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 44.836 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 9850

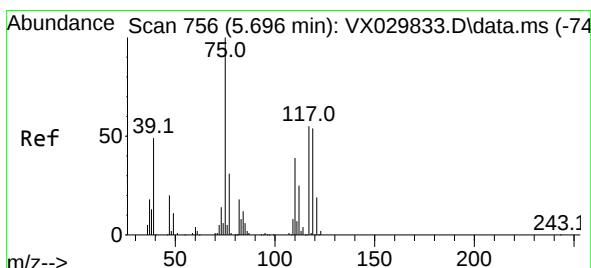
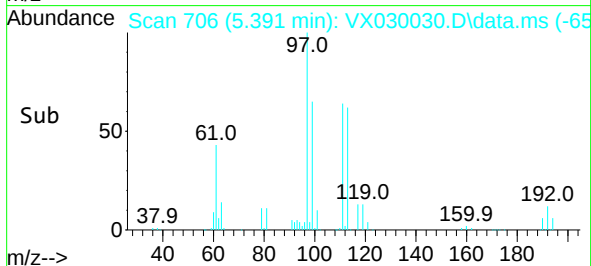
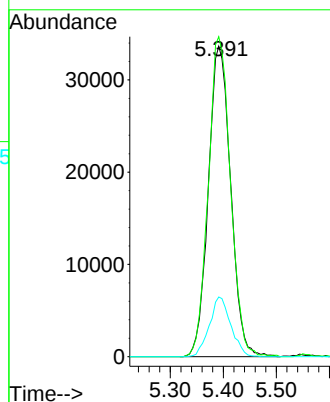
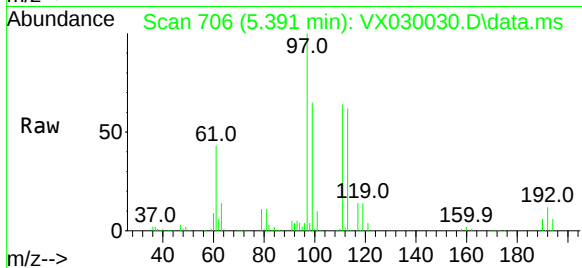
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.2	124.8
192	18.5	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#36

1,1-Dichloropropene

Concen: 53.856 ug/l

RT: 5.702 min Scan# 757

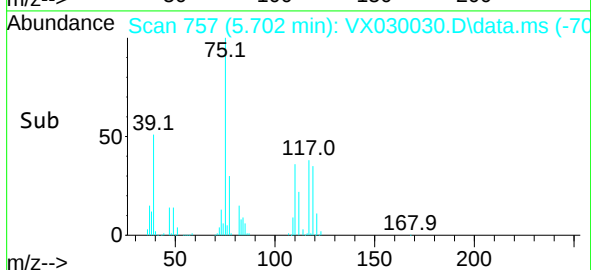
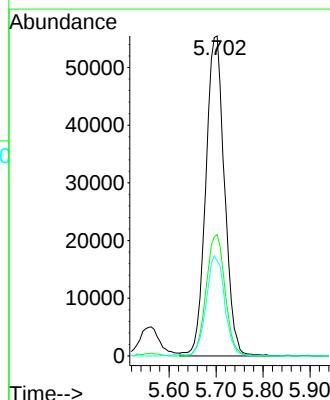
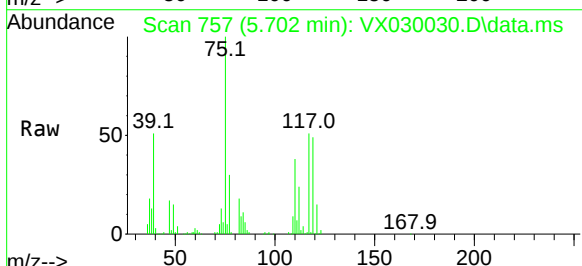
Delta R.T. 0.006 min

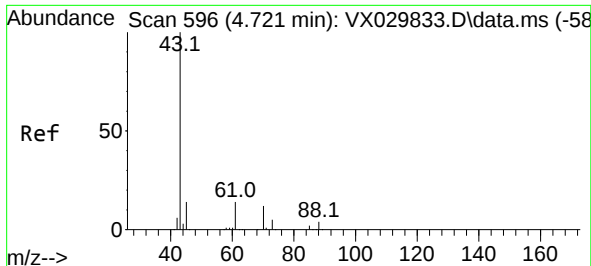
Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Tgt Ion: 75 Resp: 152837

Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.3	57.9
77	30.9	24.4	36.6





#37

Ethyl Acetate

Concen: 53.271 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 194258

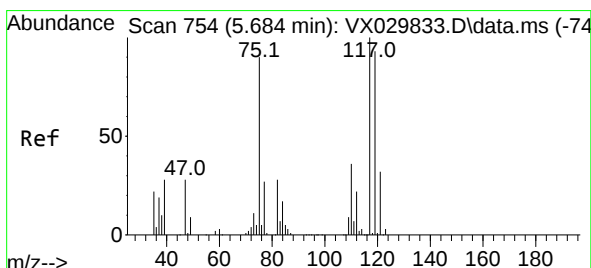
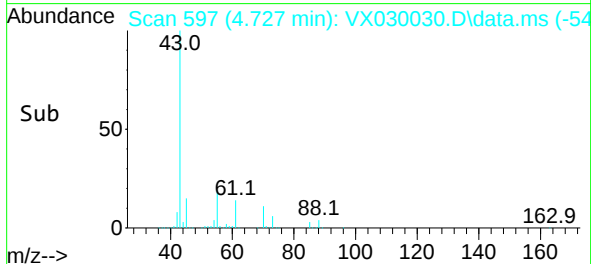
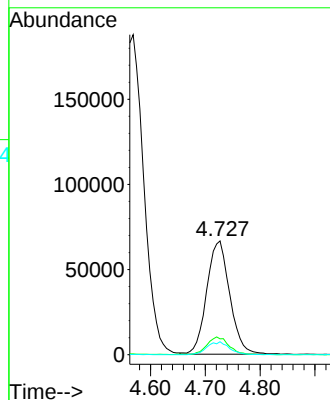
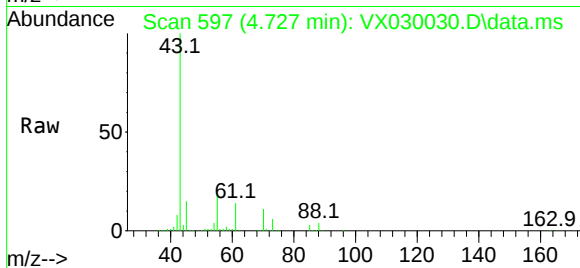
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	10.9	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#38

Carbon Tetrachloride

Concen: 53.213 ug/l

RT: 5.678 min Scan# 753

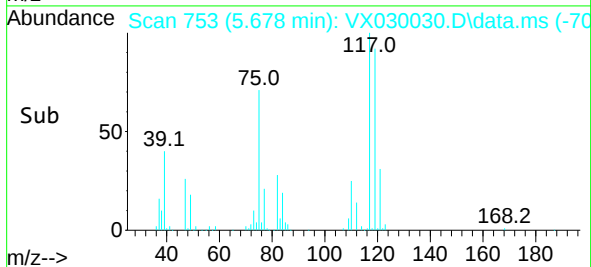
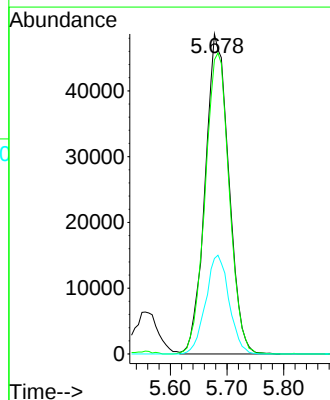
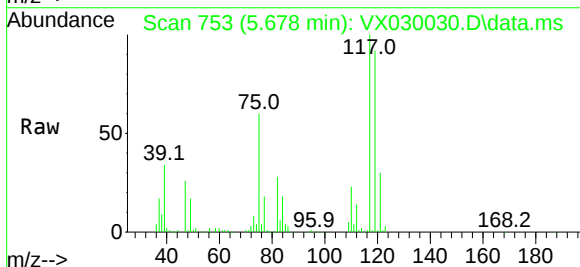
Delta R.T. -0.006 min

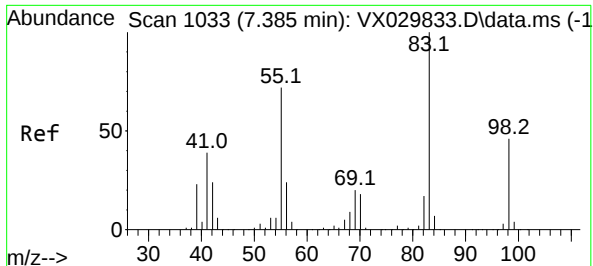
Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Tgt Ion:117 Resp: 140823

Ion	Ratio	Lower	Upper
117	100		
119	92.0	74.1	111.1
121	29.8	25.8	38.8





#39

Methylcyclohexane

Concen: 54.273 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 195249

Ion Ratio Lower Upper

83 100

55 69.2 57.7 86.5

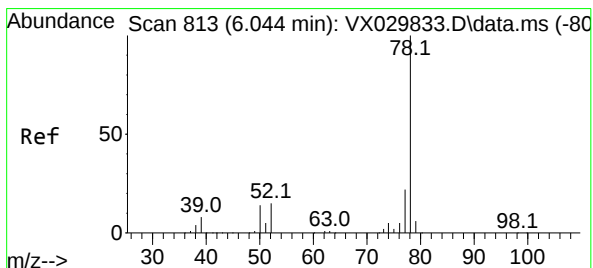
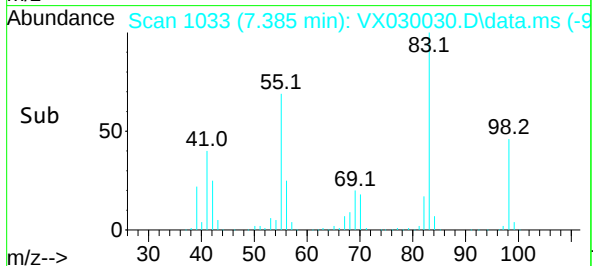
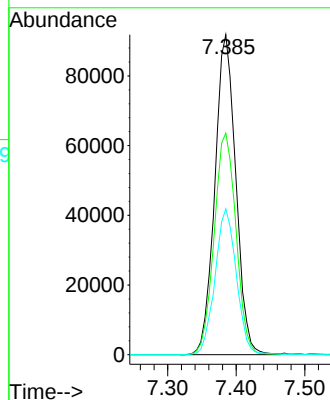
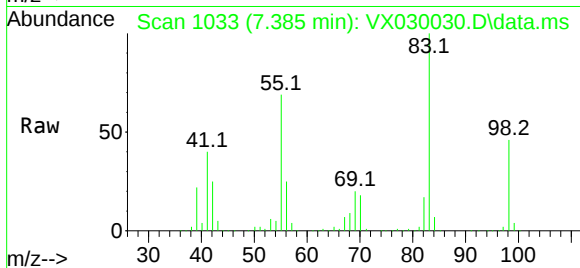
98 45.6 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#40

Benzene

Concen: 54.280 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX030030.D

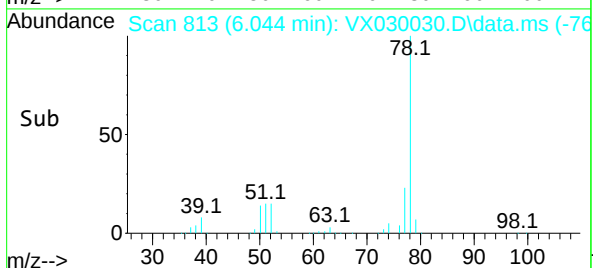
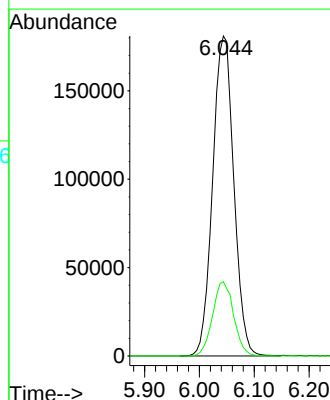
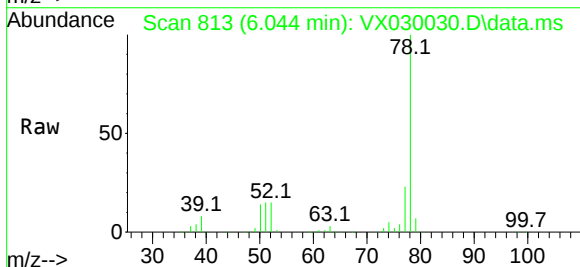
Acq: 12 Jul 2022 19:25

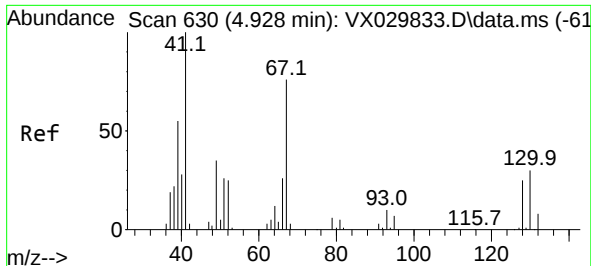
Tgt Ion: 78 Resp: 484837

Ion Ratio Lower Upper

78 100

77 23.2 18.0 27.0





#41
Methacrylonitrile
Concen: 51.575 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

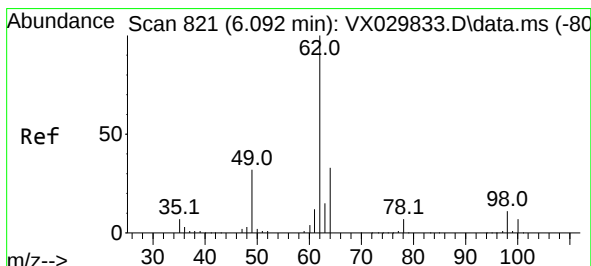
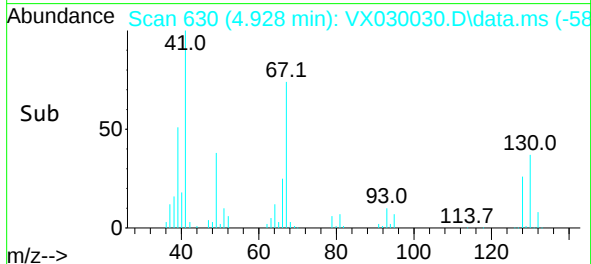
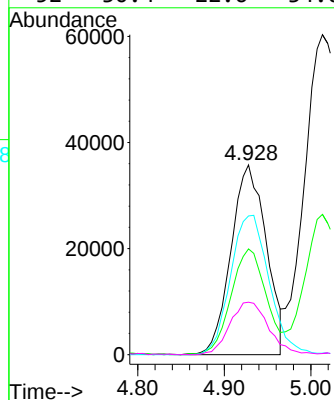
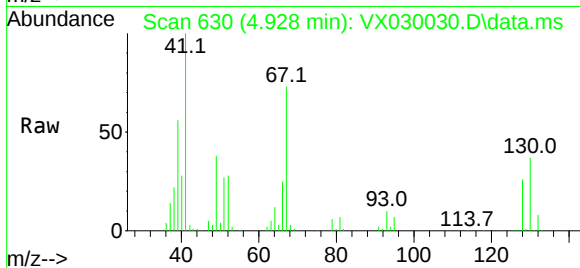
Tgt Ion: 41 Resp: 101260
Ion Ratio Lower Upper
41 100
39 55.2 42.9 64.3
67 80.8 60.1 90.1
52 30.4 22.6 34.0

Manual Integrations

APPROVED

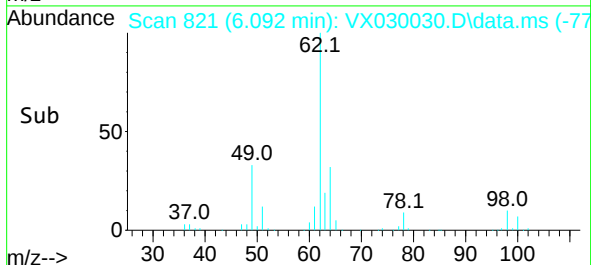
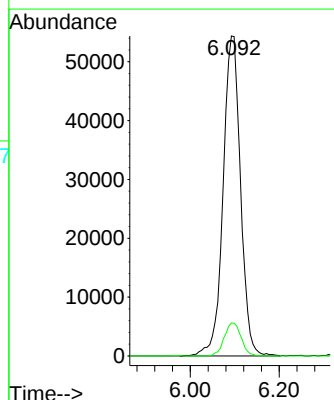
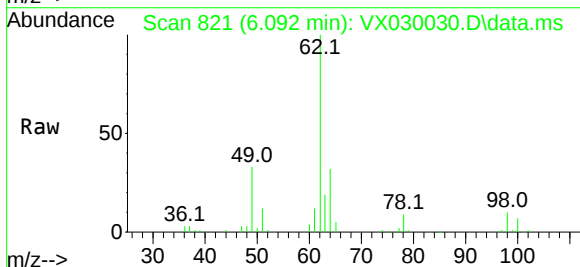
Reviewed By :John Carlone 07/13/2022

