

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030243.D
 Acq On : 27 Jul 2022 19:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 05:53:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	134537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235426	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144351	53.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.760%			
35) Dibromofluoromethane	5.391	113	114973	51.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.180%			
50) Toluene-d8	8.653	98	435273	49.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.085	95	164451	50.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	112783	51.088	ug/l	99
3) Chloromethane	1.288	50	104851	48.029	ug/l	100
4) Vinyl Chloride	1.374	62	111092	50.419	ug/l	98
5) Bromomethane	1.605	94	44568	58.669	ug/l	91
6) Chloroethane	1.679	64	64438	50.934	ug/l	99
7) Trichlorofluoromethane	1.880	101	152552	52.551	ug/l	97
8) Diethyl Ether	2.136	74	58267	51.257	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	107730	50.103	ug/l	98
10) Methyl Iodide	2.453	142	117762	56.009	ug/l	95
11) Tert butyl alcohol	2.989	59	185012	280.487	ug/l	98
12) 1,1-Dichloroethene	2.319	96	108546	51.647	ug/l	93
13) Acrolein	2.239	56	43092	265.798	ug/l	97
14) Allyl chloride	2.666	41	223458	51.525	ug/l	97
15) Acrylonitrile	3.069	53	443862	272.302	ug/l	99
16) Acetone	2.386	43	386279	279.016	ug/l	95
17) Carbon Disulfide	2.508	76	266505	46.976	ug/l	98
18) Methyl Acetate	2.709	43	220957	53.959	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	389764	54.141	ug/l	98
20) Methylene Chloride	2.788	84	131191	55.568	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	117685	50.731	ug/l	95
22) Diisopropyl ether	3.770	45	461926	56.294	ug/l	87
23) Vinyl Acetate	3.727	43	2017661	283.460	ug/l	97
24) 1,1-Dichloroethane	3.611	63	232033	53.215	ug/l	97
25) 2-Butanone	4.568	43	649440	279.155	ug/l	94
26) 2,2-Dichloropropane	4.483	77	134515	42.664	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	141294	51.796	ug/l	96
28) Bromochloromethane	4.904	49	101369	55.030	ug/l	93
29) Tetrahydrofuran	5.013	42	434967	277.877	ug/l	93
30) Chloroform	5.105	83	231852	53.704	ug/l	100
31) Cyclohexane	5.477	56	200428	51.050	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	186815	53.235	ug/l	98
36) 1,1-Dichloropropene	5.696	75	162331	50.121	ug/l	96
37) Ethyl Acetate	4.727	43	239032	52.116	ug/l	97
38) Carbon Tetrachloride	5.684	117	153738	50.846	ug/l	97
39) Methylcyclohexane	7.385	83	193094	46.188	ug/l	92
40) Benzene	6.044	78	521468	51.173	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	133453	54.281	ug/l	95
42) 1,2-Dichloroethane	6.092	62	181939	51.670	ug/l	97
43) Isopropyl Acetate	6.348	43	362117	53.858	ug/l	96
44) Trichloroethene	7.129	130	136293	48.948	ug/l	95
45) 1,2-Dichloropropane	7.434	63	140773	51.795	ug/l	99
46) Dibromomethane	7.586	93	91714	49.621	ug/l	97
47) Bromodichloromethane	7.824	83	173353	51.593	ug/l	98
48) Methyl methacrylate	7.696	41	179094	54.117	ug/l	95
49) 1,4-Dioxane	7.678	88	76965	1006.928	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1248779	273.581	ug/l	96
52) Toluene	8.720	92	315494	50.746	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	182296	50.331	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	205163	51.980	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	132867	50.194	ug/l	96
56) Ethyl methacrylate	9.122	69	224540	53.659	ug/l	93
57) 1,3-Dichloropropane	9.311	76	225362	51.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	585623	281.984	ug/l	96
59) 2-Hexanone	9.433	43	976792	271.242	ug/l	96
60) Dibromochloromethane	9.525	129	127418	51.999	ug/l	97
61) 1,2-Dibromoethane	9.616	107	139560	50.492	ug/l	99
64) Tetrachloroethene	9.275	164	130181	49.664	ug/l	99
65) Chlorobenzene	10.080	112	331658	50.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	120466	53.580	ug/l	100
67) Ethyl Benzene	10.195	91	613963	49.026	ug/l	96
68) m/p-Xylenes	10.305	106	457128	102.027	ug/l	94
69) o-Xylene	10.646	106	230679	52.238	ug/l	95
70) Styrene	10.659	104	388505	53.550	ug/l	97
71) Bromoform	10.805	173	87447	52.904	ug/l	98
73) Isopropylbenzene	10.964	105	596567	52.323	ug/l	98
74) N-amyl acetate	10.848	43	308123	55.605	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	209811	50.276	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	201766m	52.410	ug/l	
77) Bromobenzene	11.201	156	135532	50.646	ug/l	92
78) n-propylbenzene	11.305	91	719267	52.856	ug/l	98
79) 2-Chlorotoluene	11.366	91	423903	49.329	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	502234	52.607	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	66086	51.498	ug/l	97
82) 4-Chlorotoluene	11.457	91	487887	51.964	ug/l	98
83) tert-Butylbenzene	11.719	119	462240	52.237	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	507683	53.302	ug/l	97
85) sec-Butylbenzene	11.896	105	639927	52.837	ug/l	98
86) p-Isopropyltoluene	12.012	119	512672	52.909	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	260227	50.001	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	262269	49.504	ug/l	99
89) n-Butylbenzene	12.335	91	497535	55.151	ug/l	99
90) Hexachloroethane	12.542	117	85863	51.466	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	264468	51.772	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57285	57.234	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	157185	53.060	ug/l	98
94) Hexachlorobutadiene	13.725	225	60190	50.602	ug/l	98
95) Naphthalene	13.780	128	656787	56.759	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	162338	53.433	ug/l	97

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QLast Update : Mon Jul 25 16:49:17 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

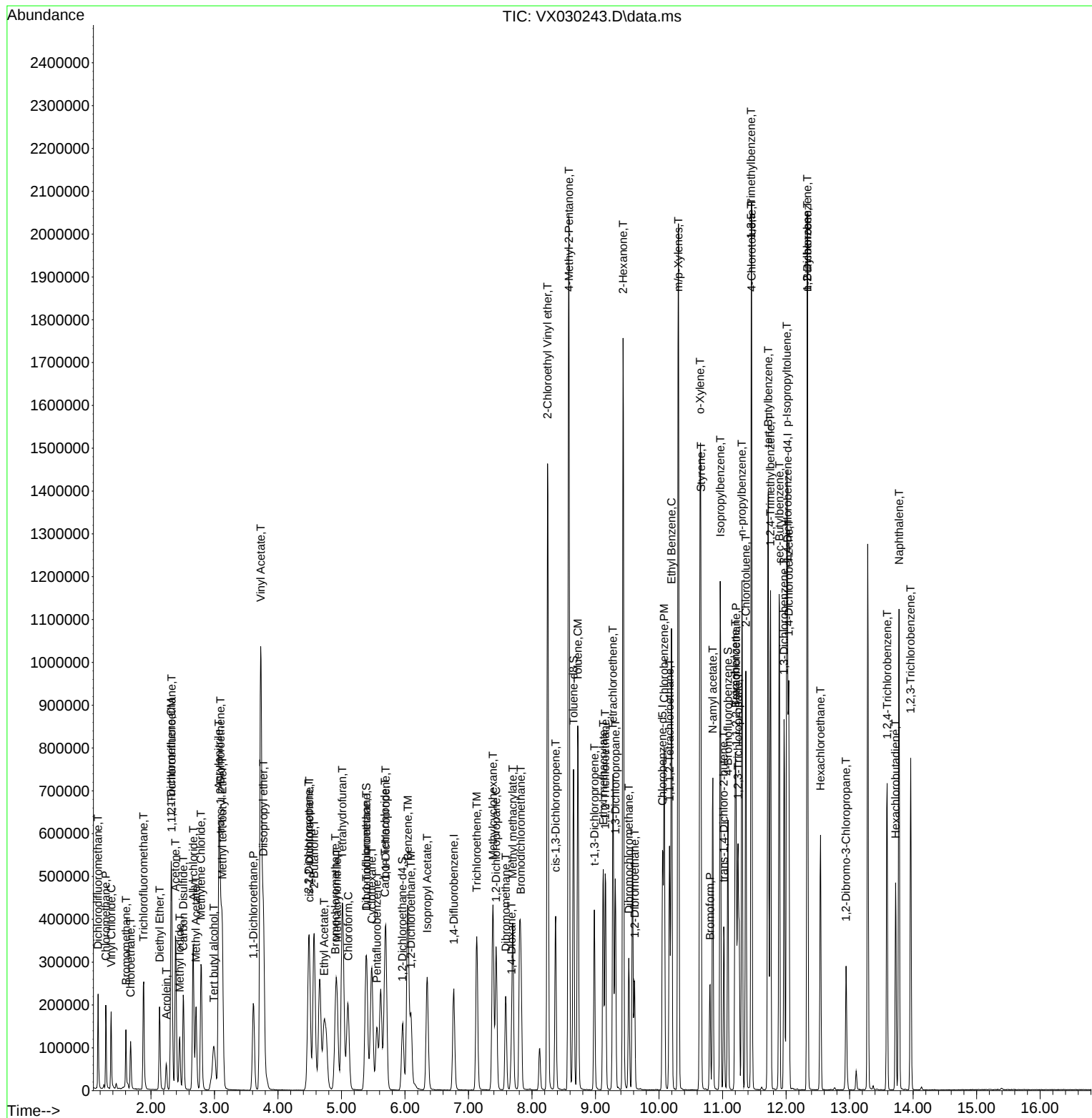
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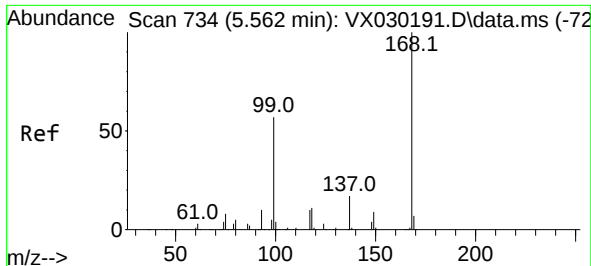
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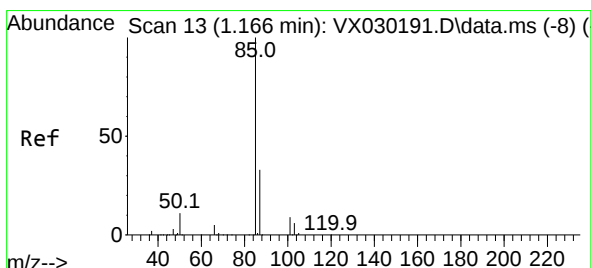
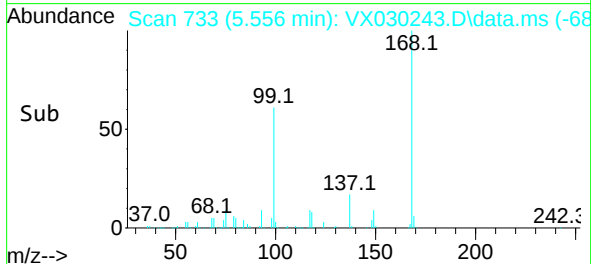
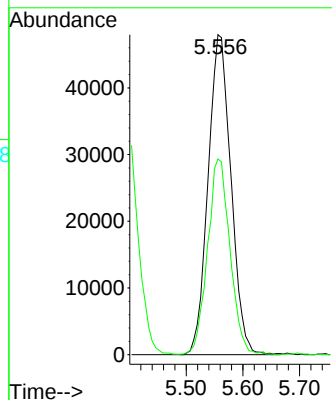
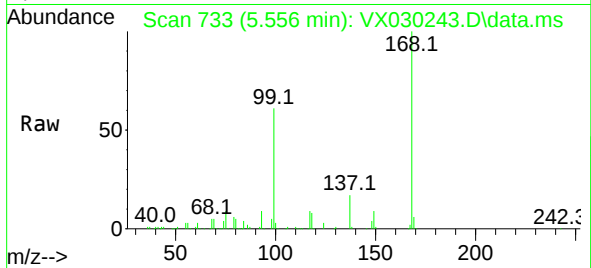
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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ClientSampleId :
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Tgt Ion:168 Resp: 13453
Ion Ratio Lower Upper
168 100
99 61.0 44.0 66.0

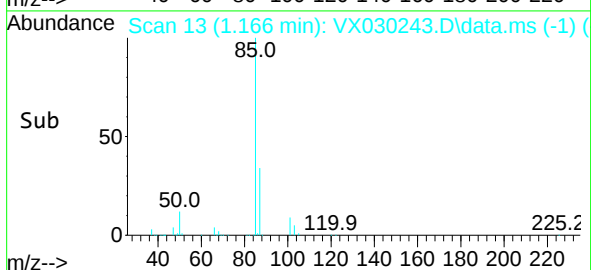
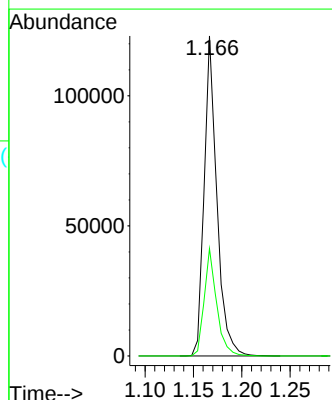
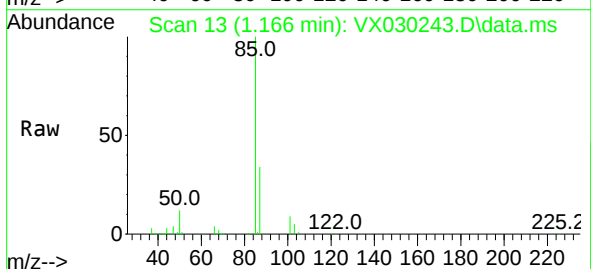
Manual Integrations
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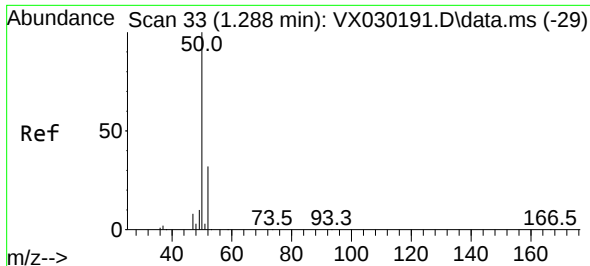
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#2
Dichlorodifluoromethane
Concen: 51.088 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

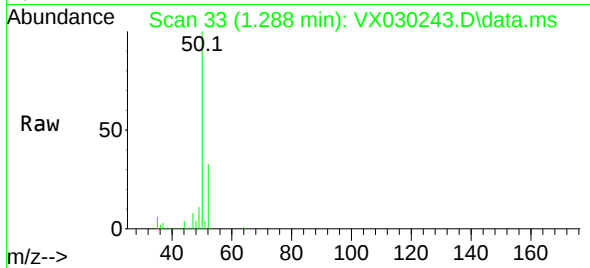
Tgt Ion: 85 Resp: 112783
Ion Ratio Lower Upper
85 100
87 33.6 16.5 49.5





#3
Chloromethane
Concen: 48.029 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

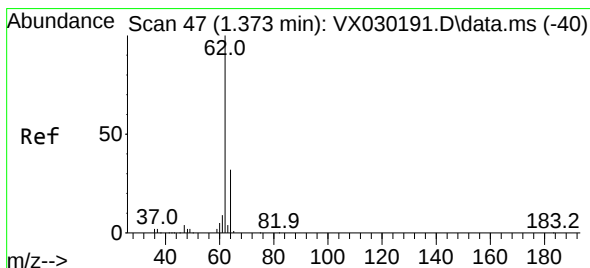
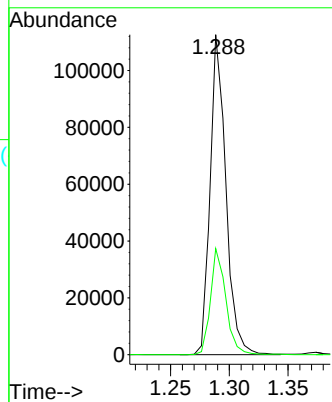
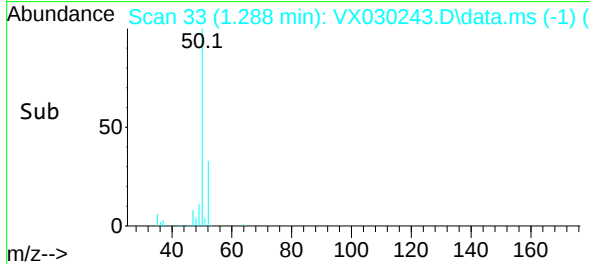
Instrument :
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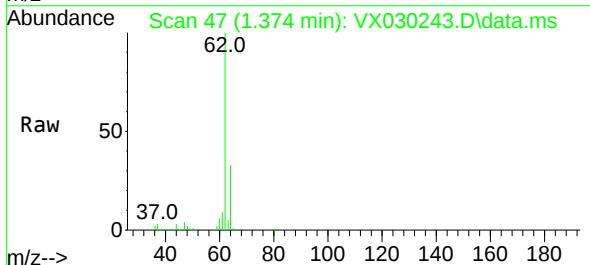
Tgt Ion: 50 Resp: 10485
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5

Manual Integrations
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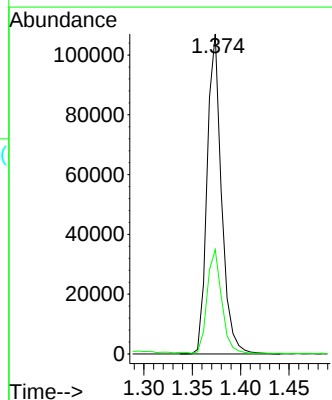
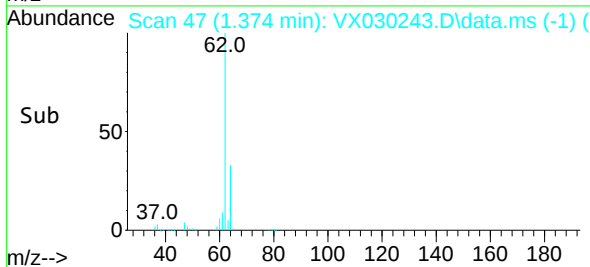
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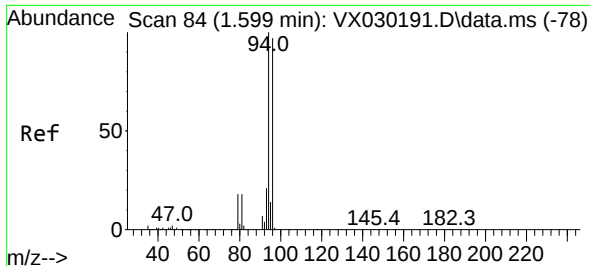


#4
Vinyl Chloride
Concen: 50.419 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



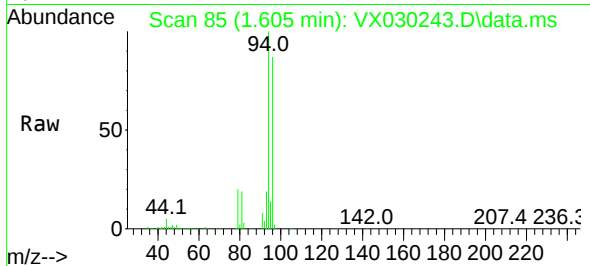
Tgt Ion: 62 Resp: 111092
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8





#5
Bromomethane
Concen: 58.669 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030243.D
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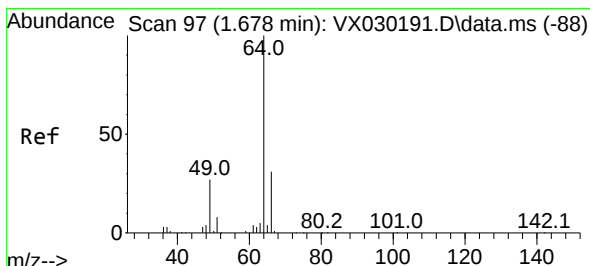
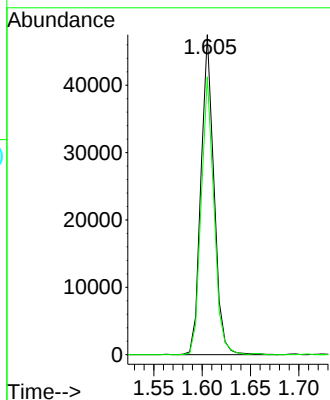
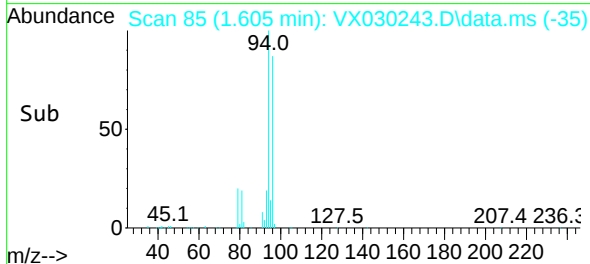
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Tgt Ion: 94 Resp: 44568
Ion Ratio Lower Upper
94 100
96 86.8 76.9 115.3

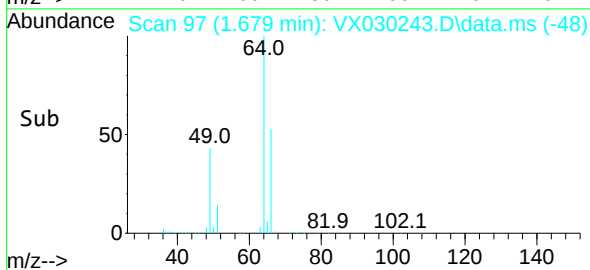
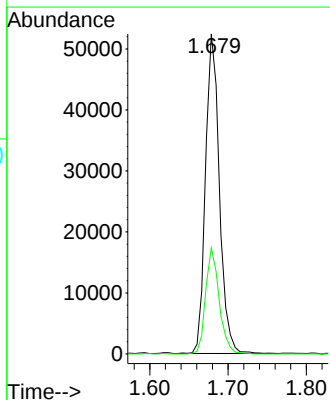
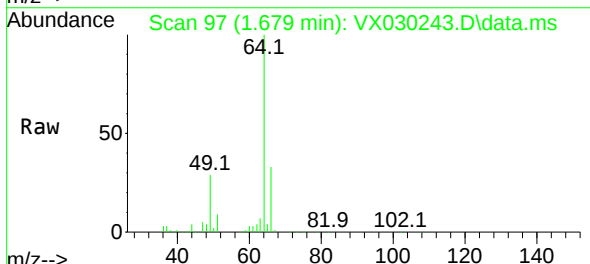
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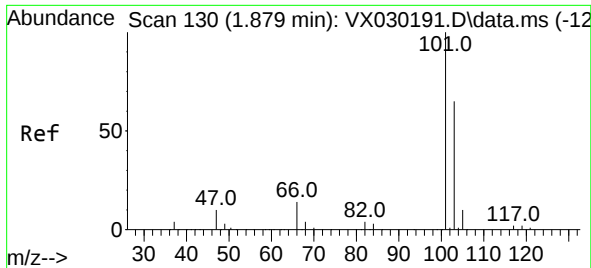
Reviewed By :John Carlone 07/28/2022
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#6
Chloroethane
Concen: 50.934 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

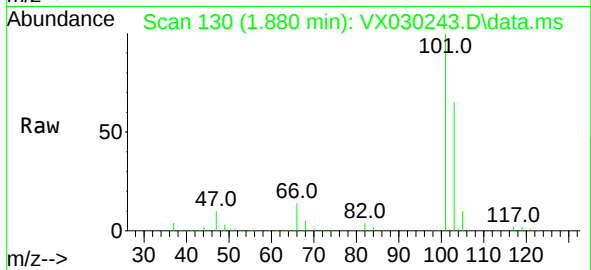
Tgt Ion: 64 Resp: 64438
Ion Ratio Lower Upper
64 100
66 33.2 27.2 40.8





#7
Trichlorofluoromethane
Concen: 52.551 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