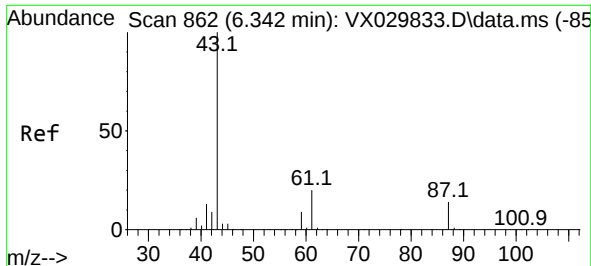
Supervised By :Mahesh Dadoda 07/13/2022



#42
1,2-Dichloroethane
Concen: 53.375 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

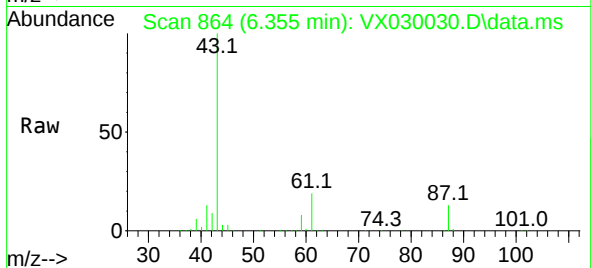
Tgt Ion: 62 Resp: 147755
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43
Isopropyl Acetate
Concen: 55.472 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.013 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

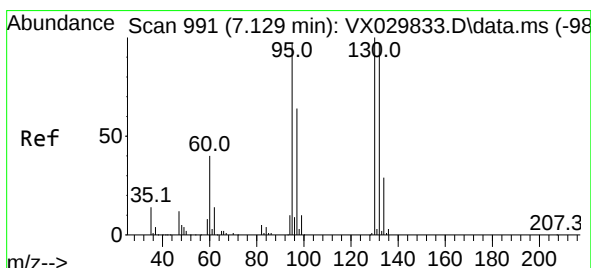
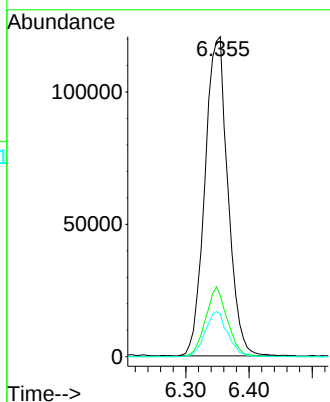
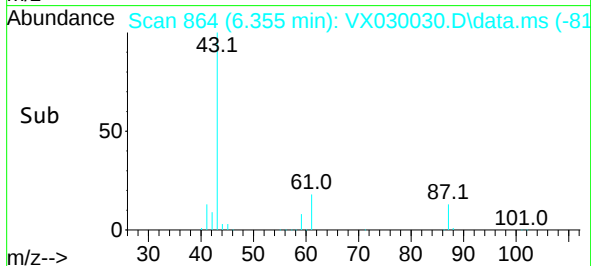
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 30417
Ion Ratio Lower Upper
43 100
61 20.8 16.5 24.7
87 13.8 11.1 16.7

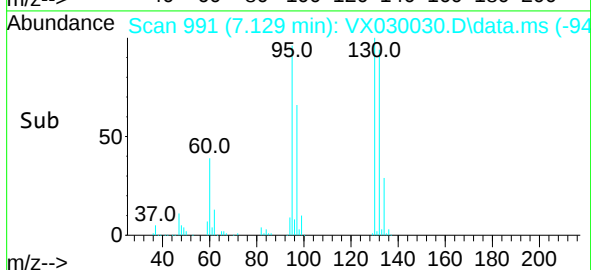
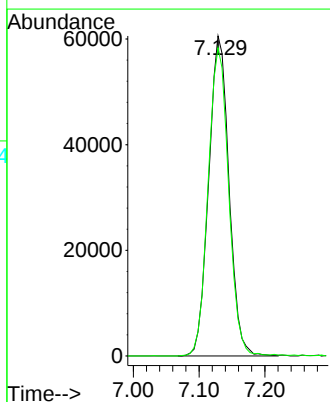
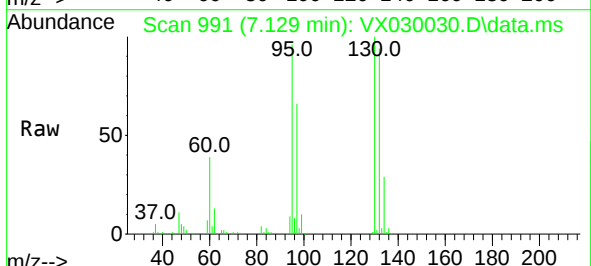
Manual Integrations
APPROVED

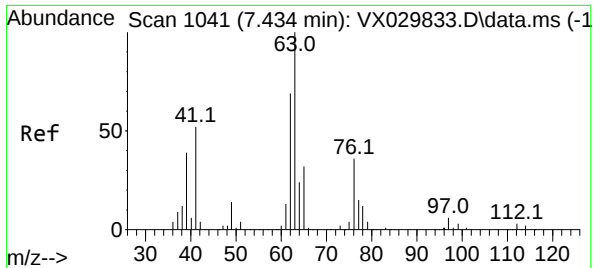
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#44
Trichloroethene
Concen: 49.910 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

Tgt Ion:130 Resp: 130271
Ion Ratio Lower Upper
130 100
95 96.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.342 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12384

Ion Ratio Lower Upper

63 100

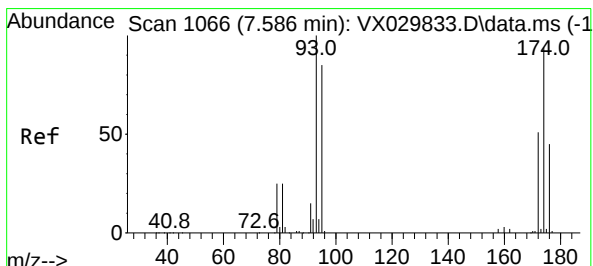
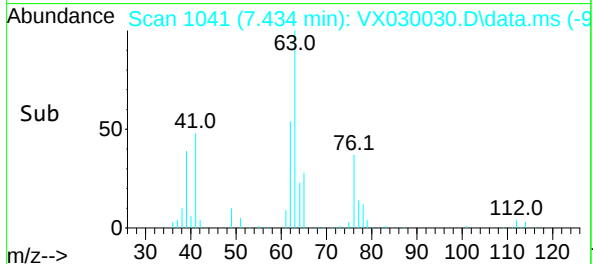
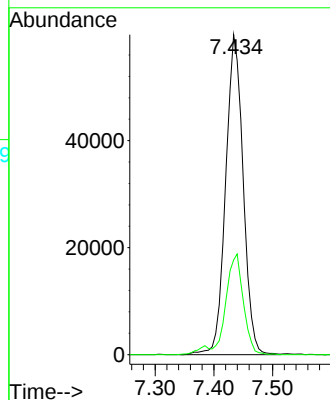
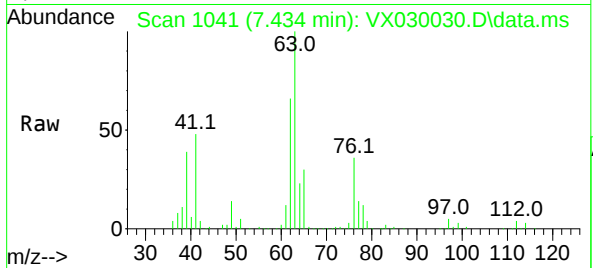
65 29.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#46

Dibromomethane

Concen: 52.236 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

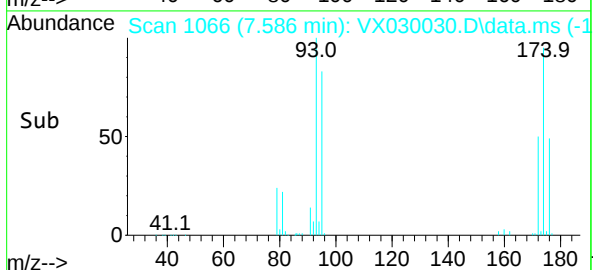
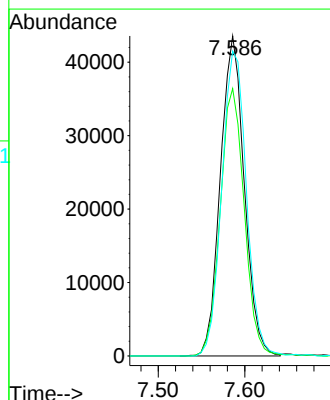
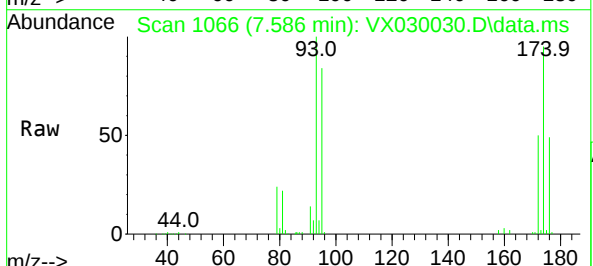
Tgt Ion: 93 Resp: 83471

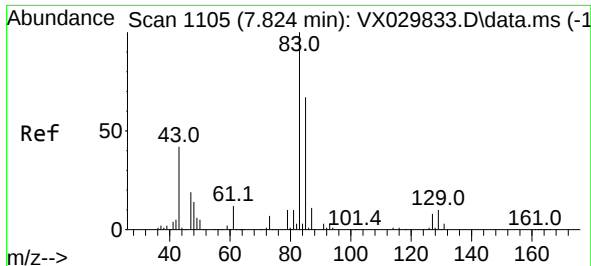
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.0

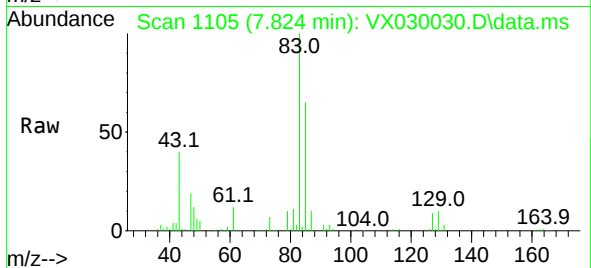
174 98.2 75.6 113.4





#47
Bromodichloromethane
Concen: 52.602 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

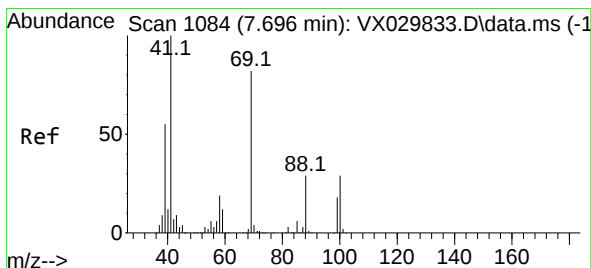
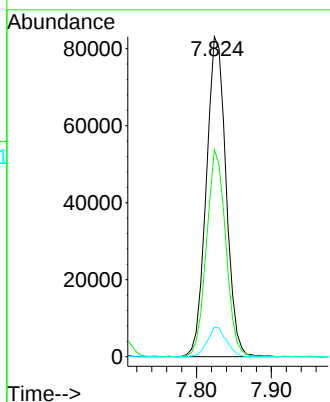
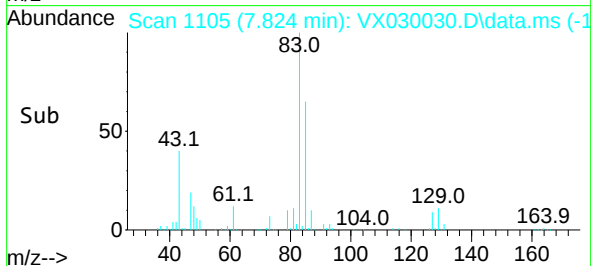
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 15252
Ion Ratio Lower Upper
83 100
85 64.8 53.5 80.3
127 9.2 6.6 10.0

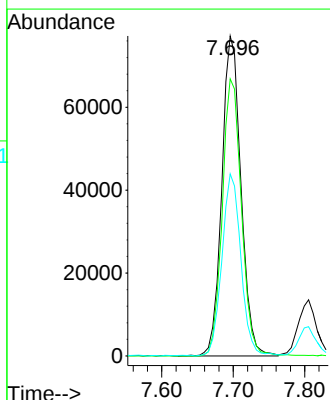
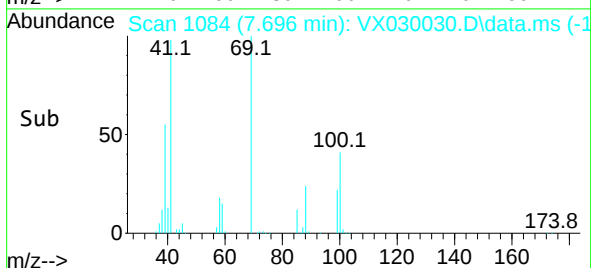
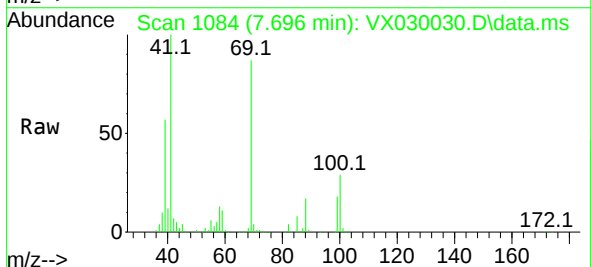
Manual Integrations
APPROVED

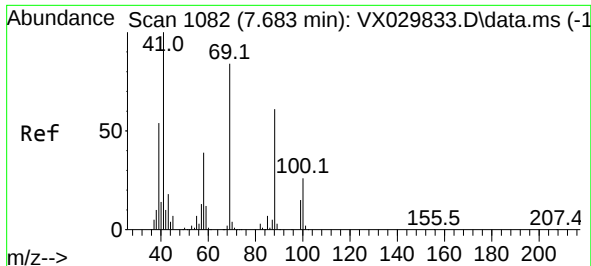
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#48
Methyl methacrylate
Concen: 56.800 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

Tgt Ion: 41 Resp: 143709
Ion Ratio Lower Upper
41 100
69 86.6 68.8 103.2
39 56.3 44.6 66.8





#49

1,4-Dioxane

Concen: 1065.200 ug/l

RT: 7.677 min Scan# 1082

Delta R.T. -0.006 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 70020

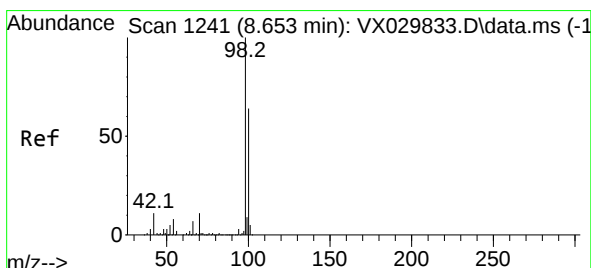
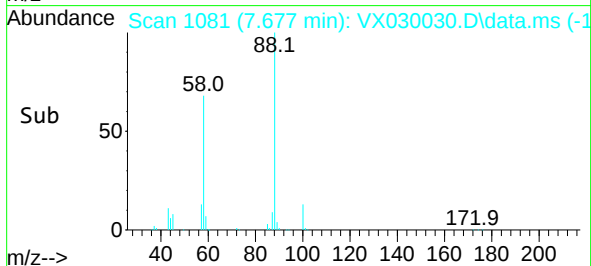
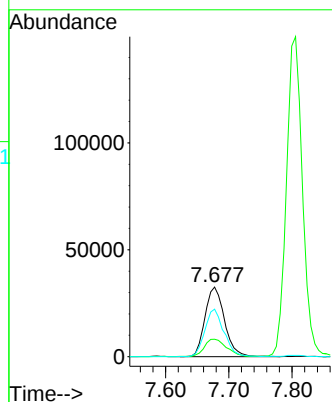
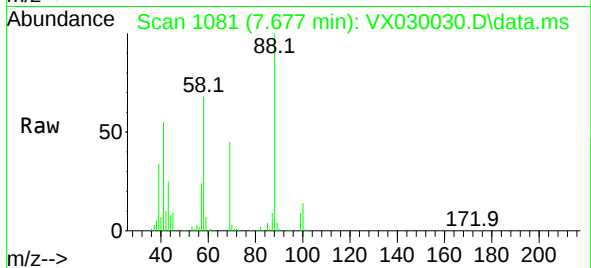
Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.8	35.8
58	66.8	53.8	80.6