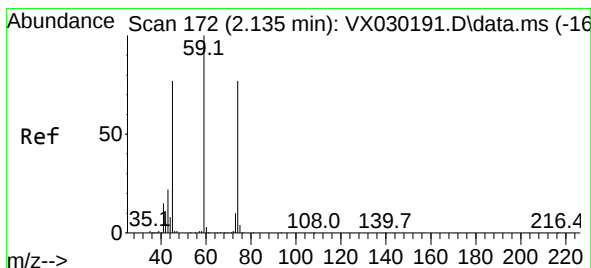
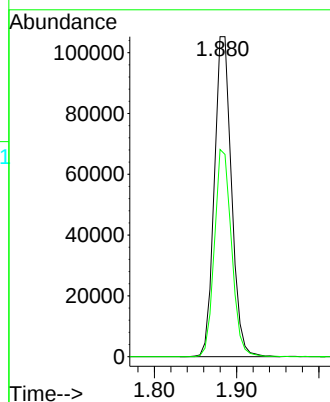
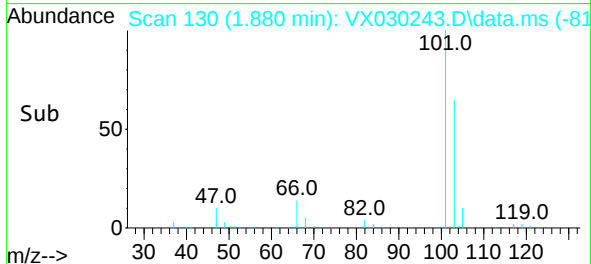
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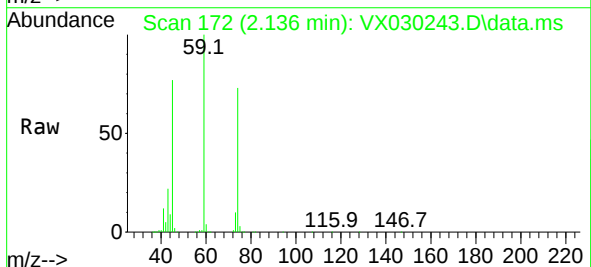
Tgt Ion:101 Resp: 152552
Ion Ratio Lower Upper
101 100
103 64.7 49.7 74.5

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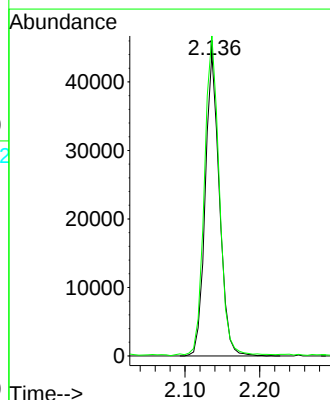
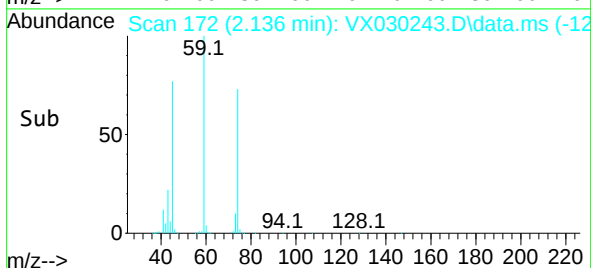
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#8
Diethyl Ether
Concen: 51.257 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
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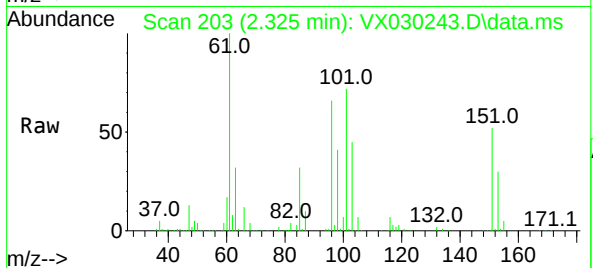
Tgt Ion: 74 Resp: 58267
Ion Ratio Lower Upper
74 100
45 111.6 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.103 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

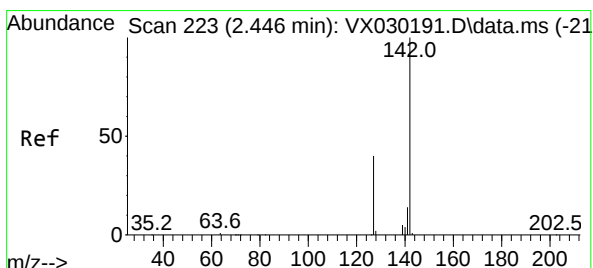
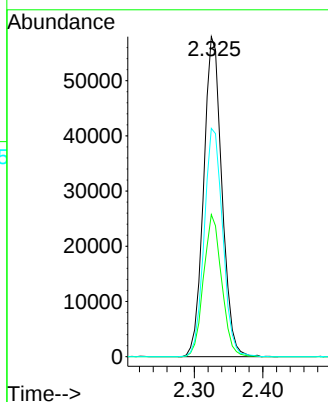
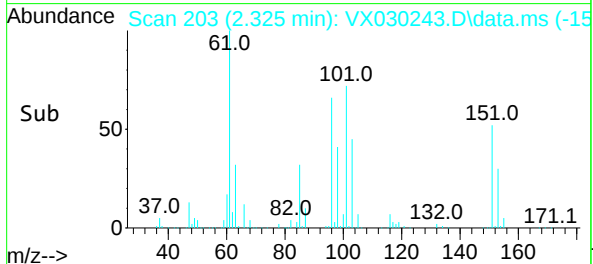
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



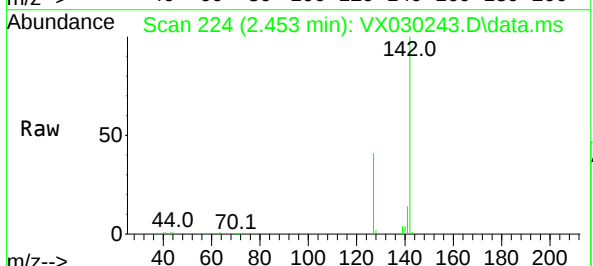
Tgt Ion:101 Resp: 107730
Ion Ratio Lower Upper
101 100
85 43.8 34.0 51.0
151 72.3 59.4 89.0

Manual Integrations
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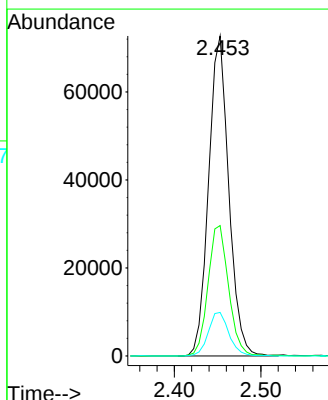
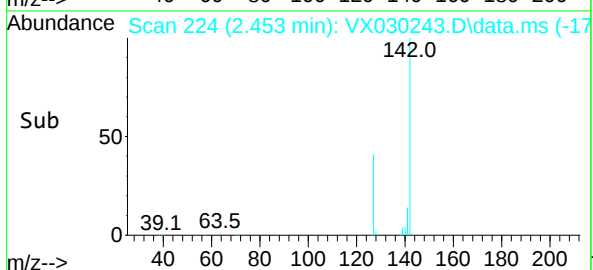
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#10
Methyl Iodide
Concen: 56.009 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



Tgt Ion:142 Resp: 117762
Ion Ratio Lower Upper
142 100
127 41.7 30.2 45.2
141 14.0 11.3 16.9





#11

Tert butyl alcohol

Concen: 280.487 ug/l

RT: 2.989 min Scan# 310

Delta R.T. 0.012 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 18501

Ion Ratio Lower Upper

59 100

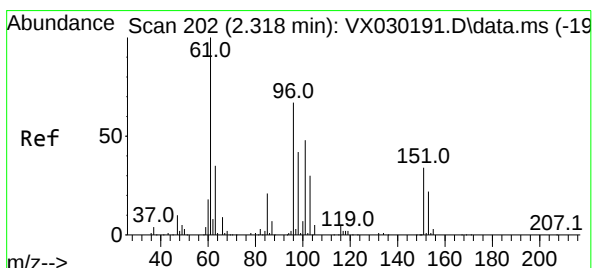
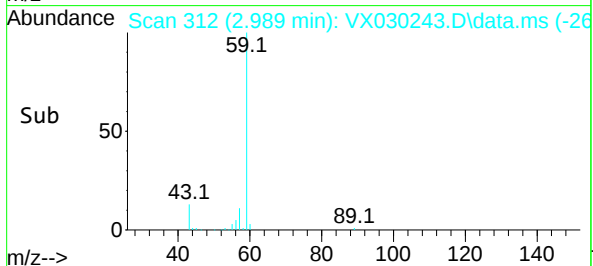
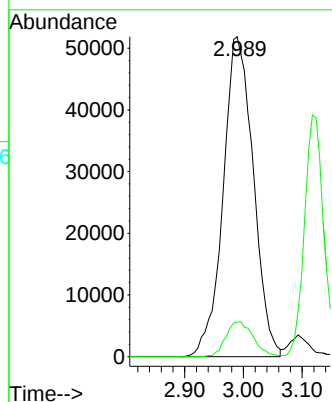
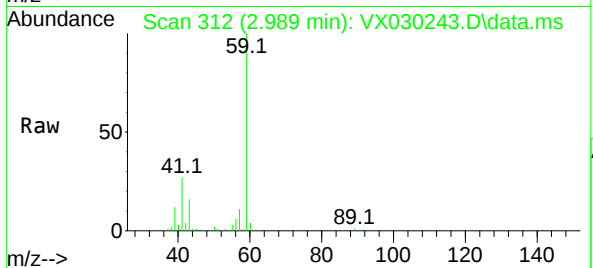
57 10.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#12

1,1-Dichloroethene

Concen: 51.647 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

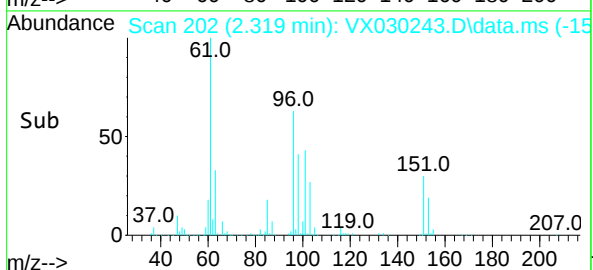
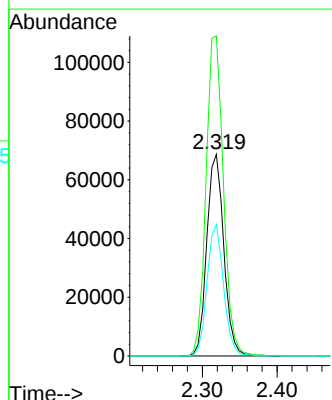
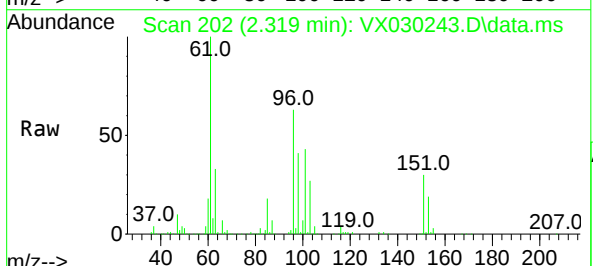
Tgt Ion: 96 Resp: 108546

Ion Ratio Lower Upper

96 100

61 158.7 117.4 176.0

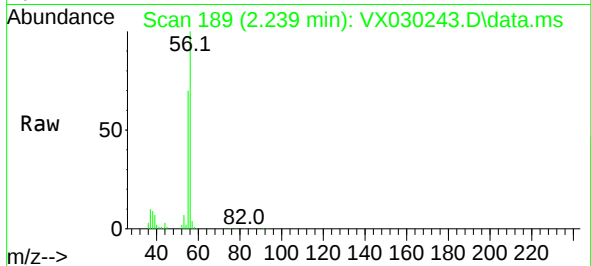
98 65.3 52.2 78.4





#13
Acrolein
Concen: 265.798 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

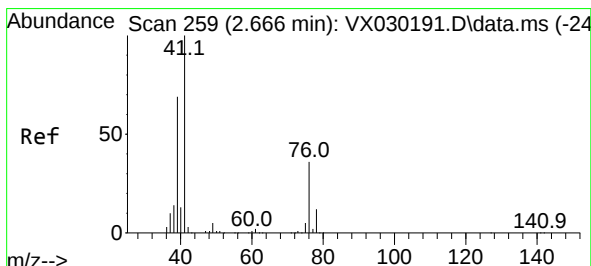
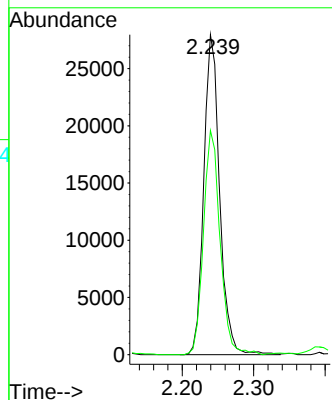
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 43092
Ion Ratio Lower Upper
56 100
55 73.5 56.6 84.8