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#50

Toluene-d8

Concen: 46.681 ug/l

RT: 8.653 min Scan# 1241

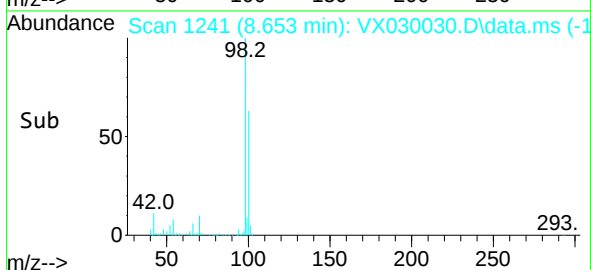
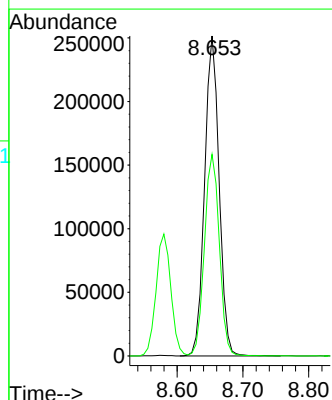
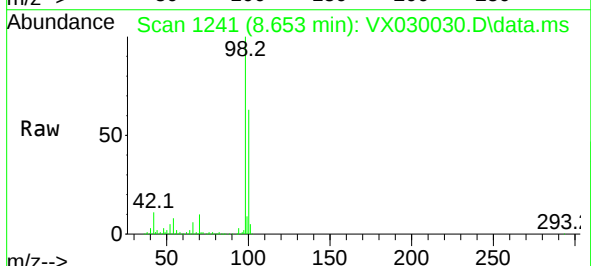
Delta R.T. -0.000 min

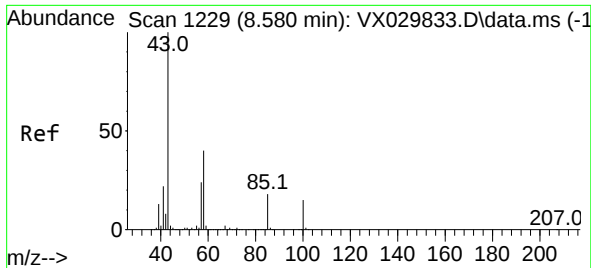
Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Tgt Ion: 98 Resp: 385718

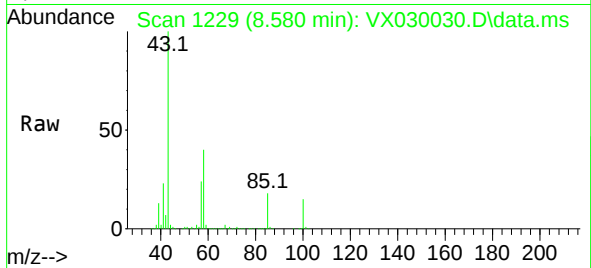
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 273.634 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

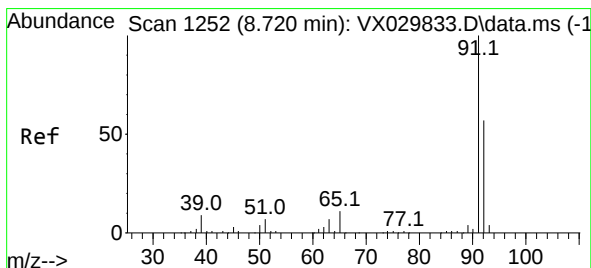
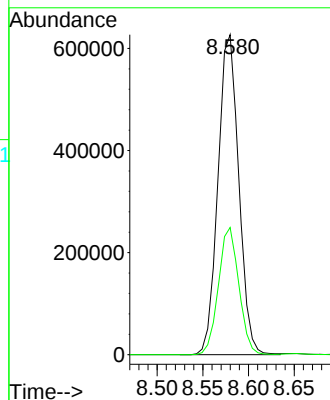
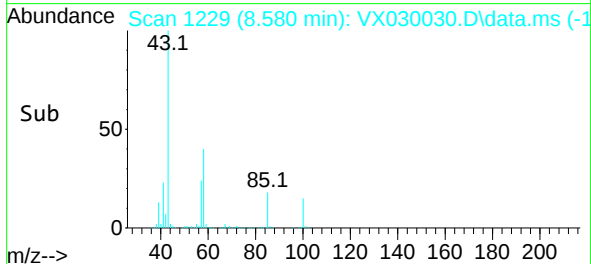
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



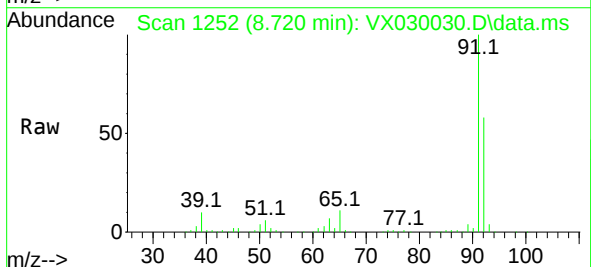
Tgt Ion: 43 Resp: 99290
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.2

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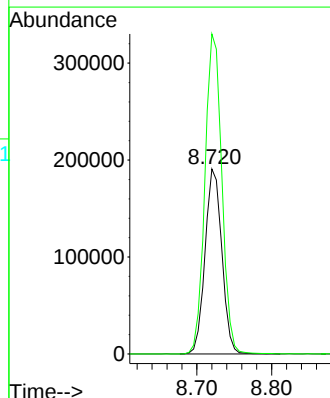
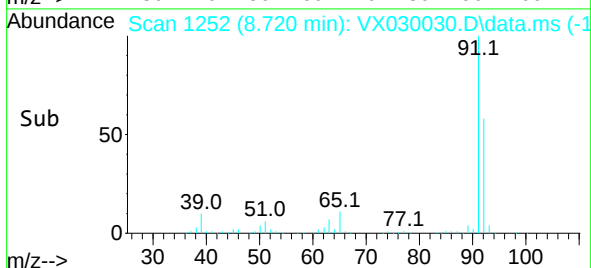
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

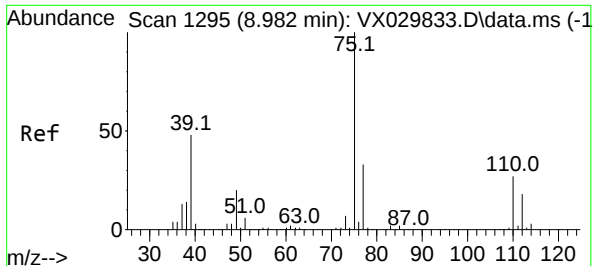


#52
Toluene
Concen: 52.413 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



Tgt Ion: 92 Resp: 297284
Ion Ratio Lower Upper
92 100
91 174.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 53.470 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 16104

Ion Ratio Lower Upper

75 100

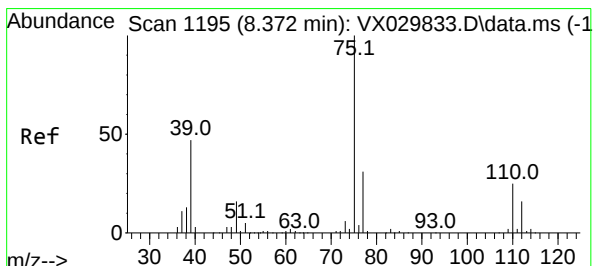
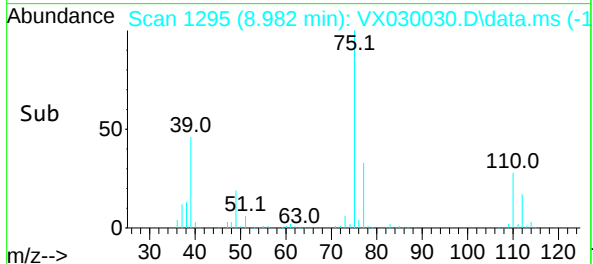
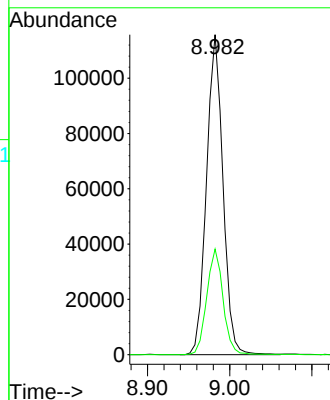
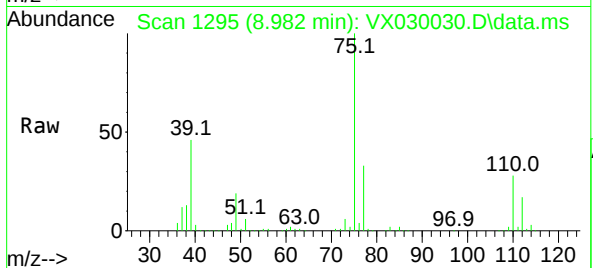
77 33.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#54

cis-1,3-Dichloropropene

Concen: 52.470 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

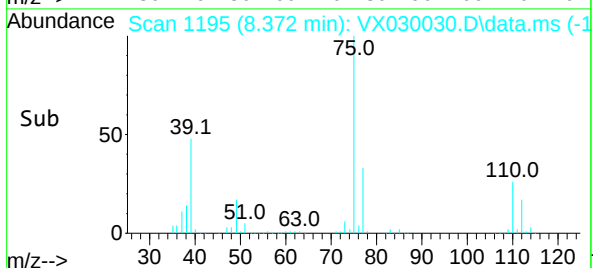
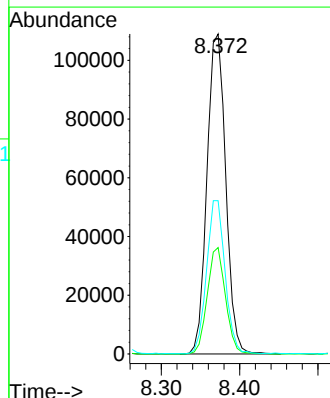
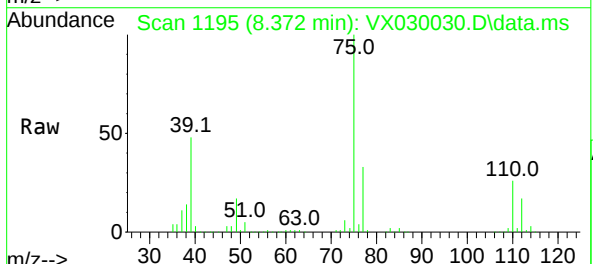
Tgt Ion: 75 Resp: 181039

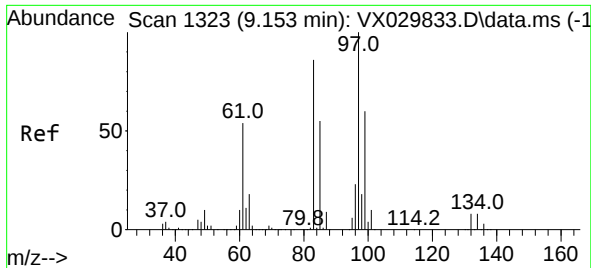
Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.4

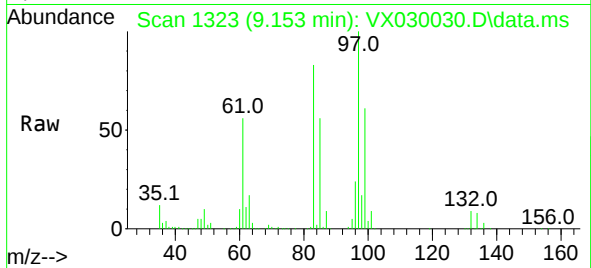
39 47.8 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 52.621 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

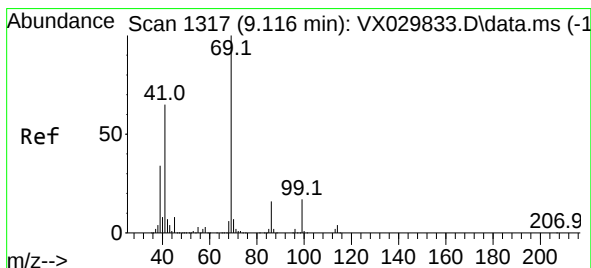
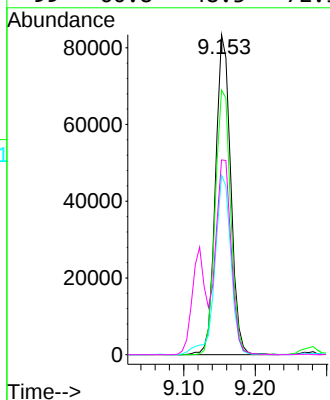
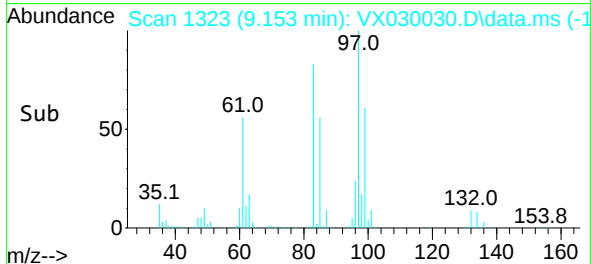
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



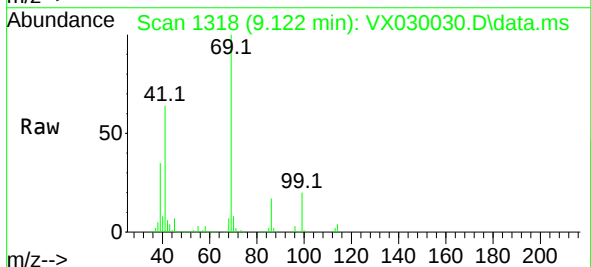
Tgt Ion: 97 Resp: 12308
Ion Ratio Lower Upper
97 100
83 82.7 68.9 103.3
85 56.1 44.0 66.0
99 60.8 48.3 72.5

Manual Integrations
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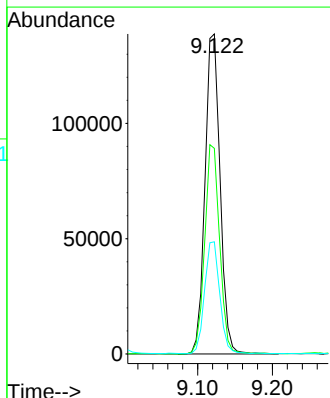
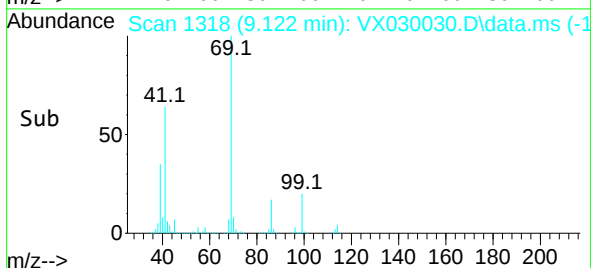
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

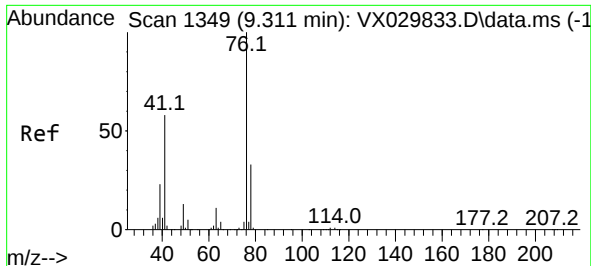


#56
Ethyl methacrylate
Concen: 55.352 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



Tgt Ion: 69 Resp: 194654
Ion Ratio Lower Upper
69 100
41 65.1 52.3 78.5
39 35.2 28.2 42.4





#57

1,3-Dichloropropane

Concen: 53.533 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 198909

Ion Ratio Lower Upper

76 100

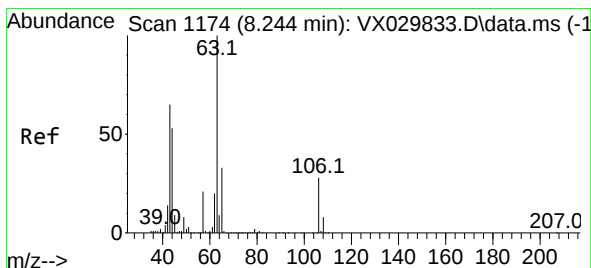
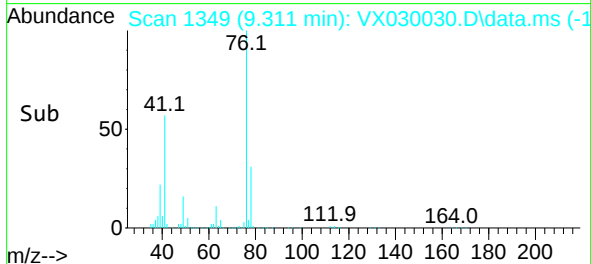
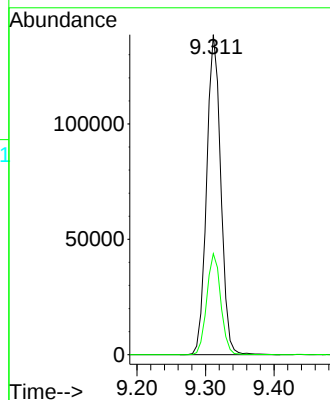
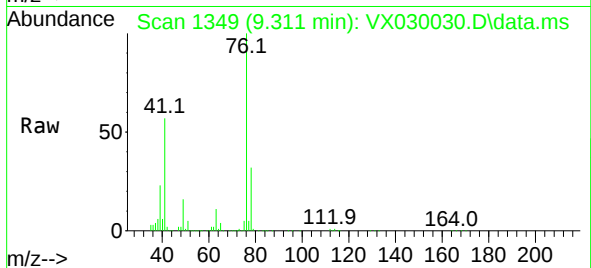
78 31.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 260.183 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030030.D

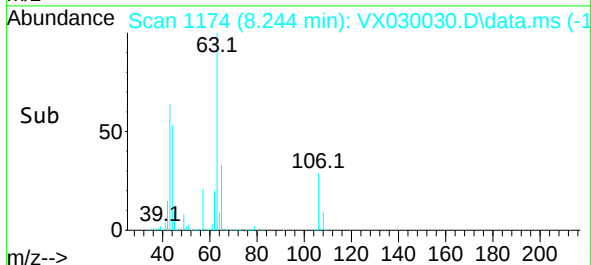
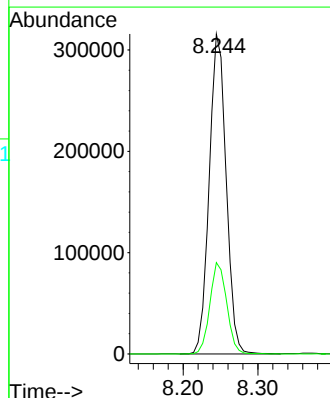
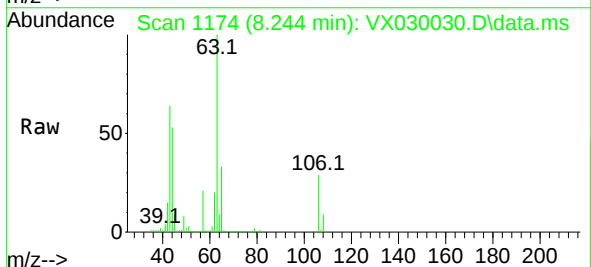
Acq: 12 Jul 2022 19:25

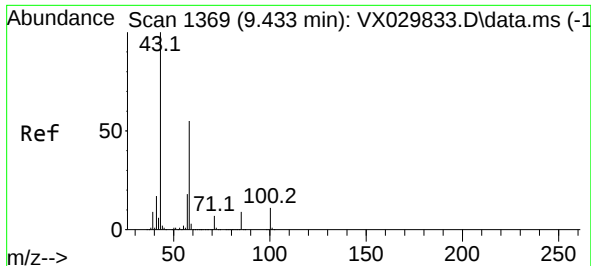
Tgt Ion: 63 Resp: 496839

Ion Ratio Lower Upper

63 100

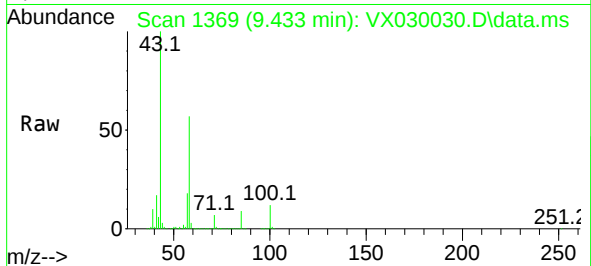
106 28.3 22.2 33.2





#59
2-Hexanone
Concen: 276.093 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

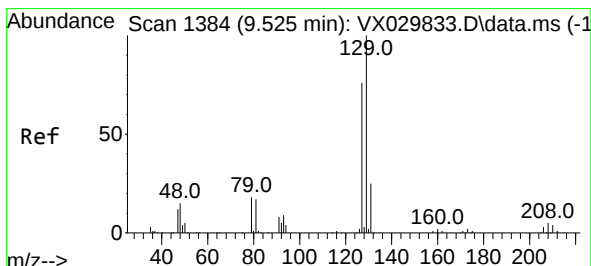
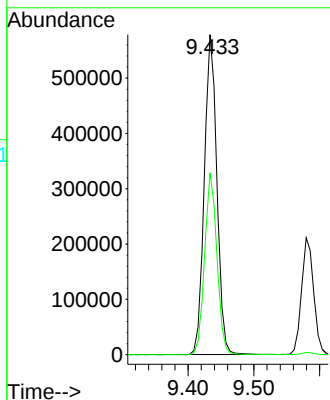
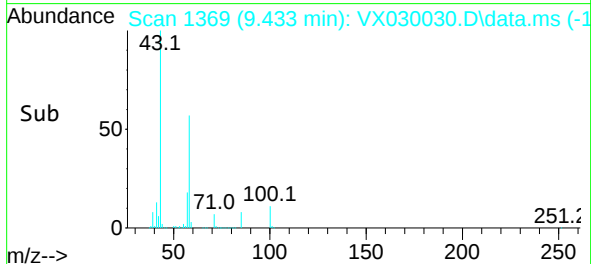
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 768260
Ion Ratio Lower Upper
43 100
58 55.8 27.6 82.8

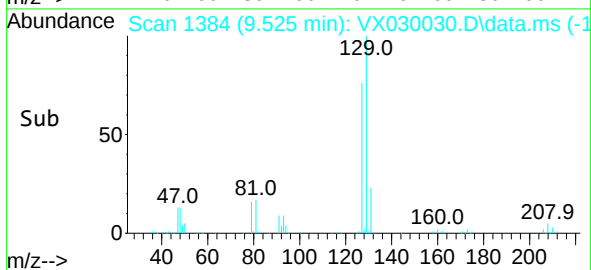
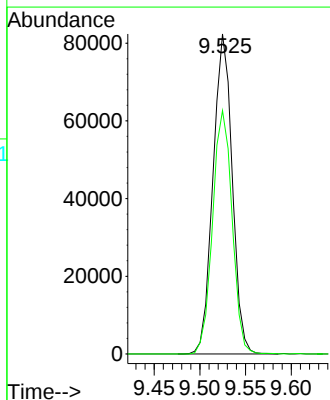
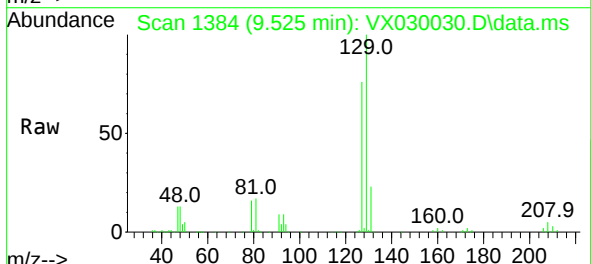
Manual Integrations
APPROVED

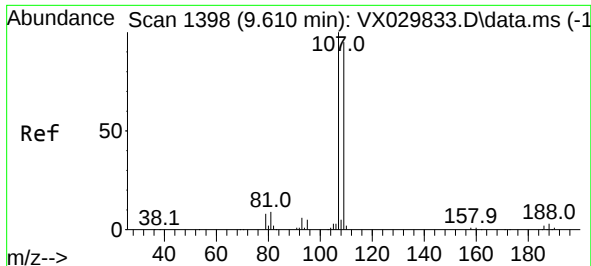
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#60
Dibromochloromethane
Concen: 52.799 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

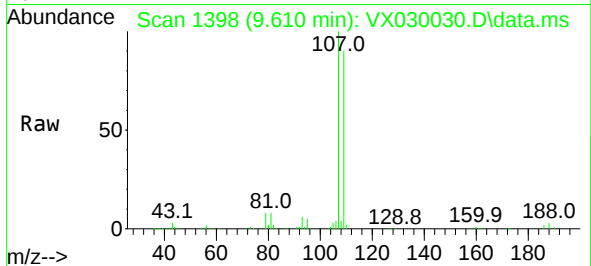
Tgt Ion:129 Resp: 120314
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 54.170 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

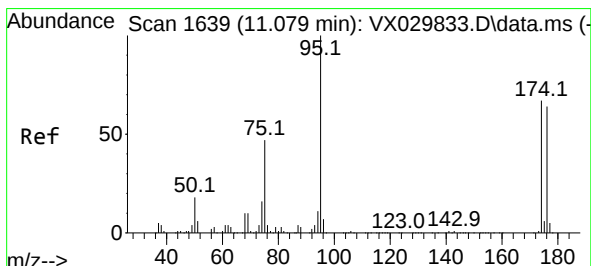
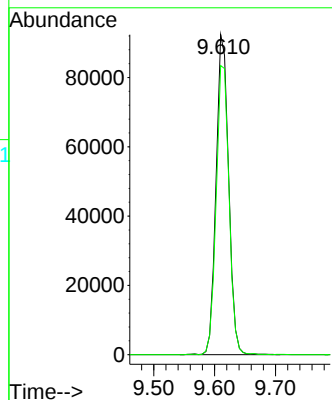
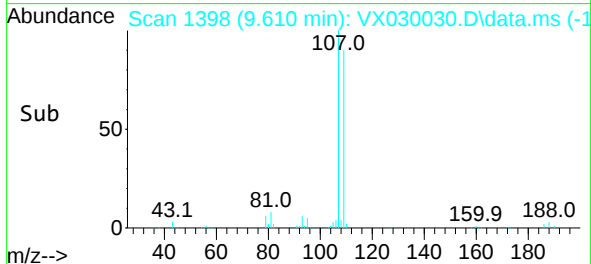
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 131868
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8

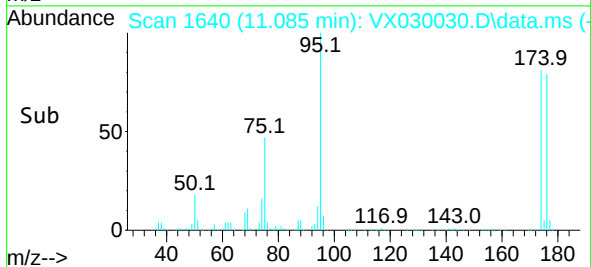
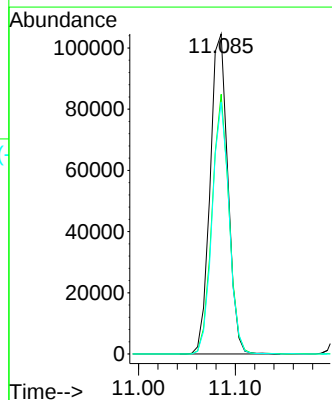
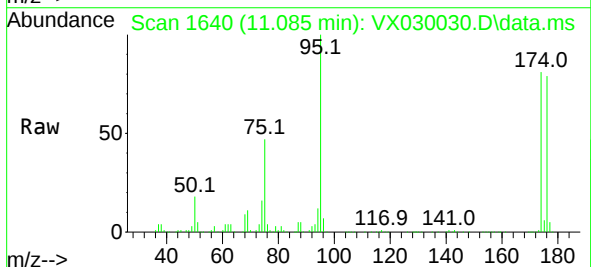
Manual Integrations
APPROVED

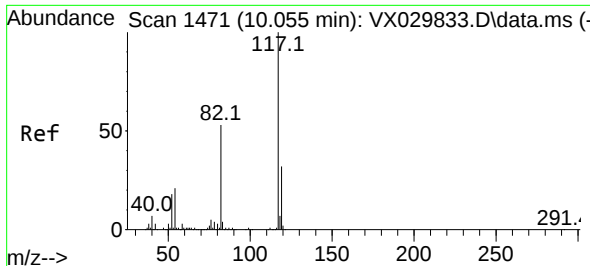
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#62
4-Bromofluorobenzene
Concen: 46.557 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

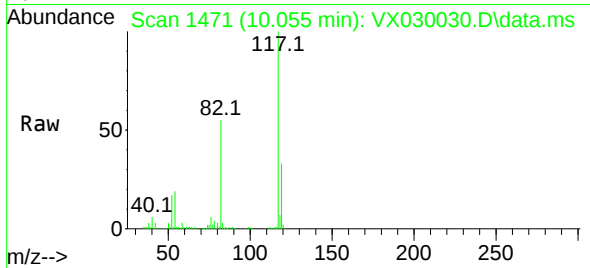
Tgt Ion: 95 Resp: 133500
Ion Ratio Lower Upper
95 100
174 77.2 0.0 149.0
176 75.1 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

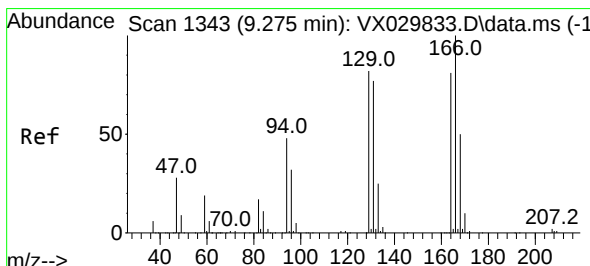
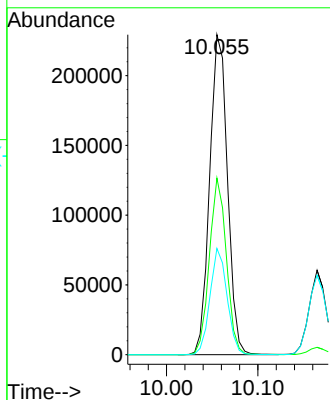
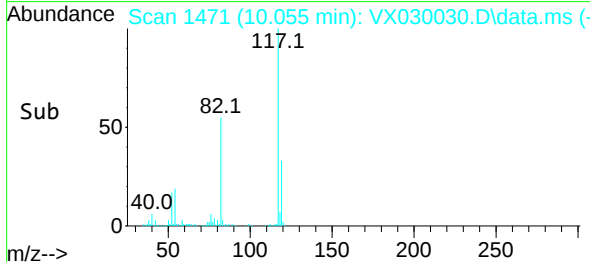
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 309870
Ion Ratio Lower Upper
117 100
82 55.2 42.7 64.1
119 33.2 25.4 38.2

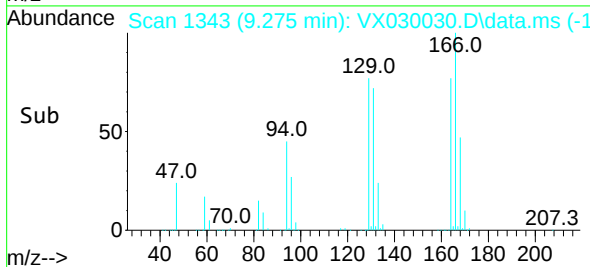
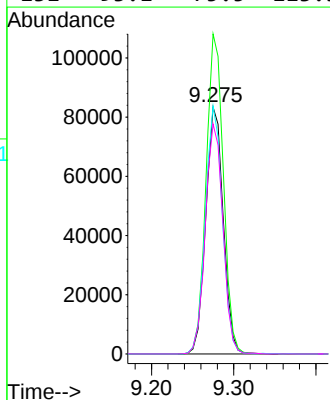
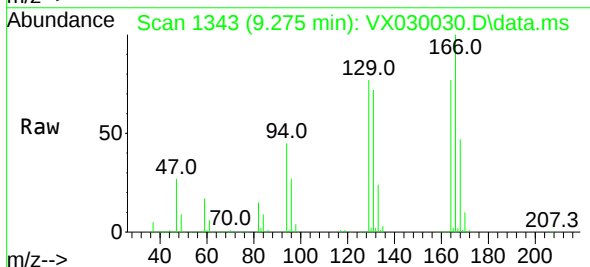
Manual Integrations
APPROVED

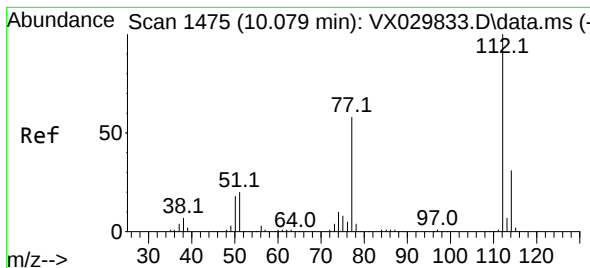
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#64
Tetrachloroethene
Concen: 49.407 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

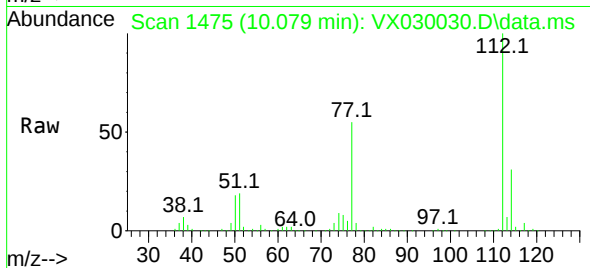
Tgt Ion:164 Resp: 122896
Ion Ratio Lower Upper
164 100
166 129.6 98.2 147.4
129 100.4 80.8 121.2
131 93.1 75.5 113.3





#65
Chlorobenzene
Concen: 51.386 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