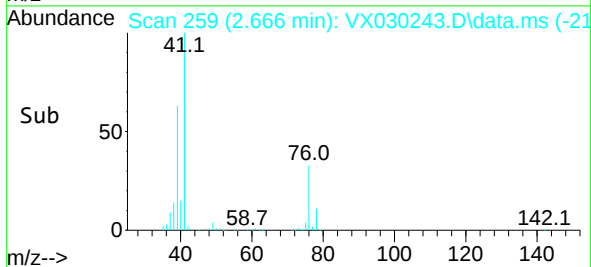
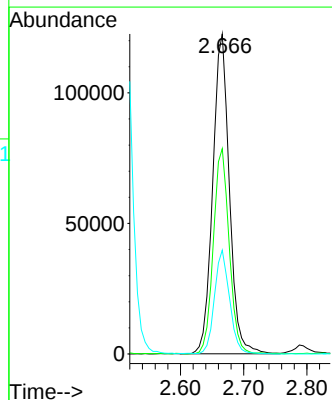
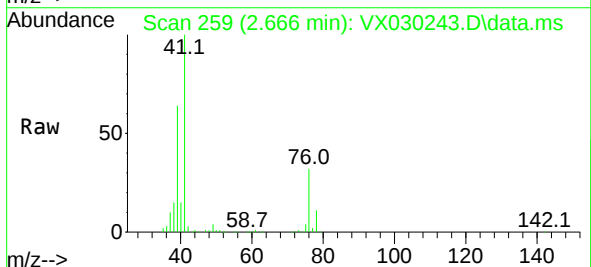
Manual Integrations
APPROVED

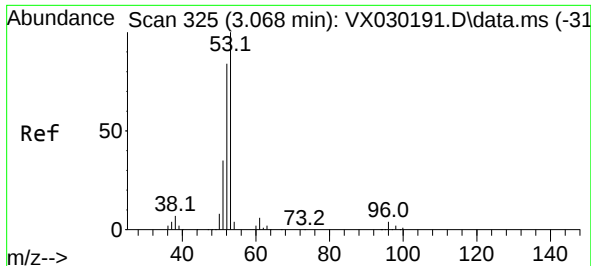
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#14
Allyl chloride
Concen: 51.525 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

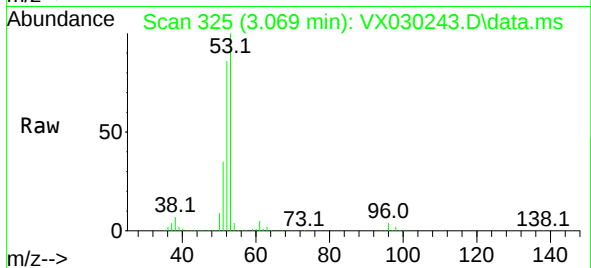
Tgt Ion: 41 Resp: 223458
Ion Ratio Lower Upper
41 100
39 61.2 48.9 73.3
76 29.5 26.9 40.3





#15
Acrylonitrile
Concen: 272.302 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

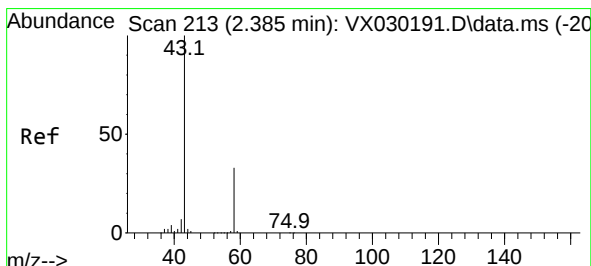
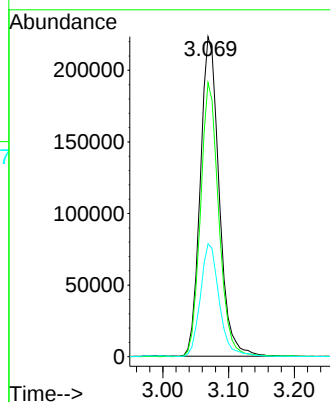
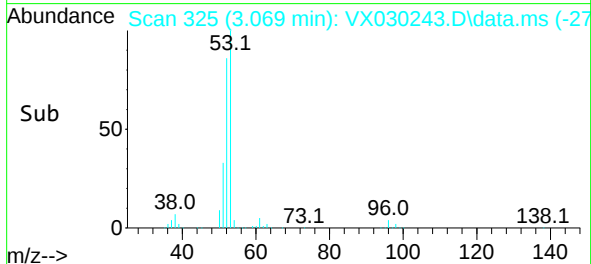
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 443862
Ion Ratio Lower Upper
53 100
52 83.2 65.4 98.0
51 35.1 27.7 41.5

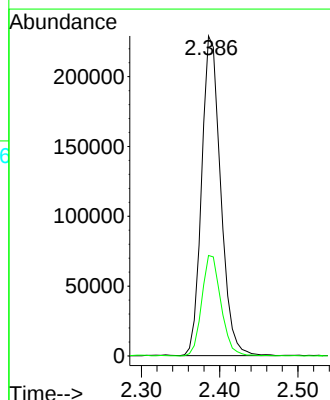
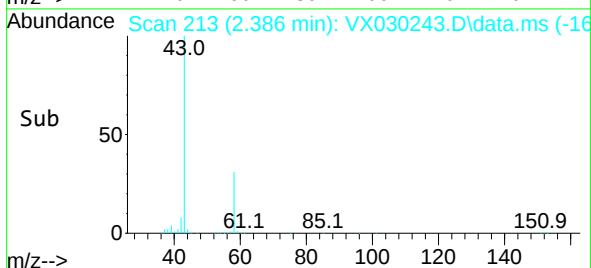
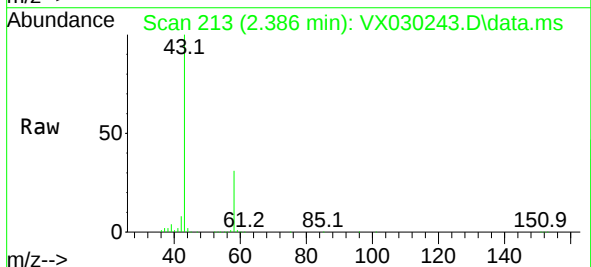
Manual Integrations
APPROVED

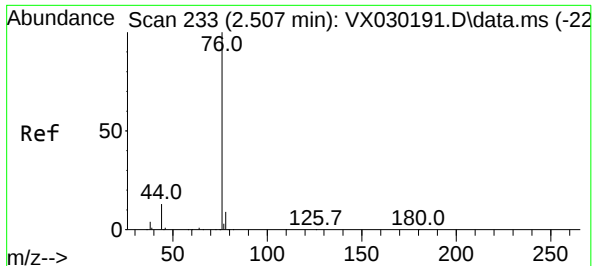
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#16
Acetone
Concen: 279.016 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

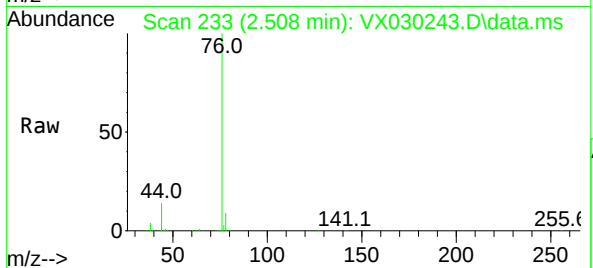
Tgt Ion: 43 Resp: 386279
Ion Ratio Lower Upper
43 100
58 31.5 27.7 41.5





#17
Carbon Disulfide
Concen: 46.976 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

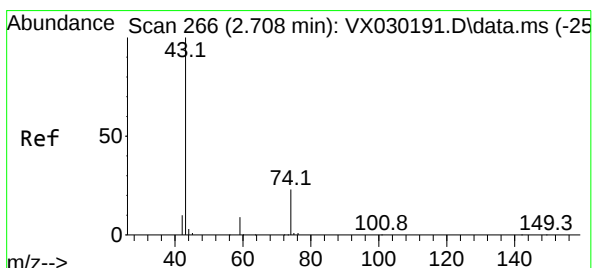
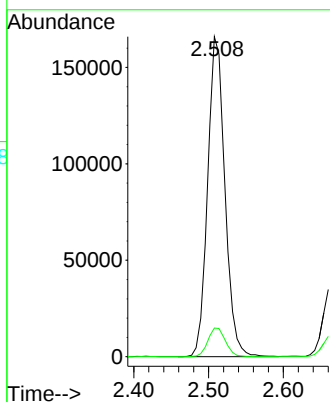
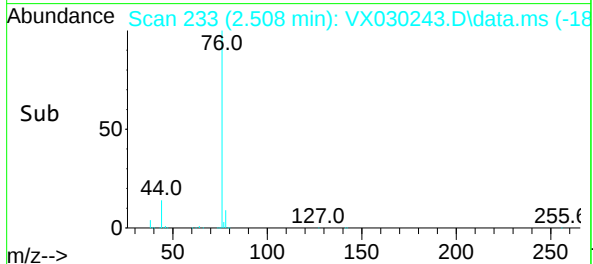
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



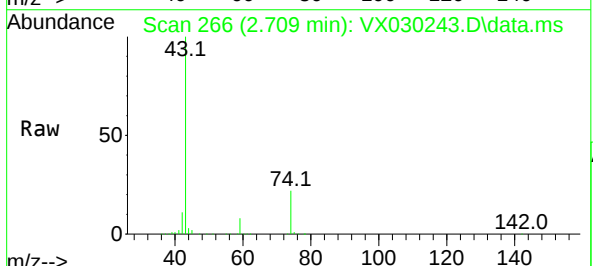
Tgt Ion: 76 Resp: 26650
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6

Manual Integrations
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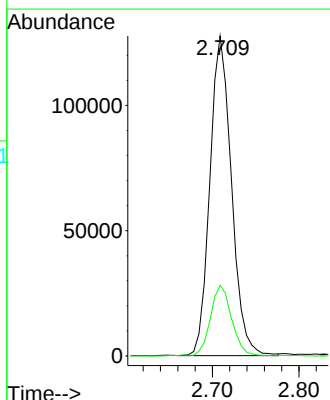
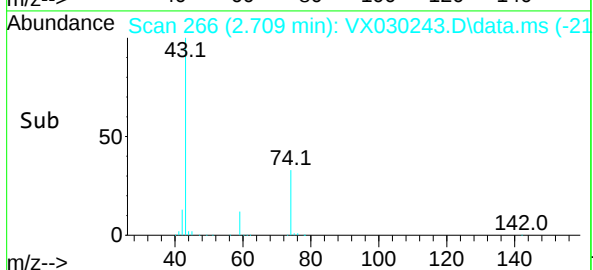
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#18
Methyl Acetate
Concen: 53.959 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



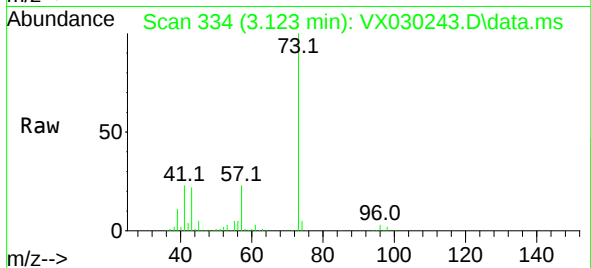
Tgt Ion: 43 Resp: 220957
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 54.141 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

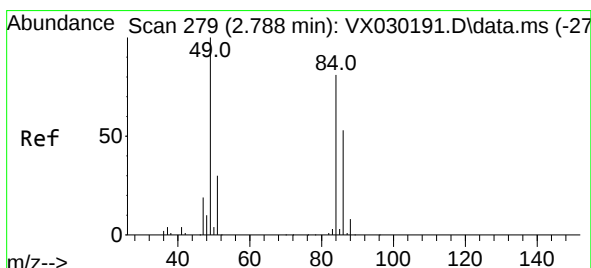
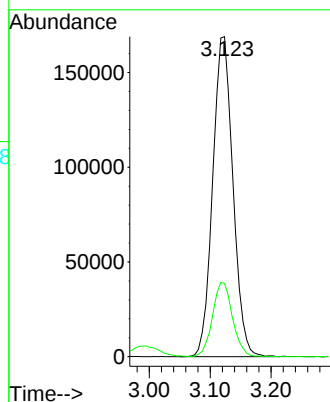
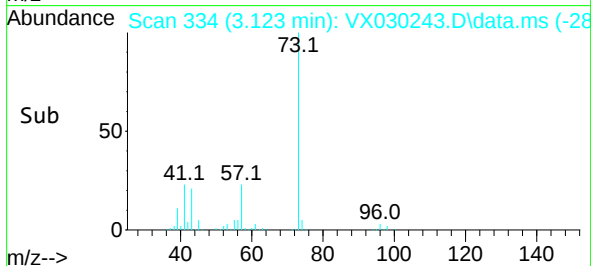
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 389764
Ion Ratio Lower Upper
73 100
57 22.9 19.0 28.6