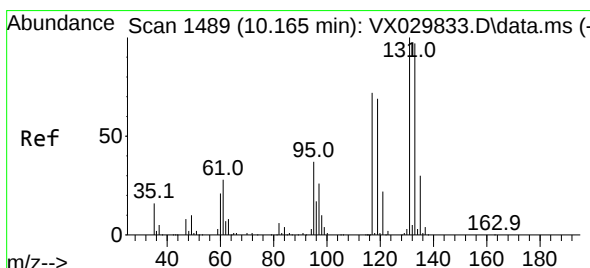
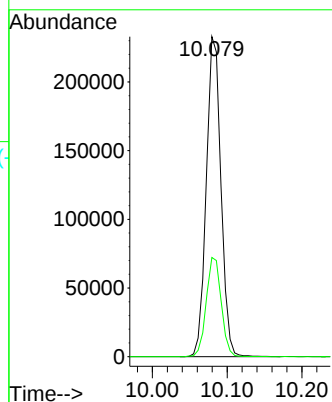
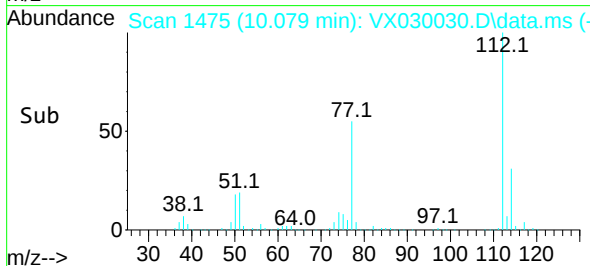
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



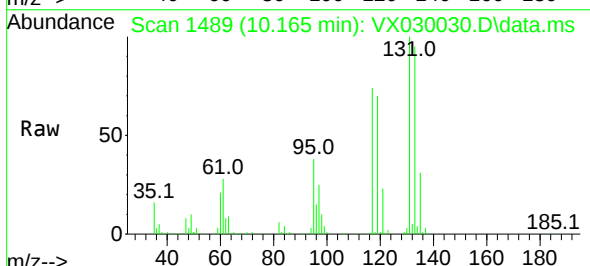
Tgt Ion:112 Resp: 31707
Ion Ratio Lower Upper
112 100
114 31.0 24.6 36.8

Manual Integrations
APPROVED

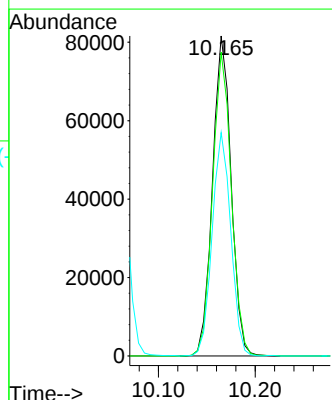
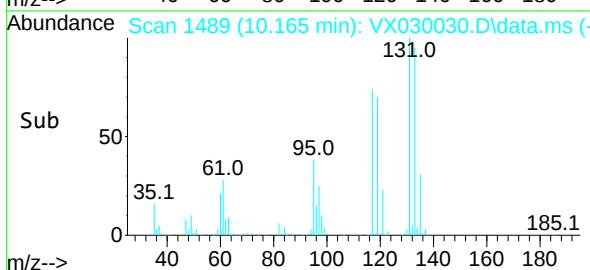
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

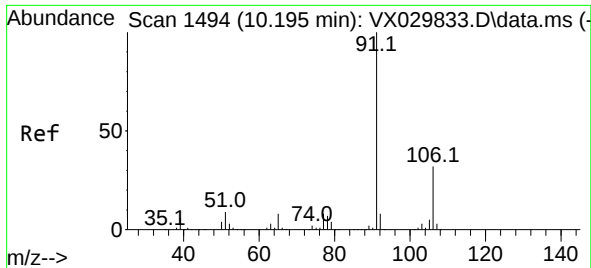


#66
1,1,1,2-Tetrachloroethane
Concen: 51.727 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



Tgt Ion:131 Resp: 108812
Ion Ratio Lower Upper
131 100
133 95.7 46.9 140.8
119 69.8 34.4 103.1





#67

Ethyl Benzene

Concen: 53.200 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 556359

Ion Ratio Lower Upper

91 100

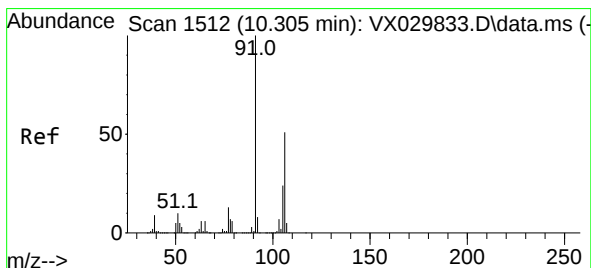
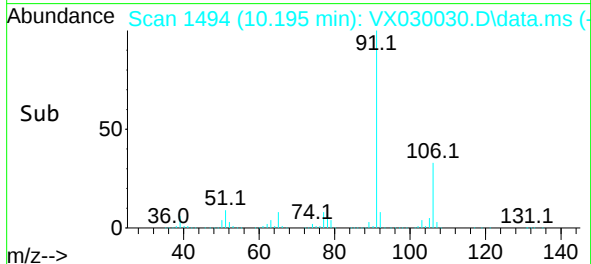
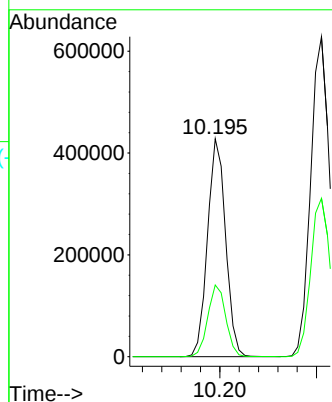
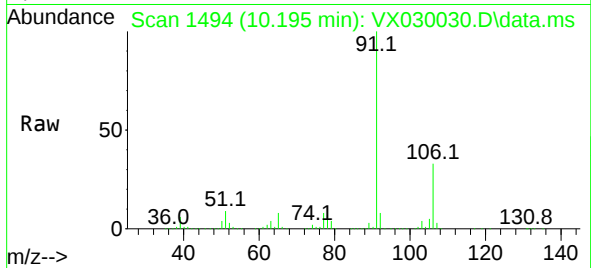
106 32.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#68

m/p-Xylenes

Concen: 105.484 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030030.D

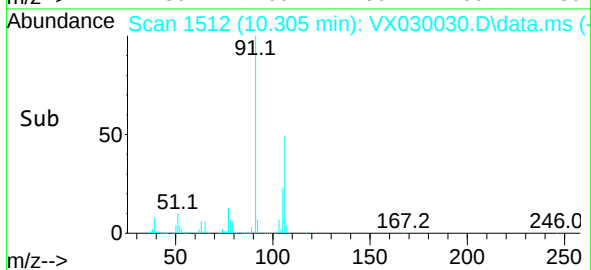
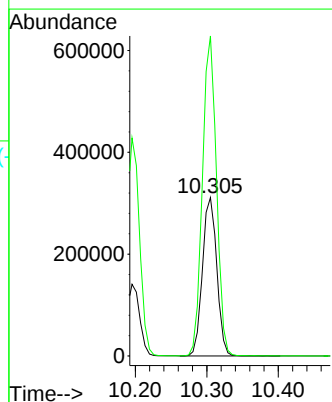
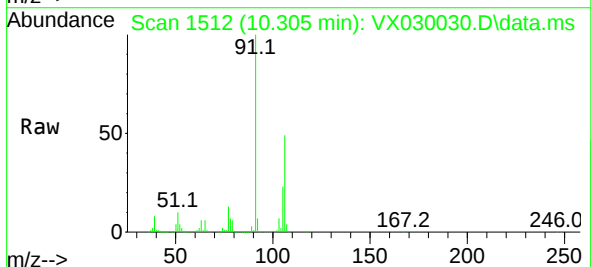
Acq: 12 Jul 2022 19:25

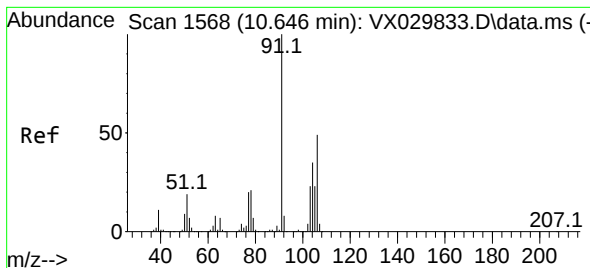
Tgt Ion:106 Resp: 432664

Ion Ratio Lower Upper

106 100

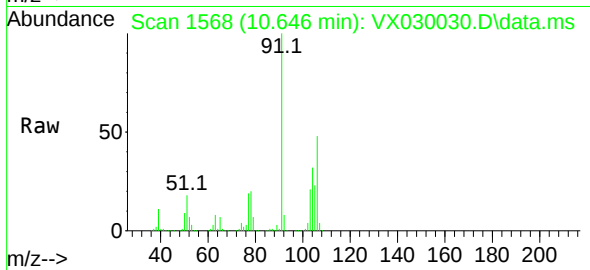
91 198.0 158.2 237.4





#69
o-Xylene
Concen: 52.224 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

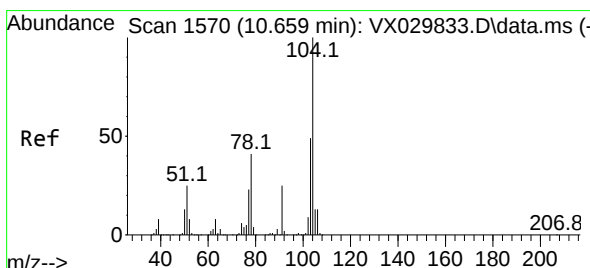
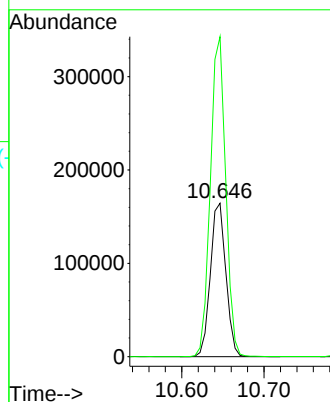
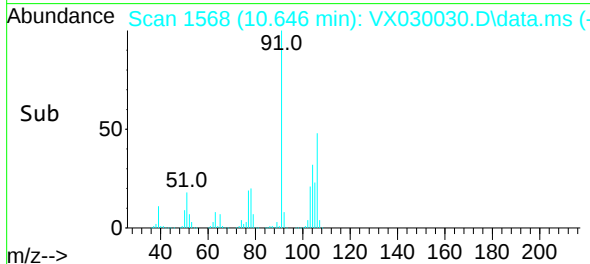
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 214480
Ion Ratio Lower Upper
106 100
91 206.8 103.8 311.6

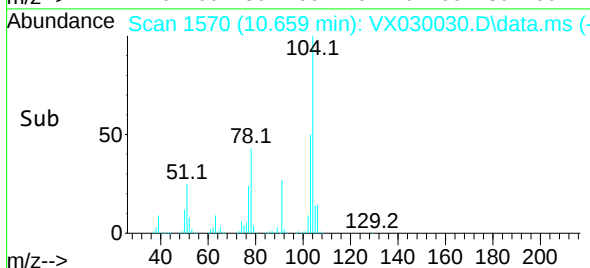
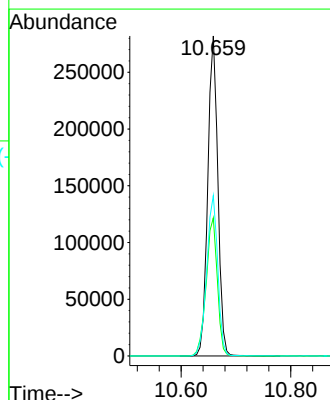
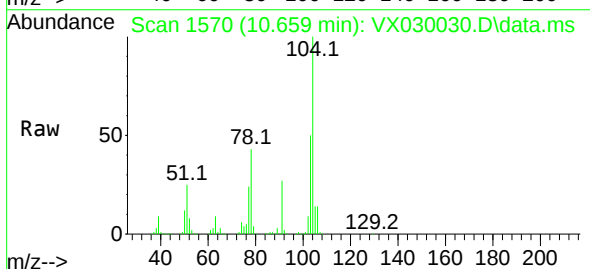
Manual Integrations
APPROVED

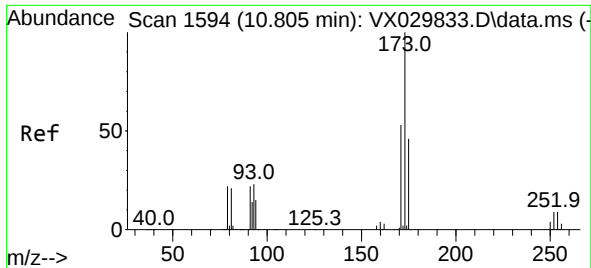
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 52.598 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

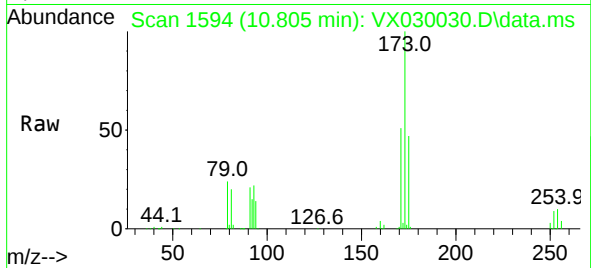
Tgt Ion:104 Resp: 358543
Ion Ratio Lower Upper
104 100
78 47.9 37.8 56.8
103 55.3 44.5 66.7





#71
Bromoform
Concen: 50.789 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

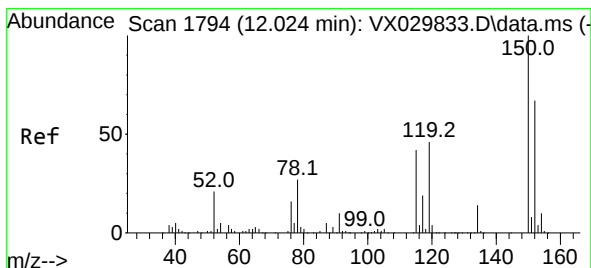
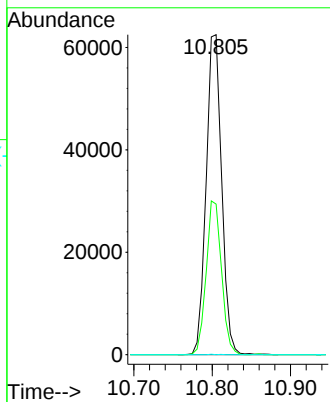
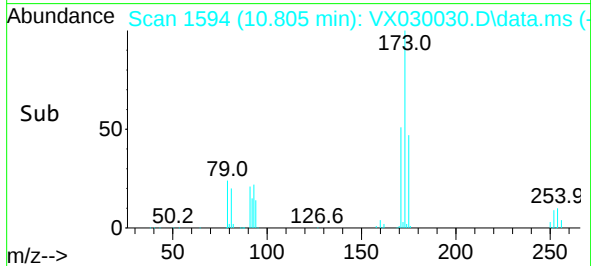
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 85830
Ion Ratio Lower Upper
173 100
175 47.4 23.8 71.2
254 0.1 0.1 0.1

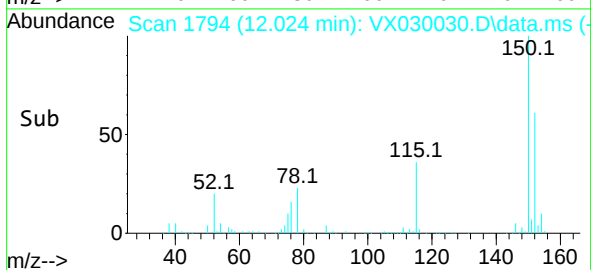
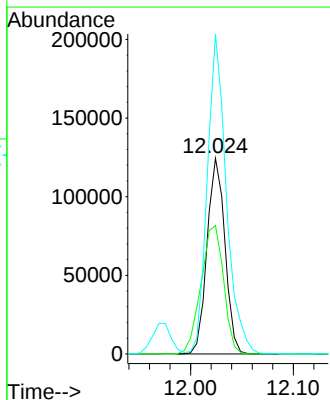
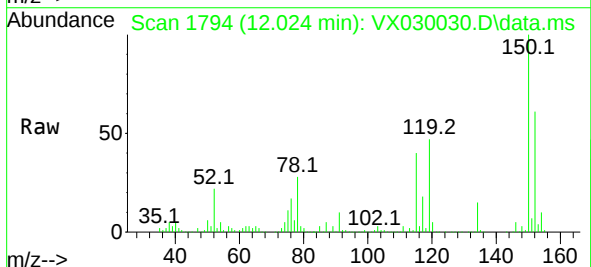
Manual Integrations
APPROVED

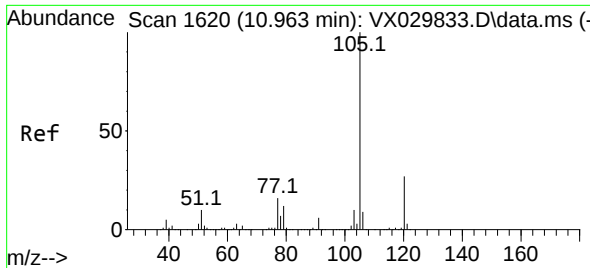
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

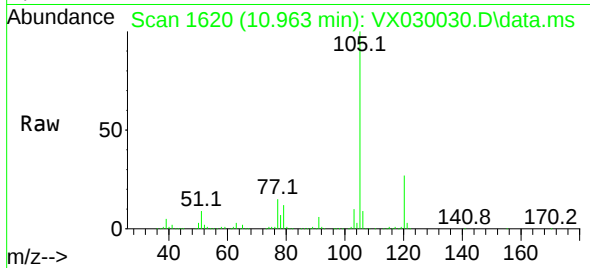
Tgt Ion:152 Resp: 150376
Ion Ratio Lower Upper
152 100
115 82.7 40.5 121.5
150 174.3 0.0 347.0





#73
Isopropylbenzene
Concen: 52.622 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

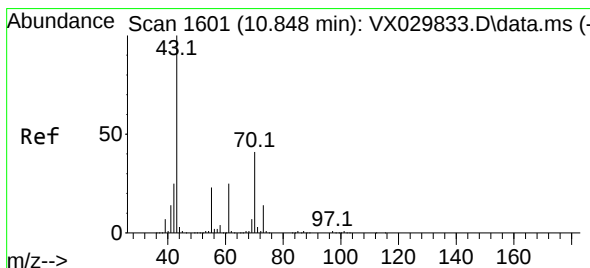
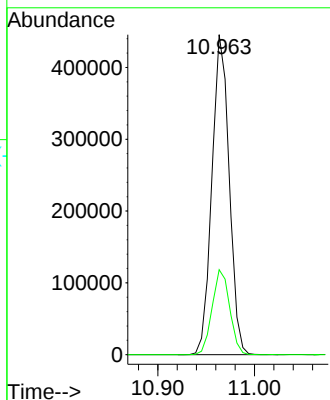
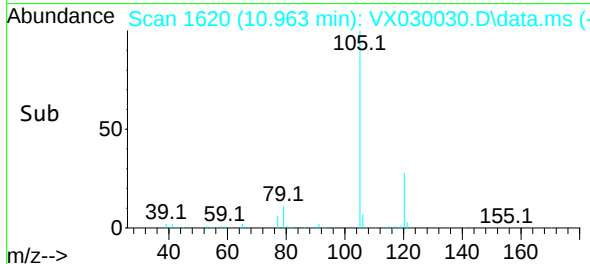
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



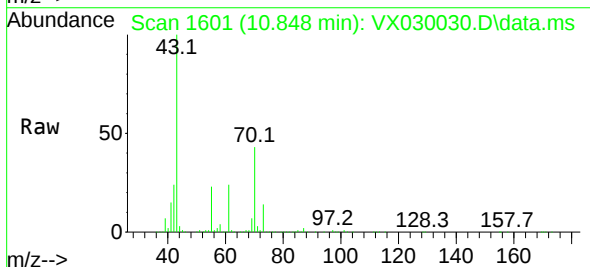
Tgt Ion:105 Resp: 550985
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

Manual Integrations
APPROVED

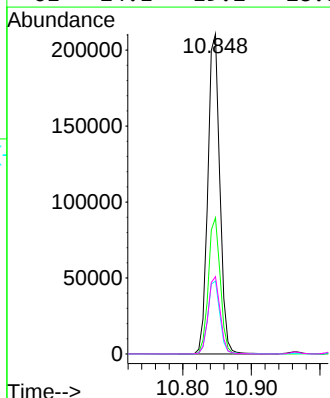
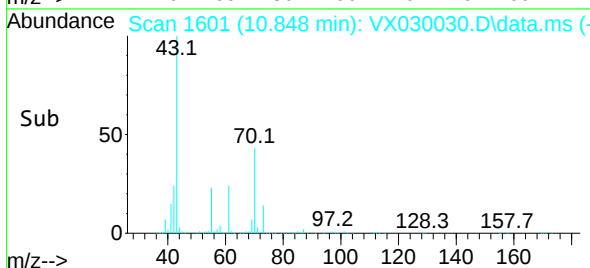
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

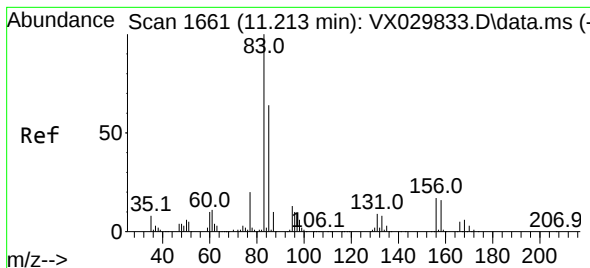


#74
N-ethyl acetate
Concen: 55.770 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



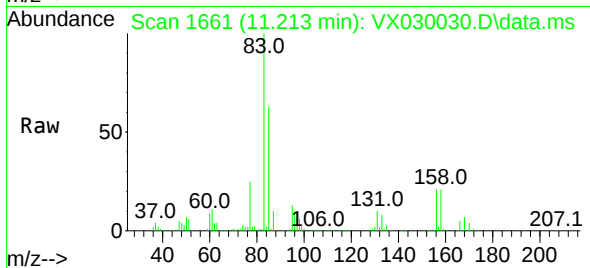
Tgt Ion: 43 Resp: 256477
Ion Ratio Lower Upper
43 100
70 42.2 32.3 48.5
55 22.9 18.4 27.6
61 24.1 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 51.064 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

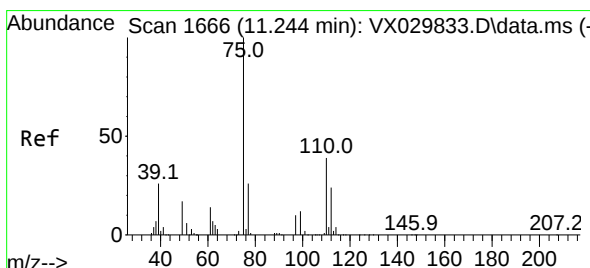
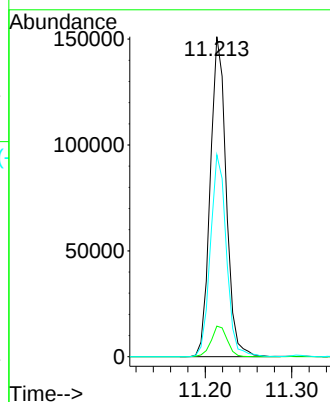
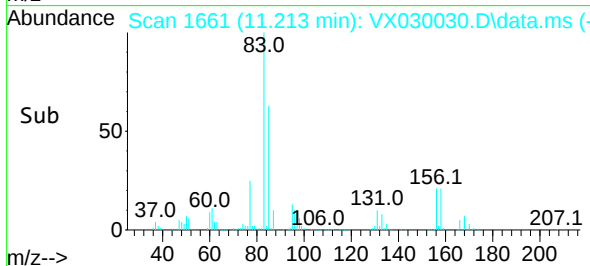
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



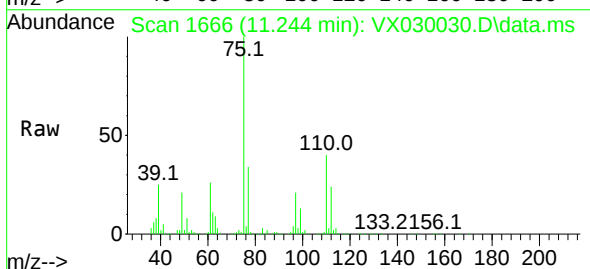
Tgt Ion: 83 Resp: 192898
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.7
85 63.4 32.5 97.5

Manual Integrations
APPROVED

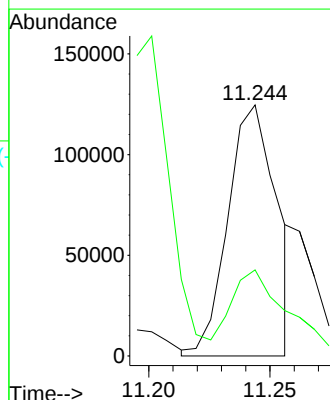
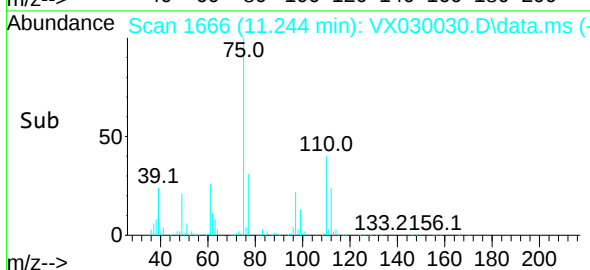
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

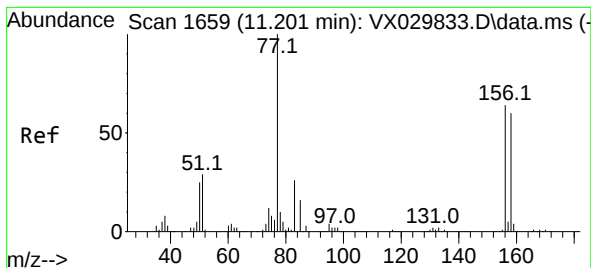


#76
1,2,3-Trichloropropane
Concen: 50.411 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



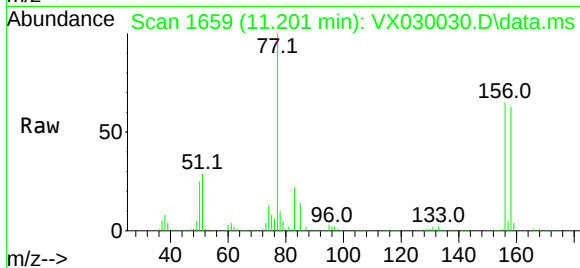
Tgt Ion: 75 Resp: 174295
Ion Ratio Lower Upper
75 100
77 40.0 19.8 59.3





#77
Bromobenzene
Concen: 49.862 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

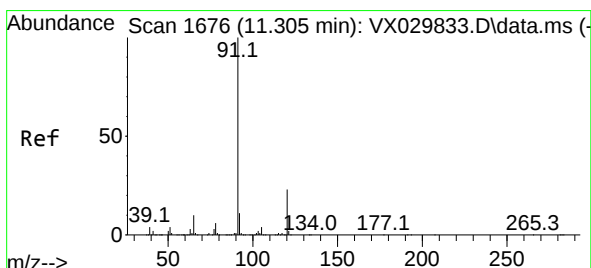
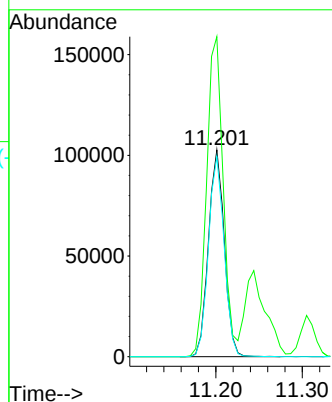
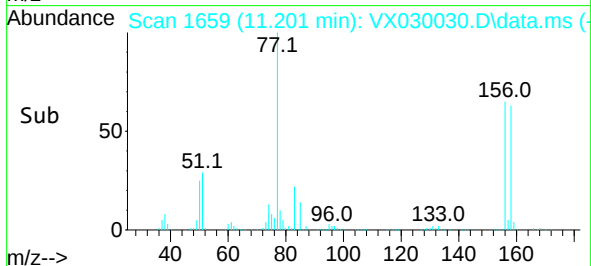
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



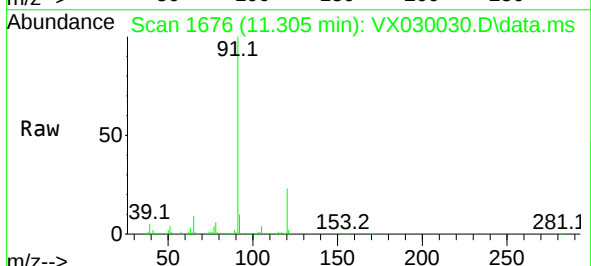
Tgt Ion:156 Resp: 130627
Ion Ratio Lower Upper
156 100
77 161.6 82.7 247.9
158 95.6 47.5 142.5

Manual Integrations
APPROVED

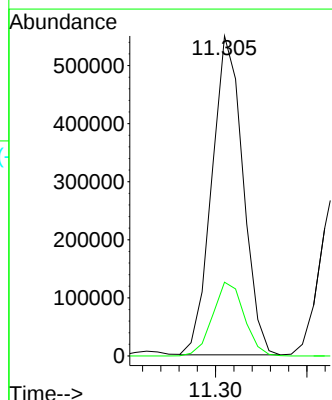
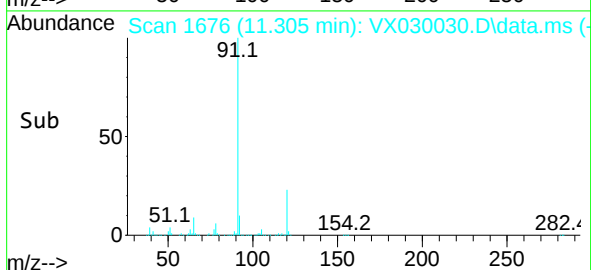
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

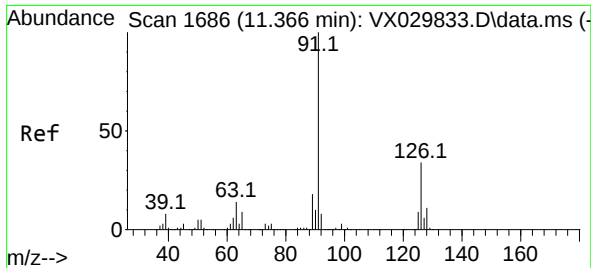


#78
n-propylbenzene
Concen: 52.470 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



Tgt Ion: 91 Resp: 651770
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





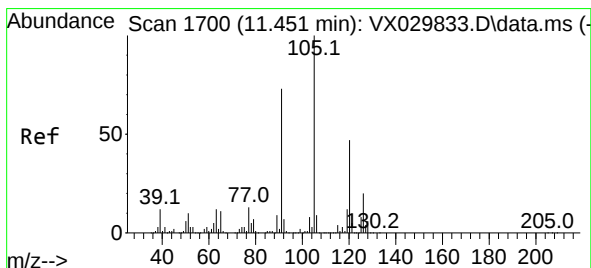
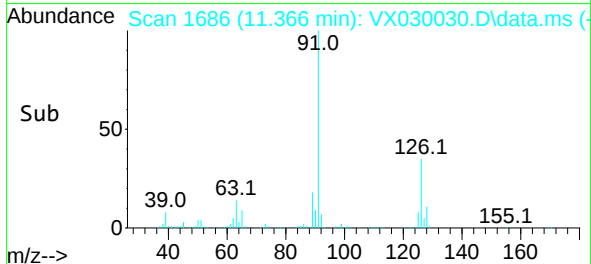
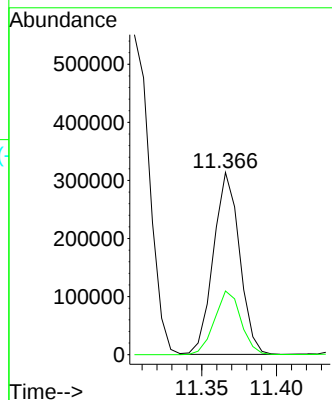
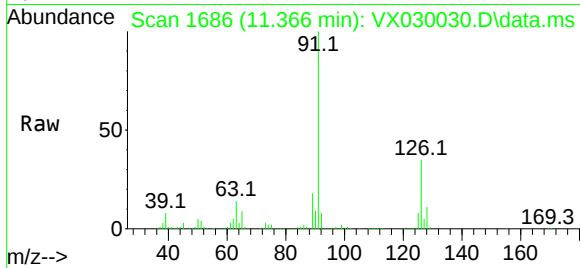
#79
2-Chlorotoluene
Concen: 51.224 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 381119
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.3

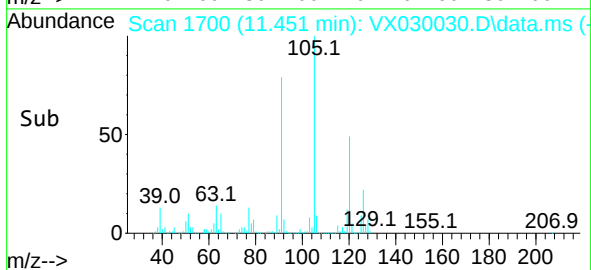
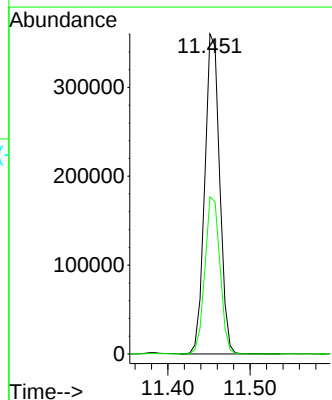
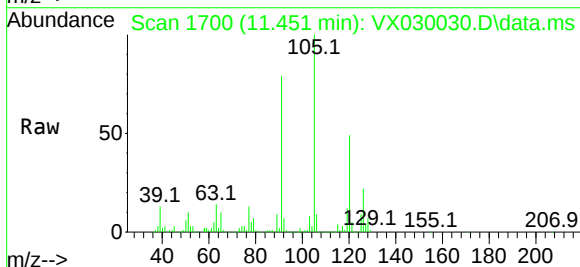
Manual Integrations
APPROVED