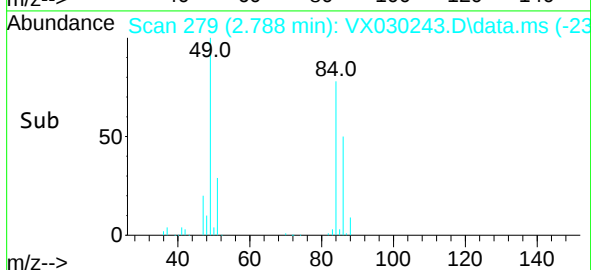
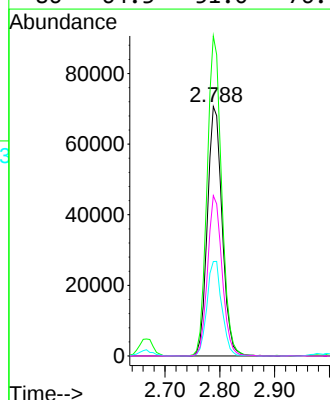
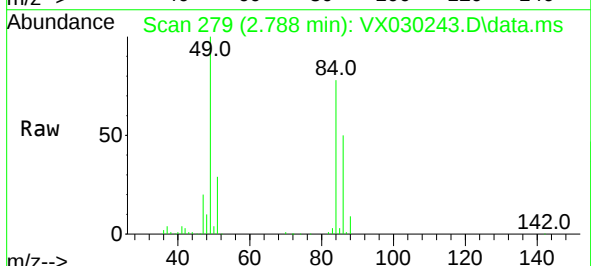
Manual Integrations
APPROVED

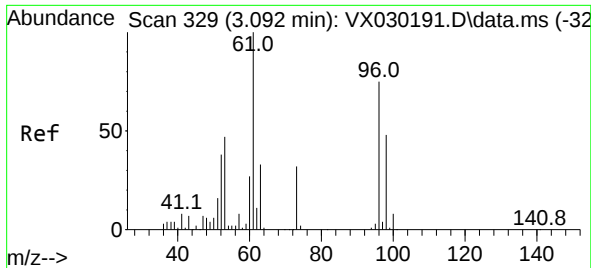
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#20
Methylene Chloride
Concen: 55.568 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

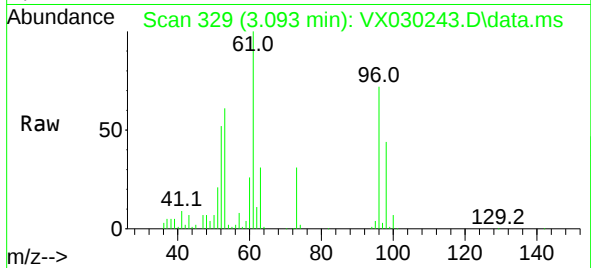
Tgt Ion: 84 Resp: 131191
Ion Ratio Lower Upper
84 100
49 128.3 93.8 140.6
51 37.8 29.4 44.0
86 64.3 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 50.731 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

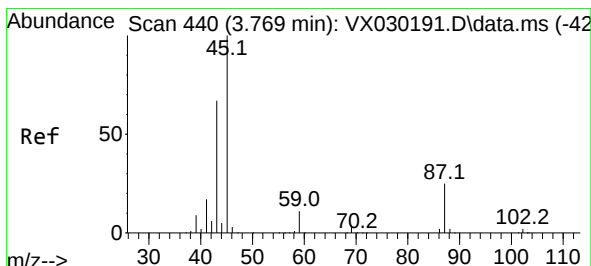
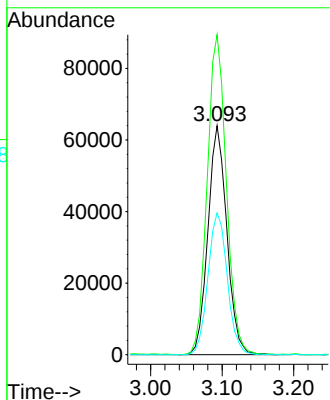
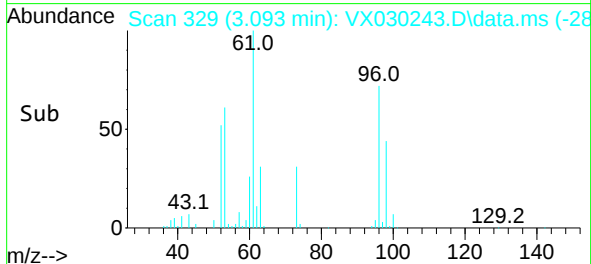
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



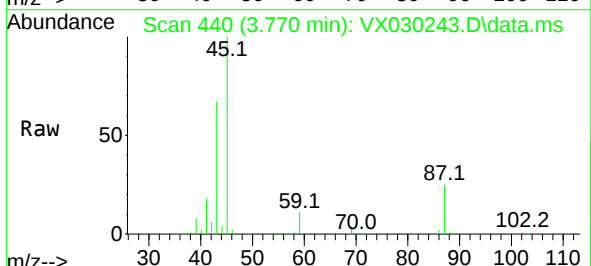
Tgt Ion: 96 Resp: 11768
Ion Ratio Lower Upper
96 100
61 139.7 105.6 158.4
98 61.9 50.1 75.1

Manual Integrations
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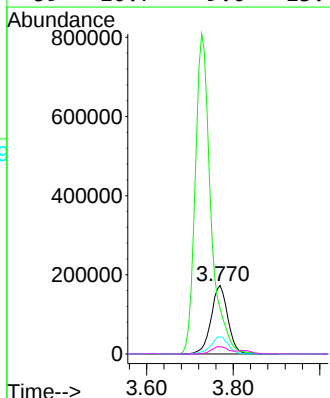
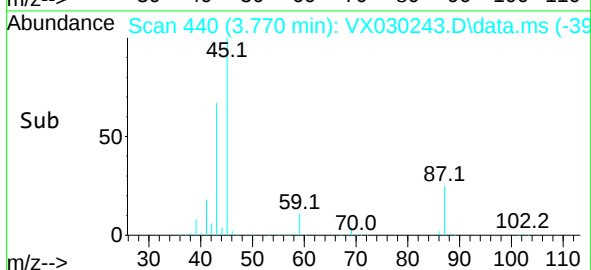
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

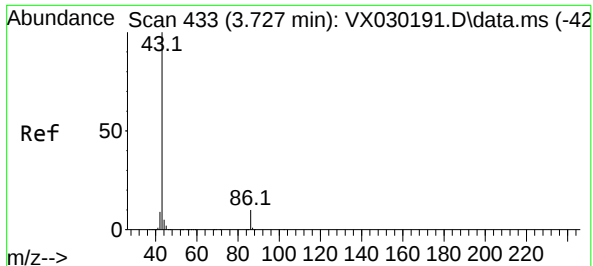


#22
Diisopropyl ether
Concen: 56.294 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



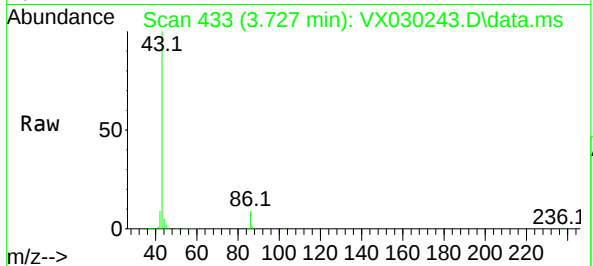
Tgt Ion: 45 Resp: 461926
Ion Ratio Lower Upper
45 100
43 66.8 65.4 98.0
87 25.1 22.3 33.5
59 10.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 283.460 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030243.D
 Acq: 27 Jul 2022 19:46

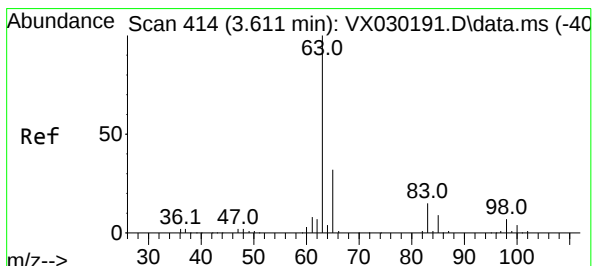
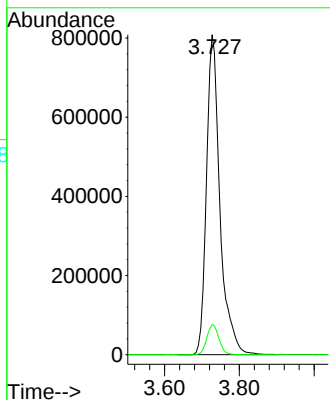
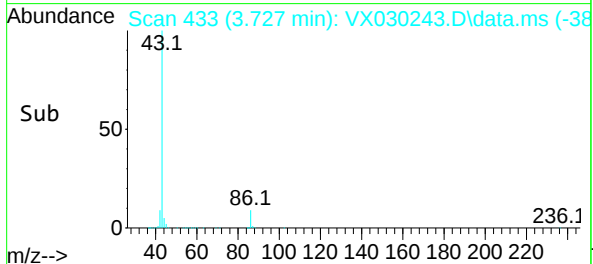
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



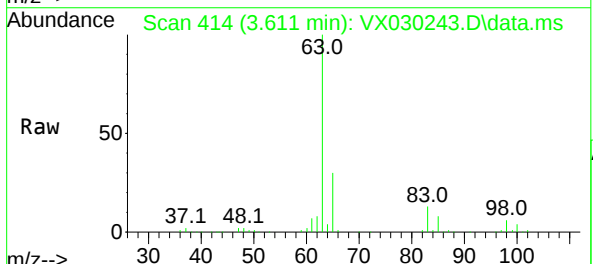
Tgt Ion: 43 Resp: 201766
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7

Manual Integrations
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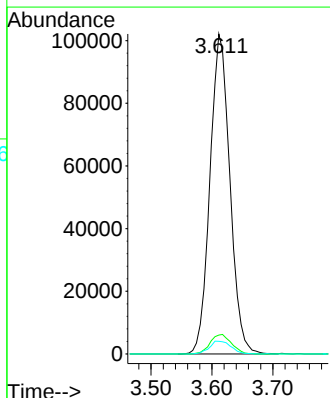
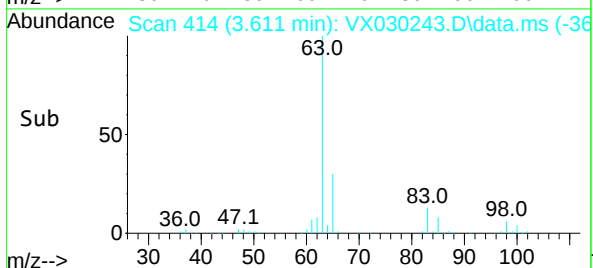
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#24
 1,1-Dichloroethane
 Concen: 53.215 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030243.D
 Acq: 27 Jul 2022 19:46



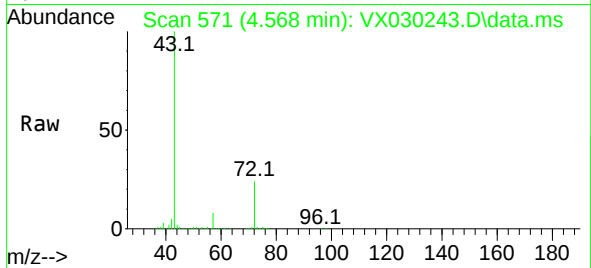
Tgt Ion: 63 Resp: 232033
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.5
 100 4.0 2.3 6.9





#25
2-Butanone
Concen: 279.155 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

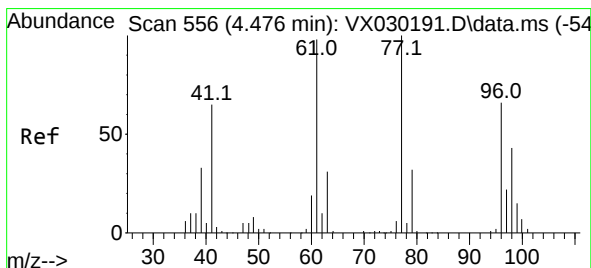
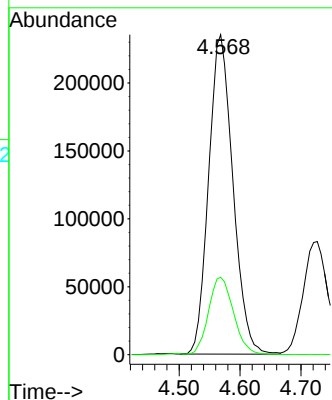
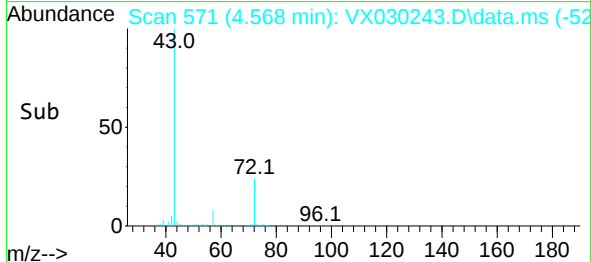
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



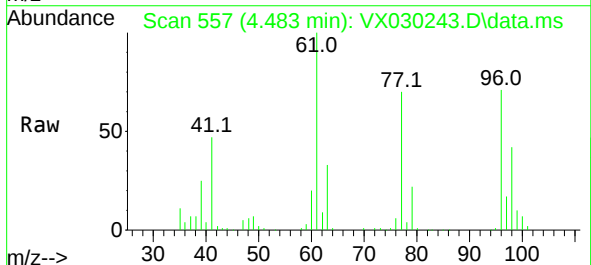
Tgt Ion: 43 Resp: 649440
Ion Ratio Lower Upper
43 100
72 24.2 21.7 32.5

Manual Integrations
APPROVED

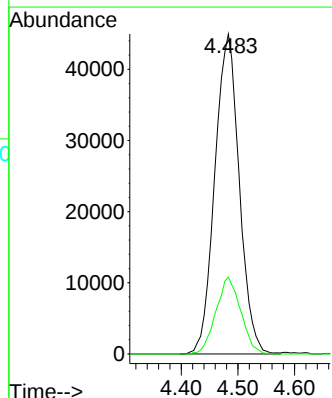
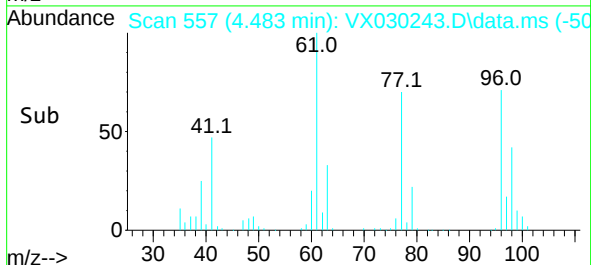
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#26
2,2-Dichloropropane
Concen: 42.664 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.007 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



Tgt Ion: 77 Resp: 134515
Ion Ratio Lower Upper
77 100
97 24.3 13.0 39.0





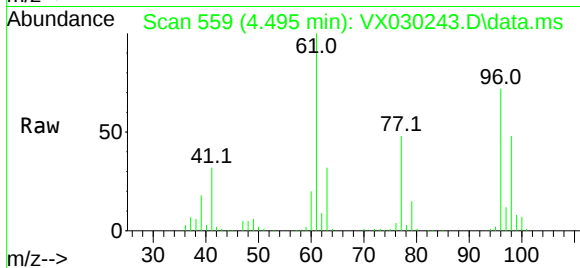
#27
 cis-1,2-Dichloroethene
 Concen: 51.796 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX030243.D
 Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



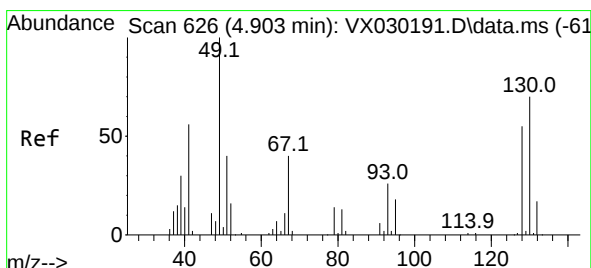
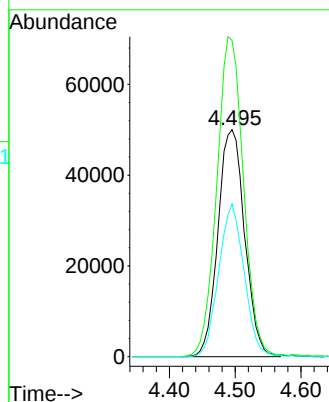
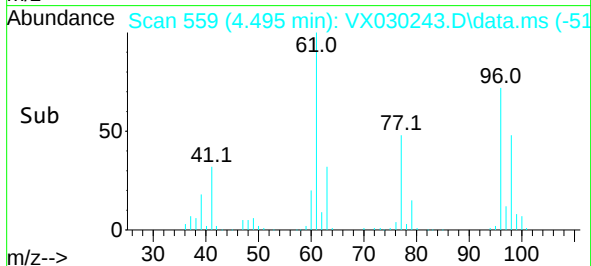
Tgt Ion: 96 Resp: 141294
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 270.0
 98 64.2 0.0 127.8

Manual Integrations

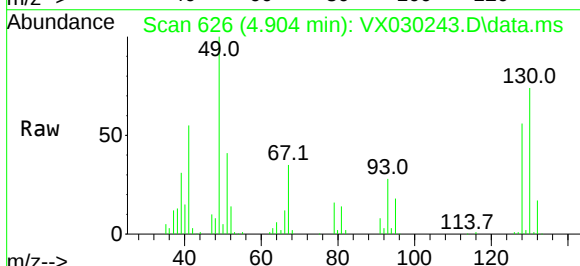
APPROVED

Reviewed By :John Carlone 07/28/2022

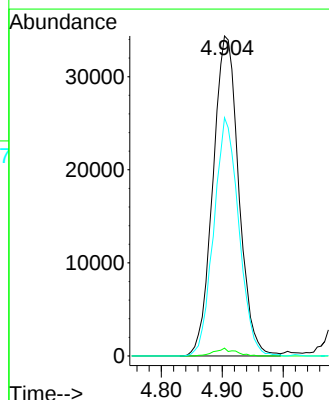
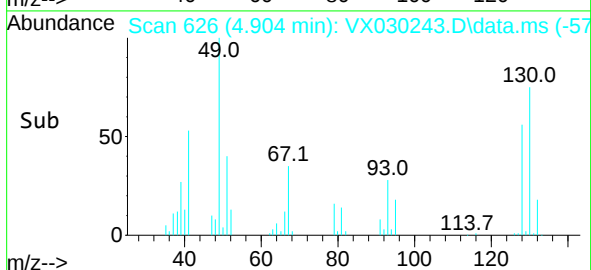
Supervised By :Mahesh Dadoda 07/28/2022



#28
 Bromochloromethane
 Concen: 55.030 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.001 min
 Lab File: VX030243.D
 Acq: 27 Jul 2022 19:46



Tgt Ion: 49 Resp: 101369
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 72.2 62.8 94.2





#29

Tetrahydrofuran

Concen: 277.877 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030243.D

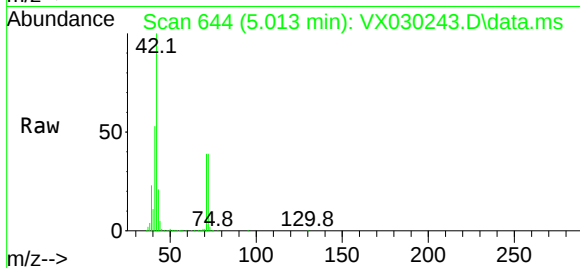
Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



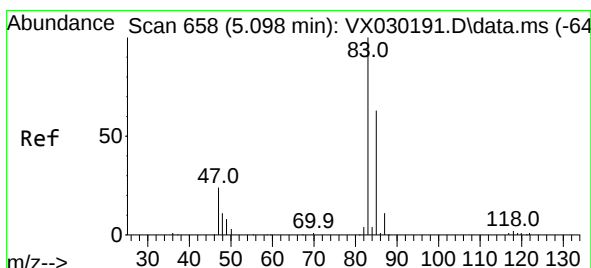
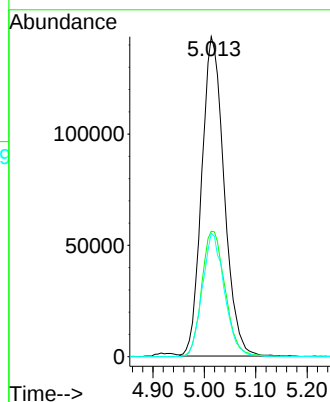
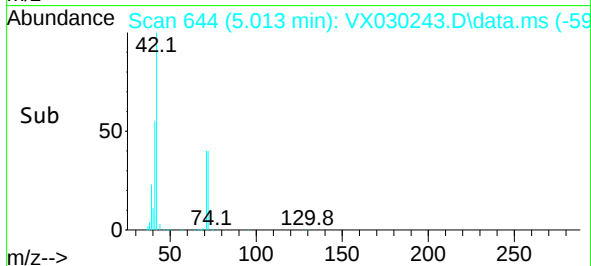
Tgt Ion:	42	Resp:	43496
Ion Ratio	Lower	Upper	
42	100		
72	41.1	36.5	54.7
71	38.1	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#30

Chloroform

Concen: 53.704 ug/l

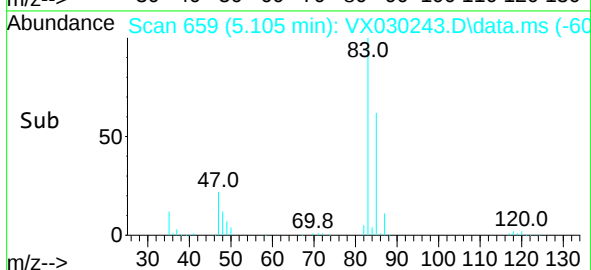
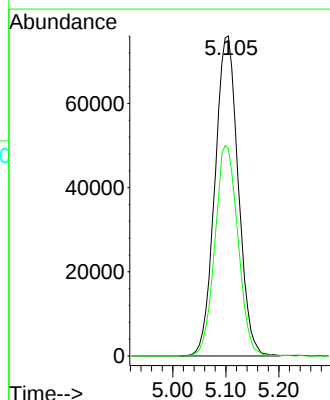
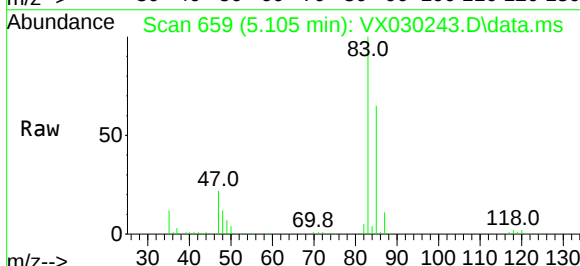
RT: 5.105 min Scan# 659

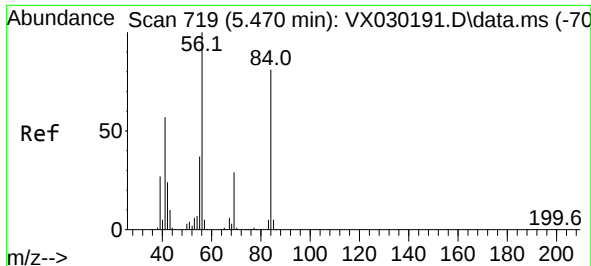
Delta R.T. 0.007 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

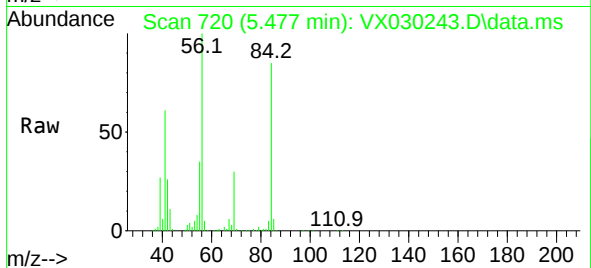
Tgt Ion:	83	Resp:	231852
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.5	77.3





#31
Cyclohexane
Concen: 51.050 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