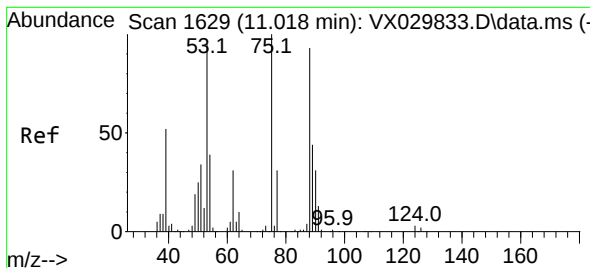
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.272 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

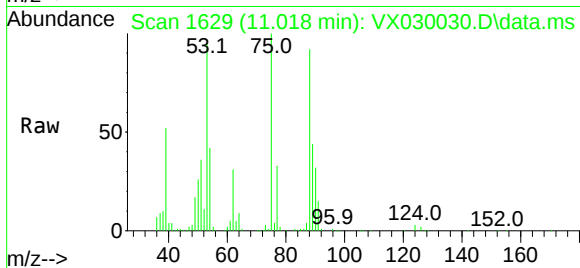
Tgt Ion:105 Resp: 452366
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 49.299 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

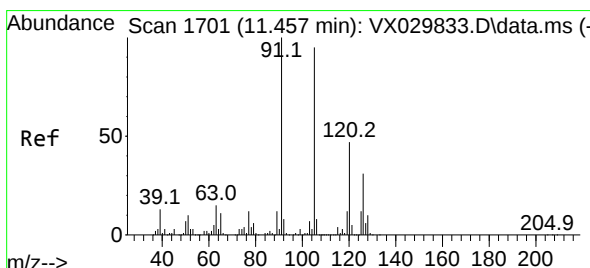
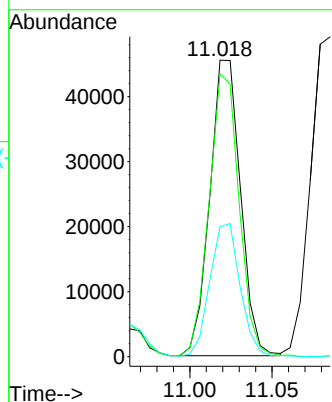
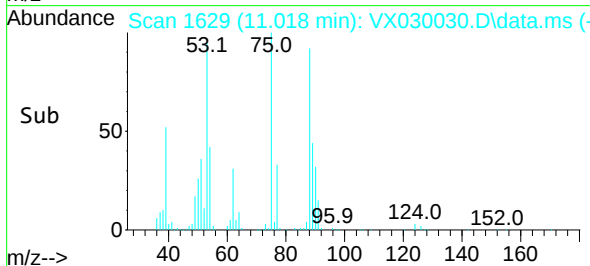
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5906
Ion Ratio Lower Upper
75 100
53 93.8 74.2 111.4
89 44.5 34.8 52.2

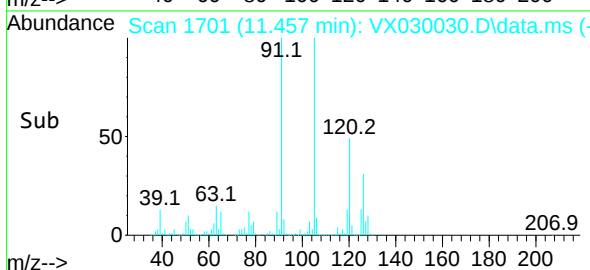
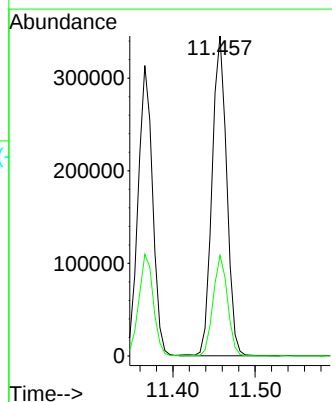
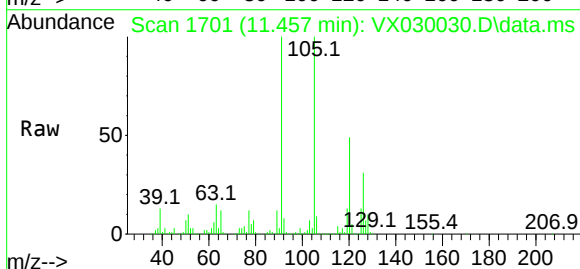
Manual Integrations
APPROVED

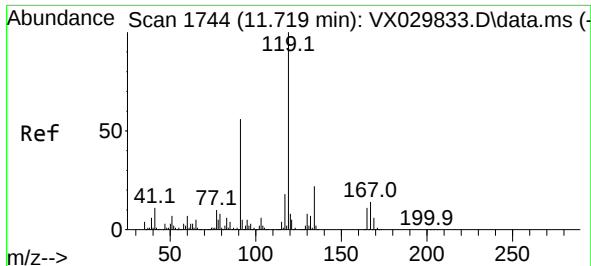
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#82
4-Chlorotoluene
Concen: 51.267 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

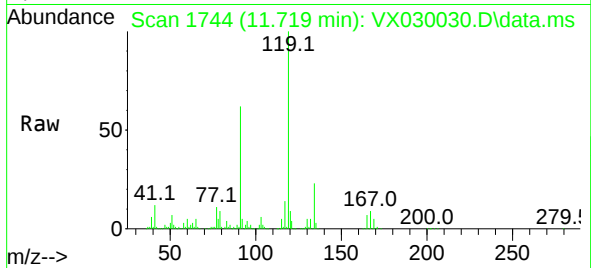
Tgt Ion: 91 Resp: 427368
Ion Ratio Lower Upper
91 100
126 31.0 15.3 45.9





#83
tert-Butylbenzene
Concen: 51.784 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

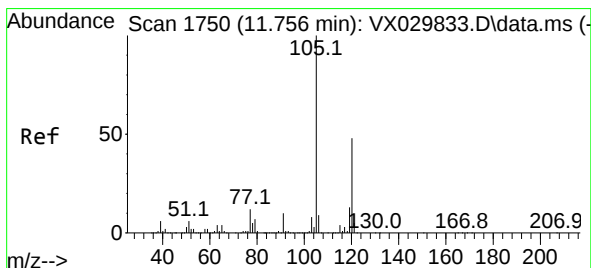
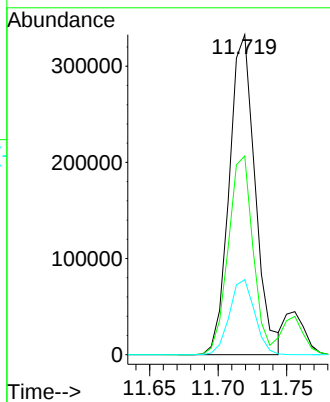
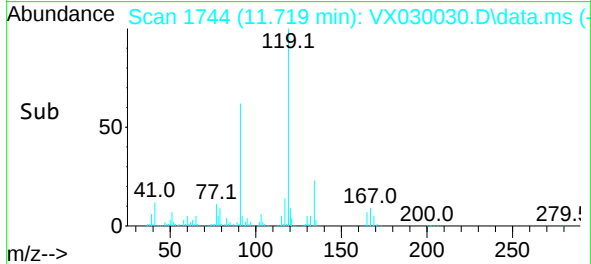
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



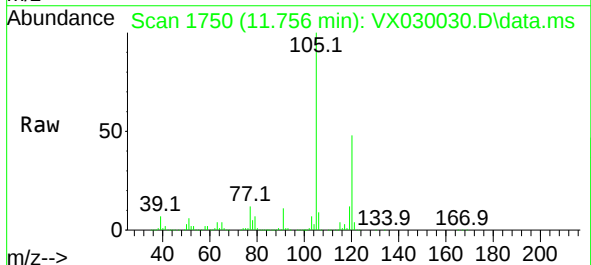
Tgt Ion:119 Resp: 438149
Ion Ratio Lower Upper
119 100
91 59.3 28.3 84.9
134 22.8 11.2 33.5

Manual Integrations
APPROVED

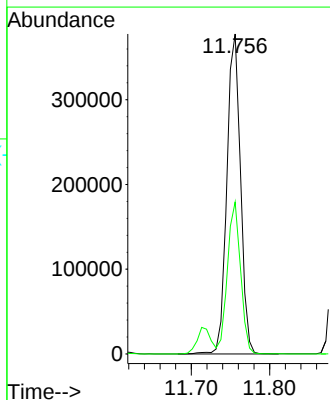
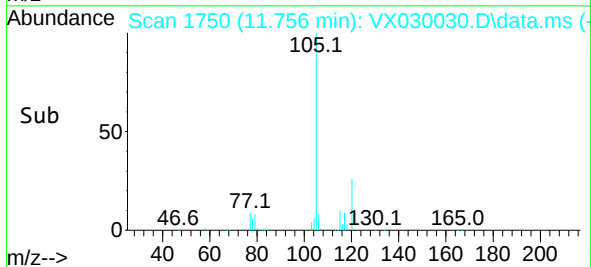
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

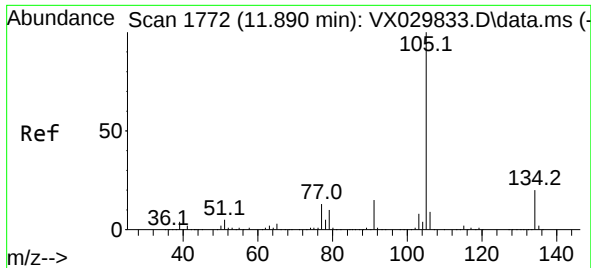


#84
1,2,4-Trimethylbenzene
Concen: 52.389 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



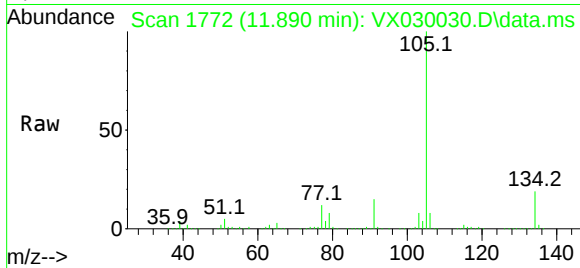
Tgt Ion:105 Resp: 457194
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 53.746 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030030.D
 Acq: 12 Jul 2022 19:25

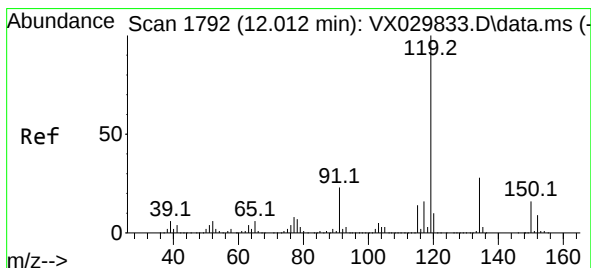
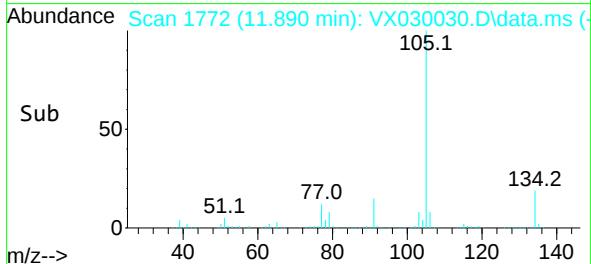
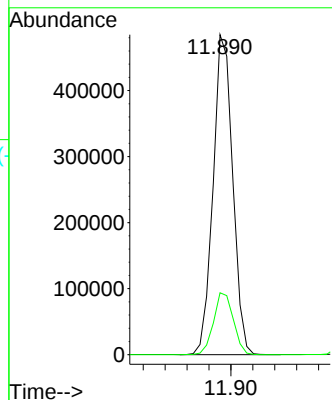
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 601180
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 30.0

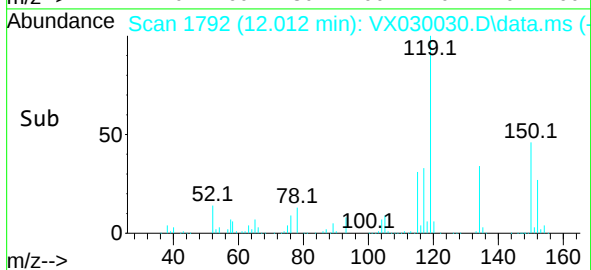
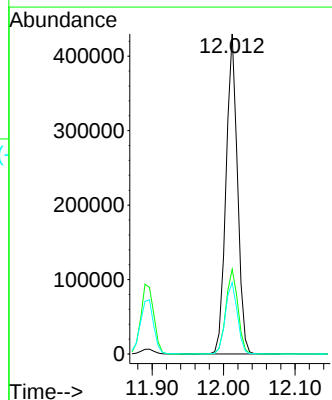
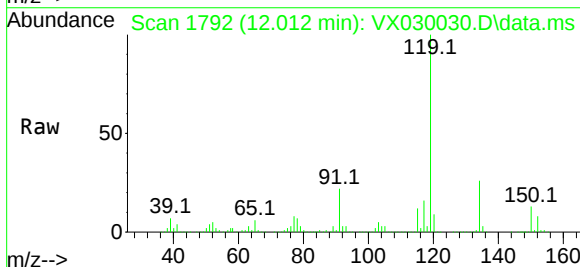
Manual Integrations
 APPROVED

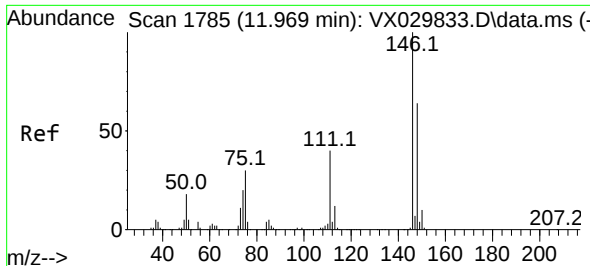
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#86
 p-Isopropyltoluene
 Concen: 53.311 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030030.D
 Acq: 12 Jul 2022 19:25

Tgt Ion:119 Resp: 478394
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.9 41.6
 91 23.5 11.8 35.3





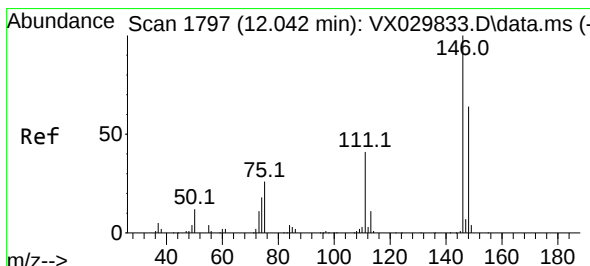
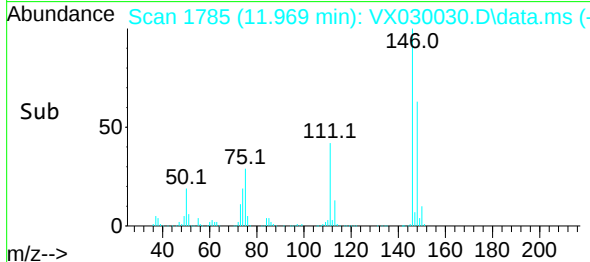
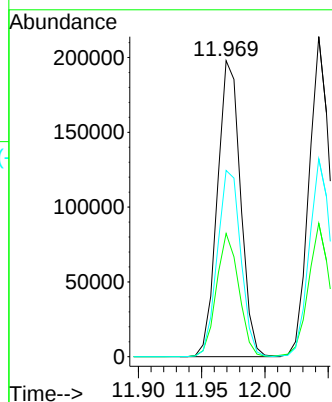
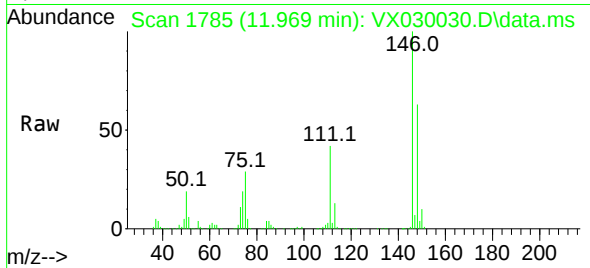
#87
1,3-Dichlorobenzene
Concen: 51.955 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 251489
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 63.6 31.8 95.3

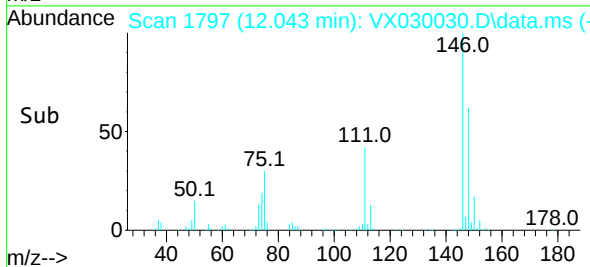
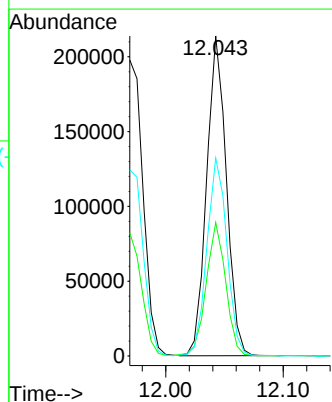
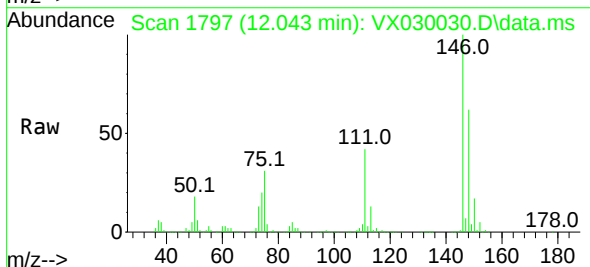
Manual Integrations
APPROVED