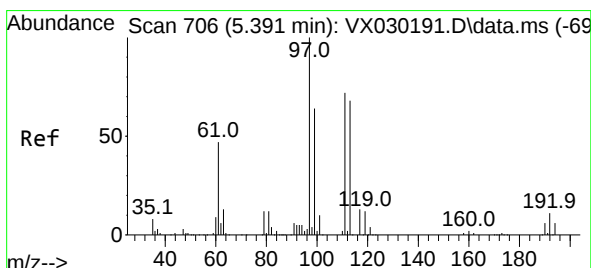
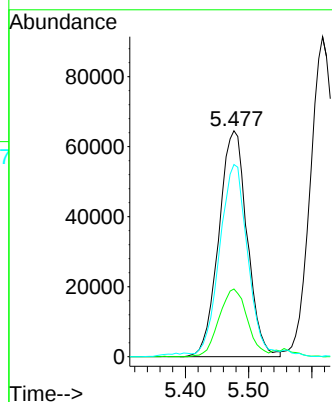
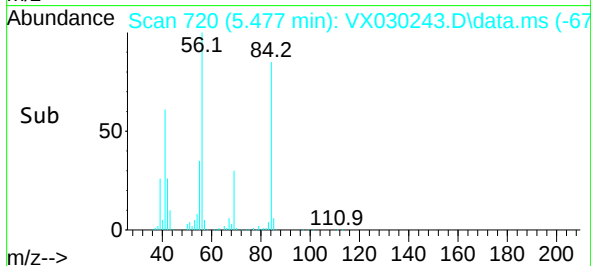
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



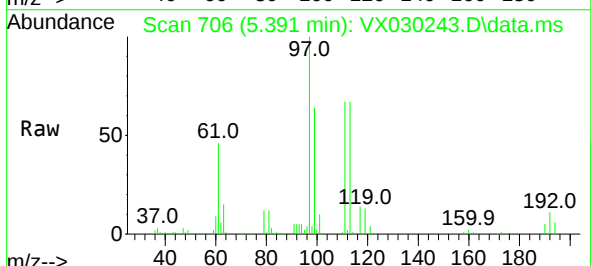
Tgt Ion: 56 Resp: 200428
Ion Ratio Lower Upper
56 100
69 30.0 25.4 38.0
84 83.9 68.9 103.3

Manual Integrations
APPROVED

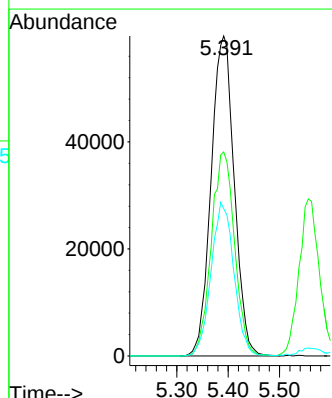
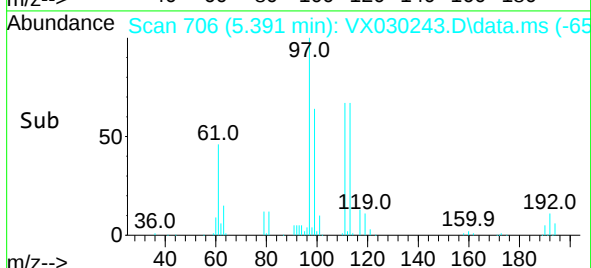
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

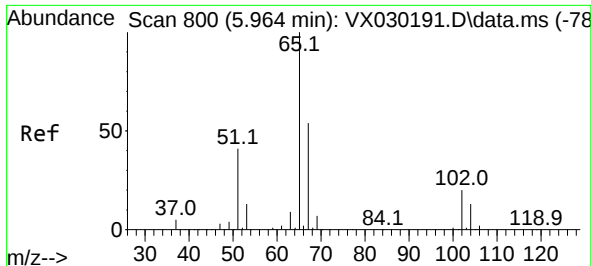


#32
1,1,1-Trichloroethane
Concen: 53.235 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



Tgt Ion: 97 Resp: 186815
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 47.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 53.382 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 14435

Ion Ratio Lower Upper

65 100

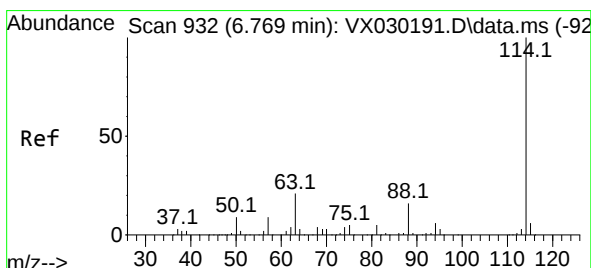
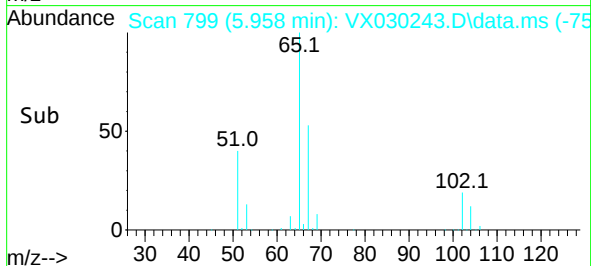
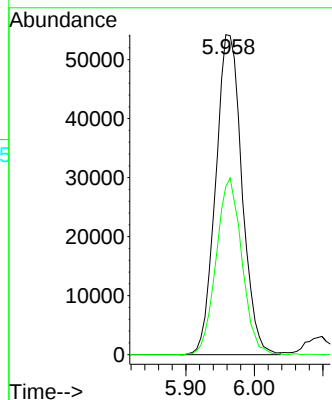
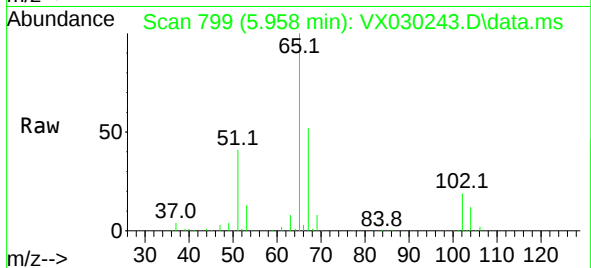
67 53.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

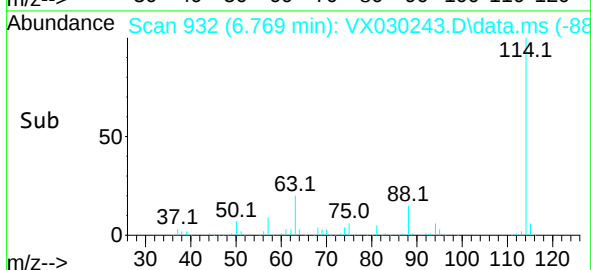
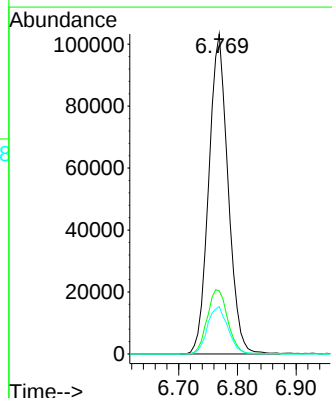
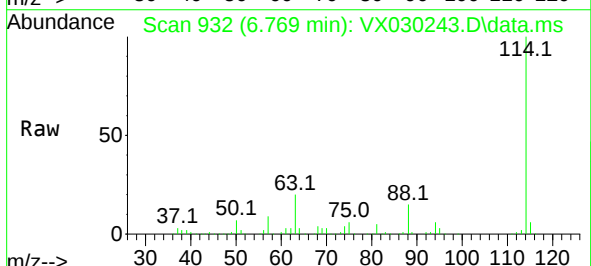
Tgt Ion:114 Resp: 235426

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.087 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030243.D

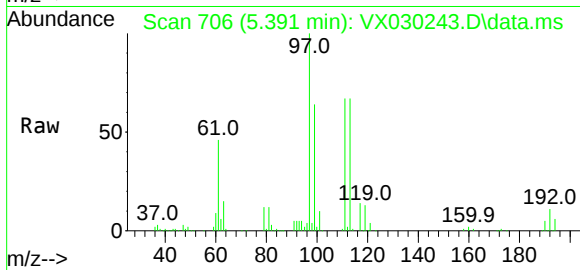
Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



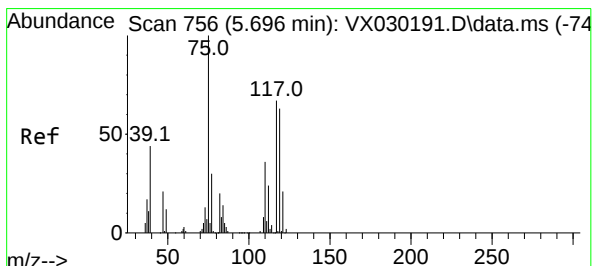
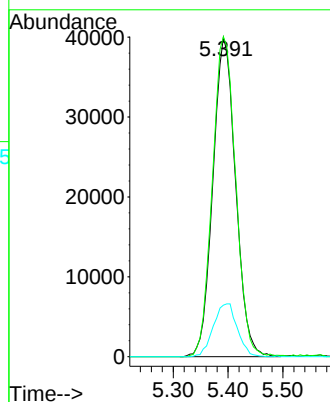
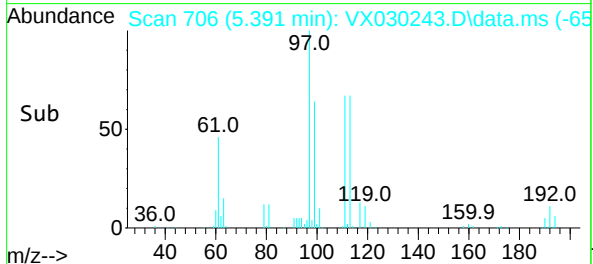
Tgt Ion:	113	Resp:	11497
Ion Ratio	Lower	Upper	
113	100		
111	102.8	83.2	124.8
192	17.5	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#36

1,1-Dichloropropene

Concen: 50.121 ug/l

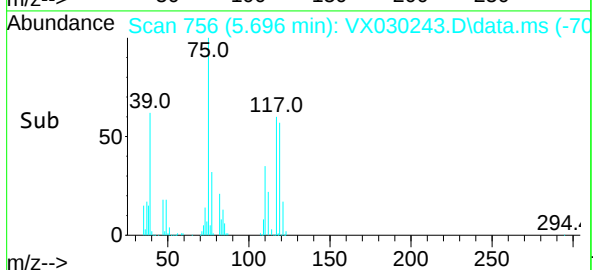
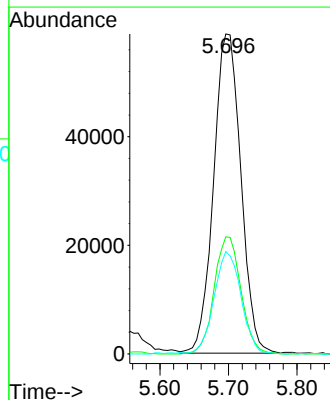
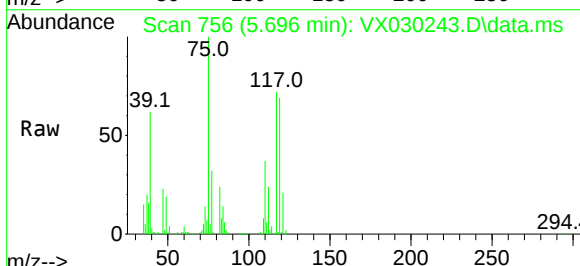
RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Tgt Ion:	75	Resp:	162331
Ion Ratio	Lower	Upper	
75	100		
110	36.1	19.3	57.9
77	32.0	24.4	36.6





#37

Ethyl Acetate

Concen: 52.116 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 23903

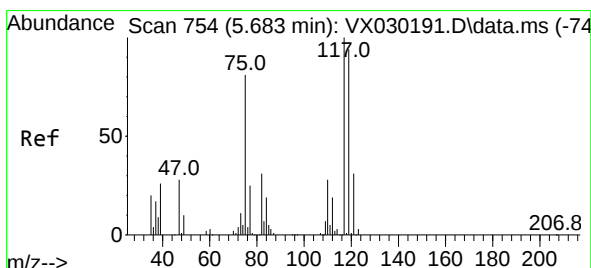
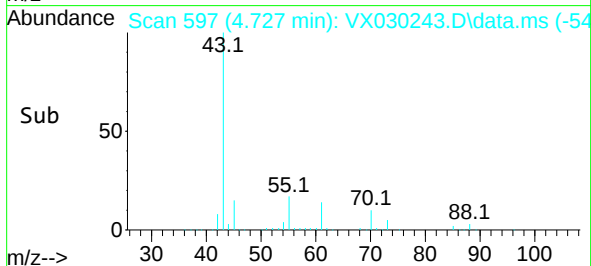
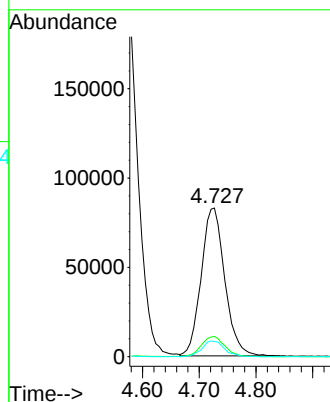
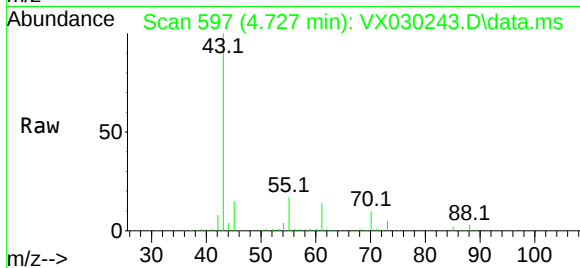
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.7	17.5
70	10.2	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#38