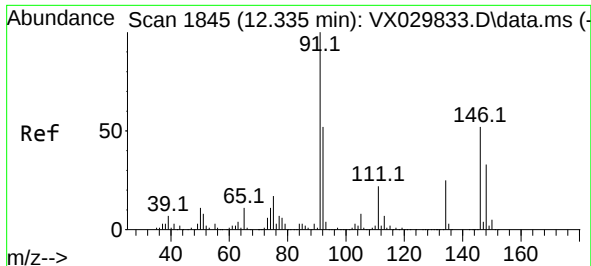
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#88
1,4-Dichlorobenzene
Concen: 50.237 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

Tgt Ion:146 Resp: 249548
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.9
148 62.8 32.3 96.8





#89

n-Butylbenzene

Concen: 57.210 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

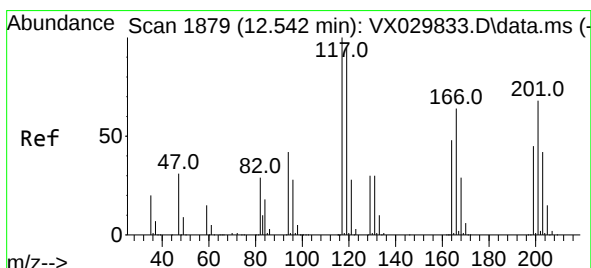
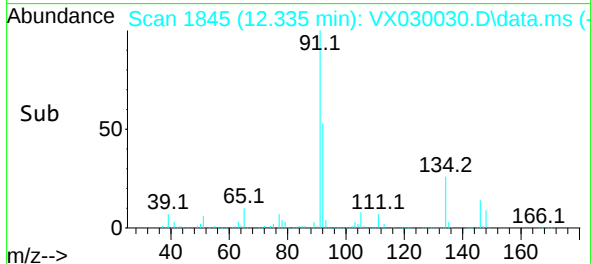
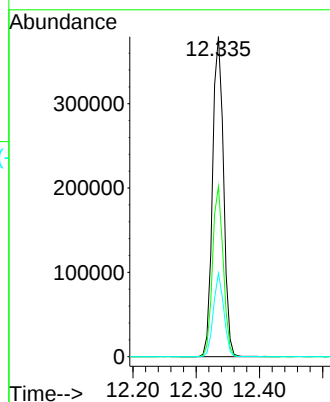
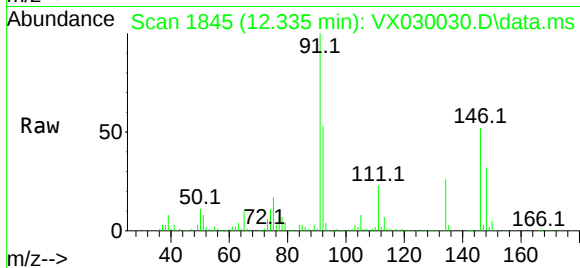
Tgt Ion: 91 Resp: 45997
 Ion Ratio Lower Upper
 91 100
 92 51.9 26.2 78.5
 134 24.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#90

Hexachloroethane

Concen: 53.541 ug/l

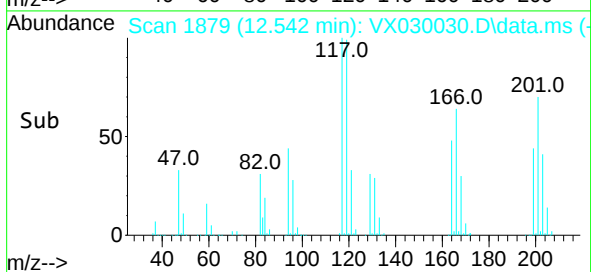
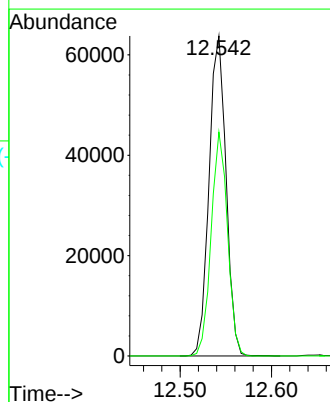
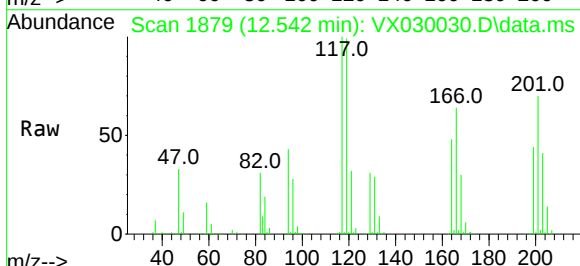
RT: 12.542 min Scan# 1879

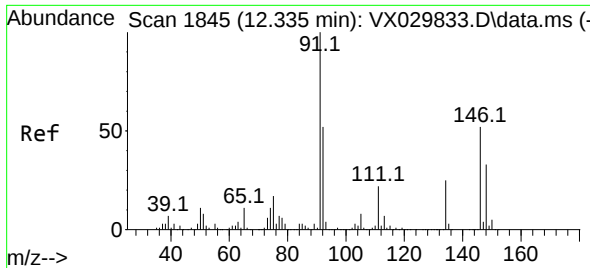
Delta R.T. 0.000 min

Lab File: VX030030.D

Acq: 12 Jul 2022 19:25

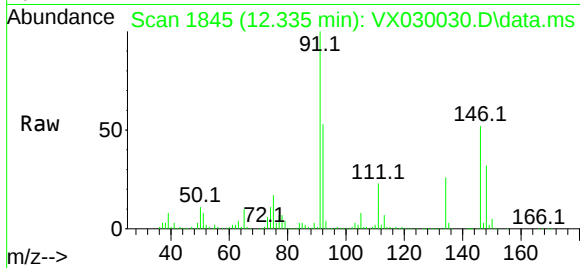
Tgt Ion:117 Resp: 82133
 Ion Ratio Lower Upper
 117 100
 201 67.3 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 51.139 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

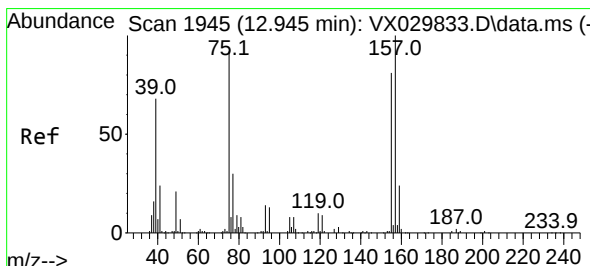
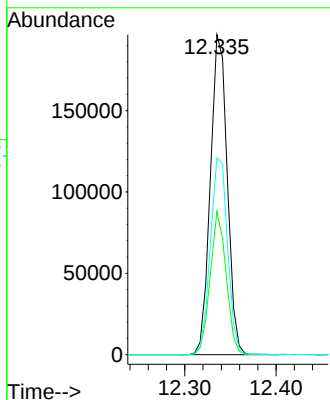
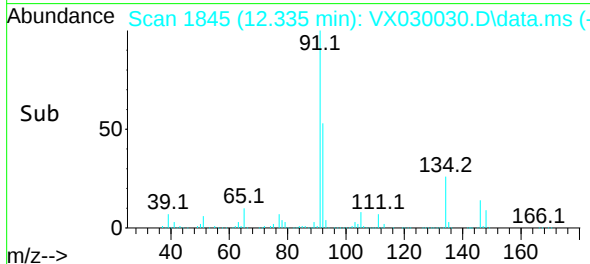
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



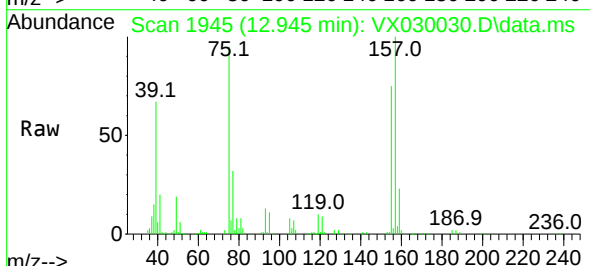
Tgt Ion:146 Resp: 251484
Ion Ratio Lower Upper
146 100
111 42.4 20.7 62.1
148 63.1 32.0 96.2

Manual Integrations
APPROVED

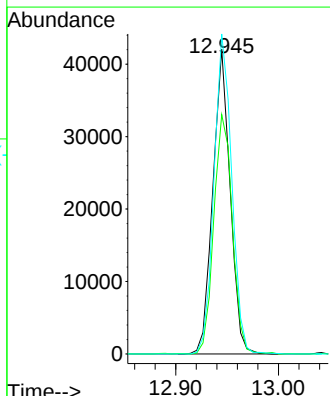
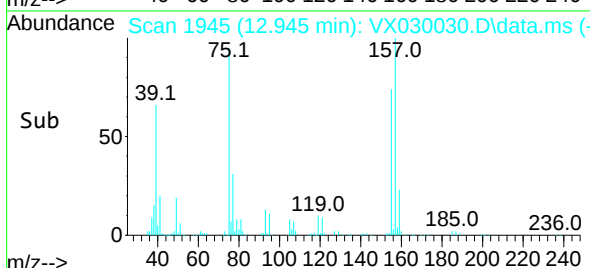
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

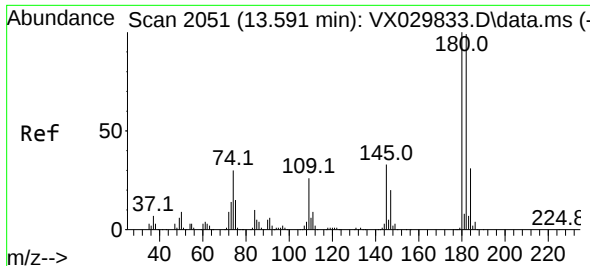


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.779 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



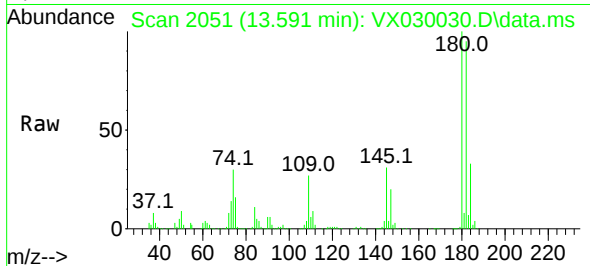
Tgt Ion: 75 Resp: 48975
Ion Ratio Lower Upper
75 100
155 84.3 45.0 134.8
157 107.9 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 50.153 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

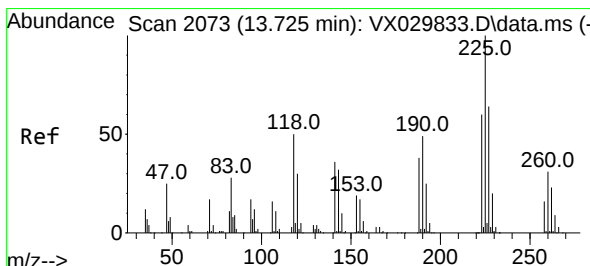
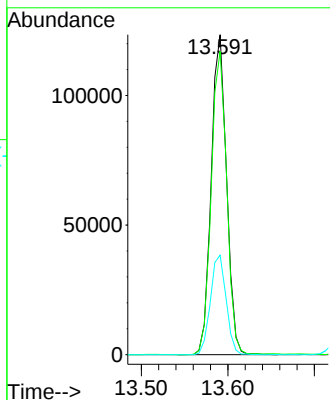
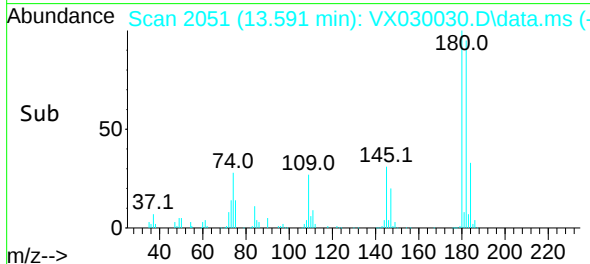
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



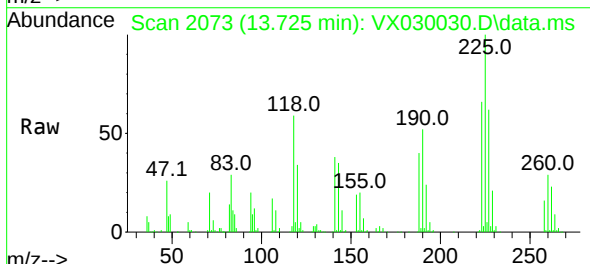
Tgt Ion:180 Resp: 15149
Ion Ratio Lower Upper
180 100
182 95.8 48.2 144.6
145 31.9 15.9 47.6

Manual Integrations
APPROVED

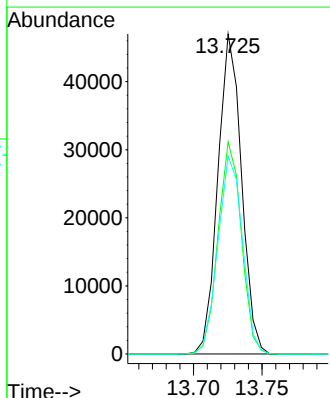
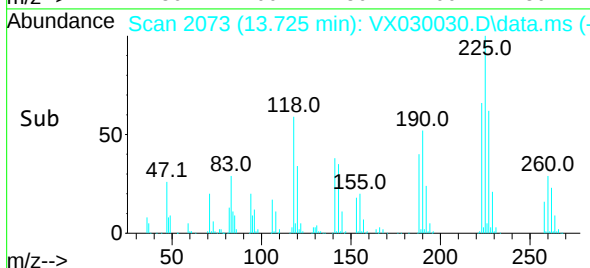
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

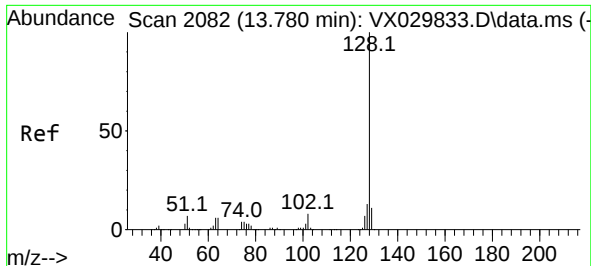


#94
Hexachlorobutadiene
Concen: 46.654 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25



Tgt Ion:225 Resp: 56262
Ion Ratio Lower Upper
225 100
223 65.6 30.6 91.6
227 64.3 31.9 95.9





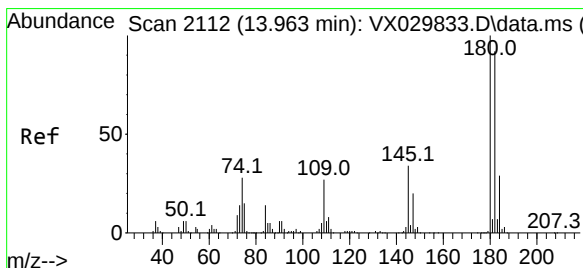
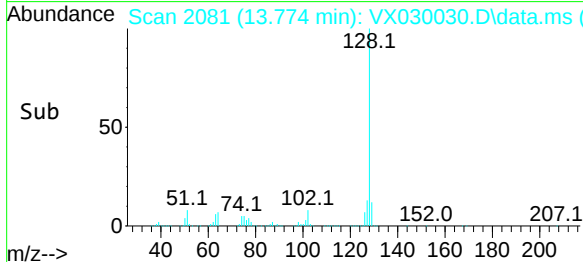
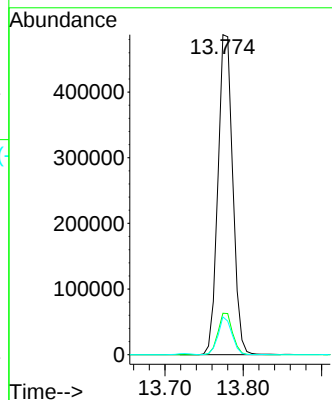
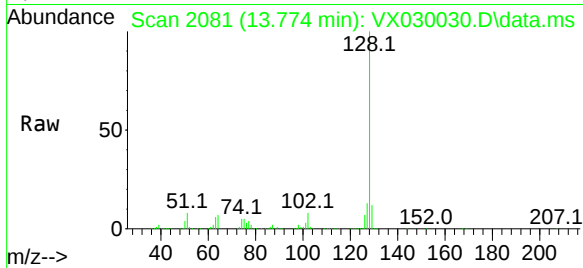
#95
Naphthalene
Concen: 53.571 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 642290
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.392 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030030.D
Acq: 12 Jul 2022 19:25

Tgt Ion:180 Resp: 157949
Ion Ratio Lower Upper
180 100
182 92.6 47.0 141.0
145 34.6 17.0 50.9