Carbon Tetrachloride

Concen: 50.846 ug/l

RT: 5.684 min Scan# 754

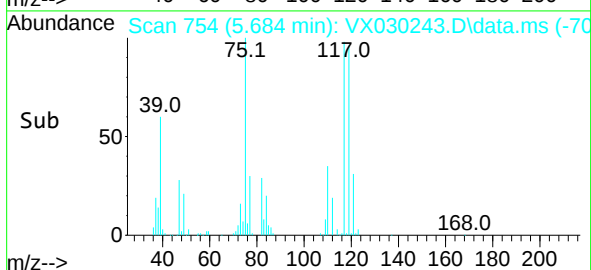
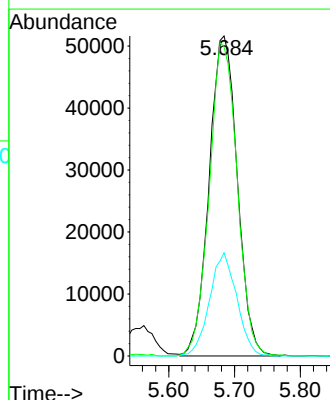
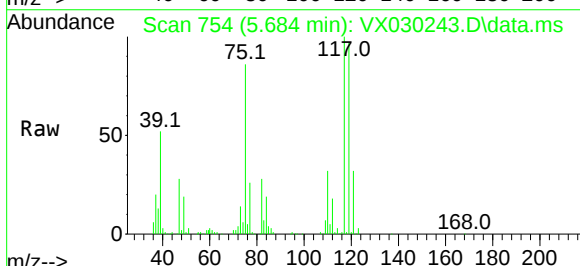
Delta R.T. 0.001 min

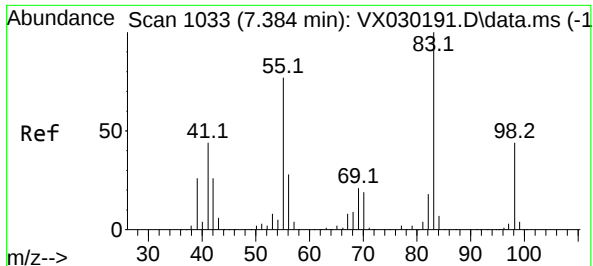
Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Tgt Ion:117 Resp: 153738

Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.1	111.1
121	32.2	25.8	38.8





#39

Methylcyclohexane

Concen: 46.188 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.001 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 193094

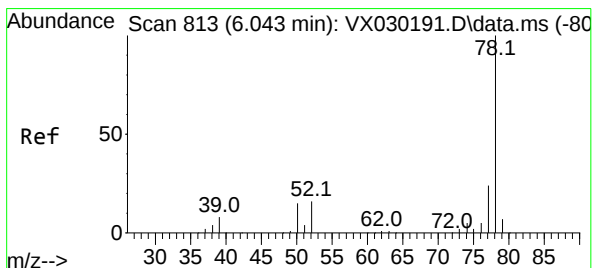
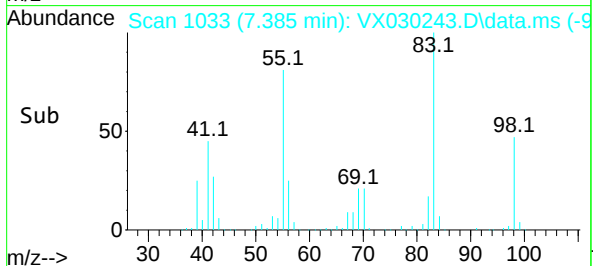
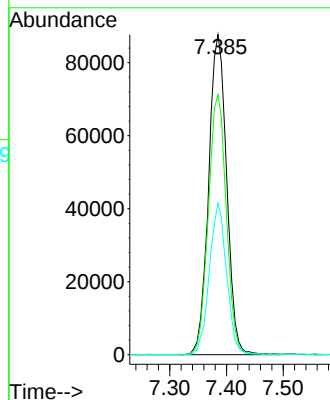
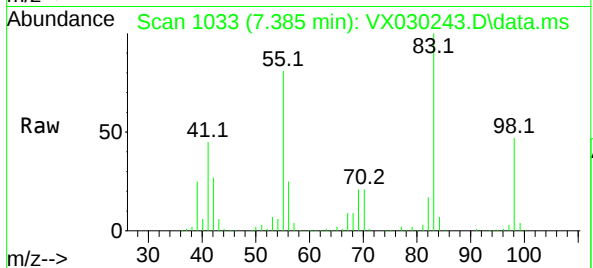
Ion	Ratio	Lower	Upper
83	100		
55	81.1	57.7	86.5
98	47.3	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#40

Benzene

Concen: 51.173 ug/l

RT: 6.044 min Scan# 813

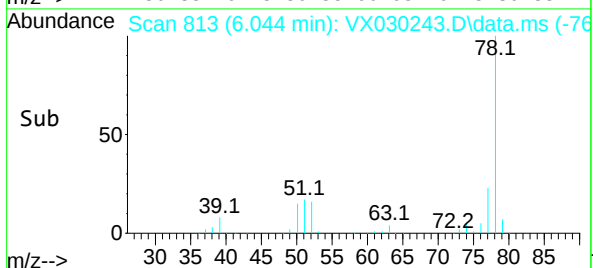
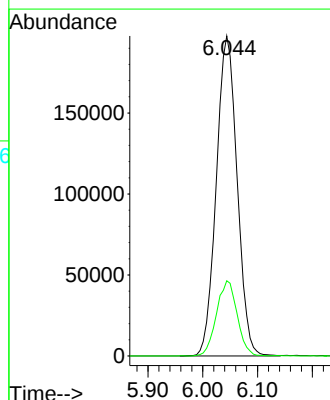
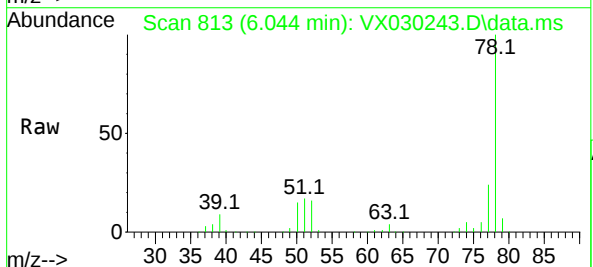
Delta R.T. 0.001 min

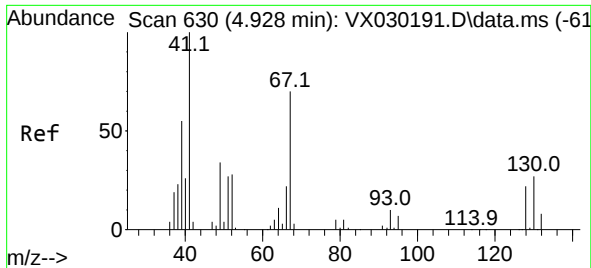
Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Tgt Ion: 78 Resp: 521468

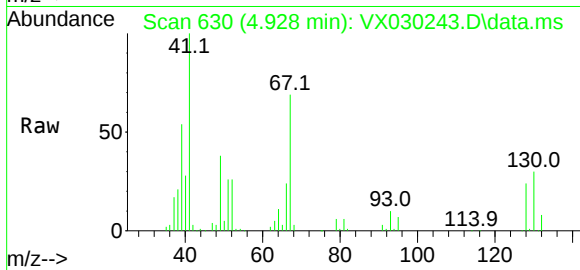
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.0	27.0





#41
Methacrylonitrile
Concen: 54.281 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

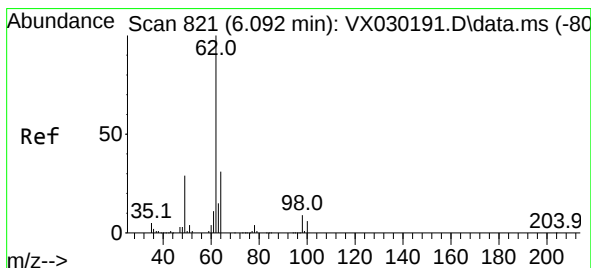
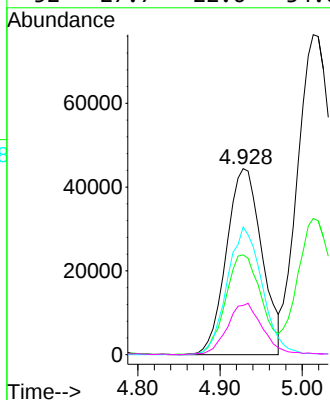
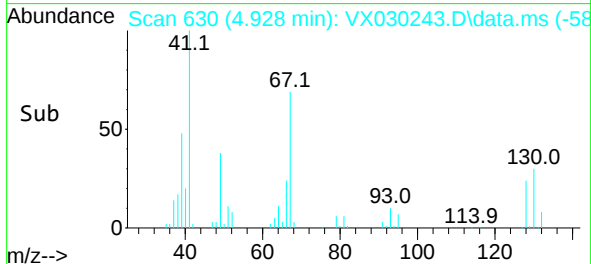
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



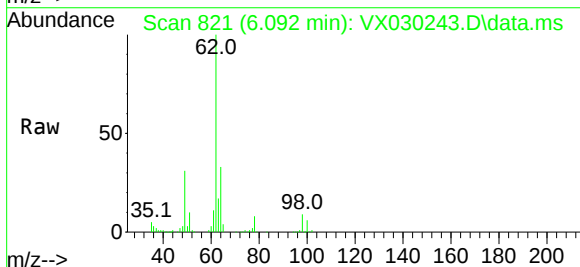
Tgt Ion: 41 Resp: 13345
Ion Ratio Lower Upper
41 100
39 54.1 42.9 64.3
67 67.6 60.1 90.1
52 27.7 22.6 34.0

Manual Integrations
APPROVED

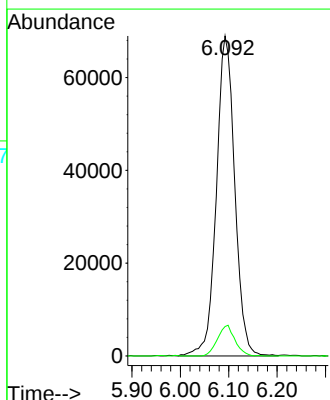
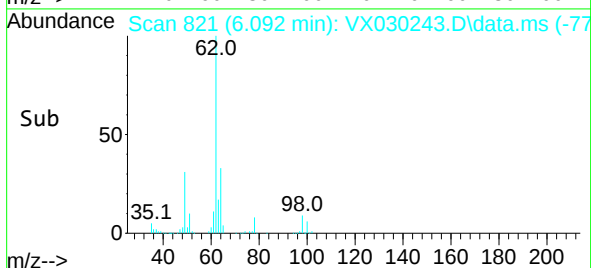
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

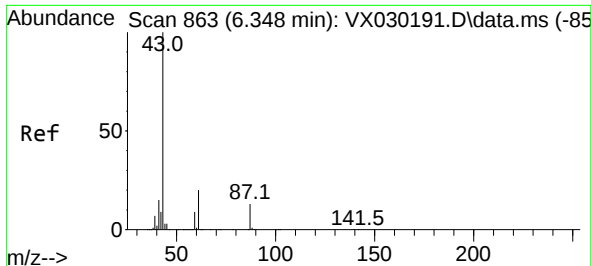


#42
1,2-Dichloroethane
Concen: 51.670 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



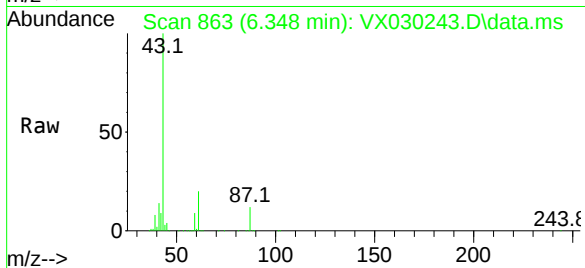
Tgt Ion: 62 Resp: 181939
Ion Ratio Lower Upper
62 100
98 9.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 53.858 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

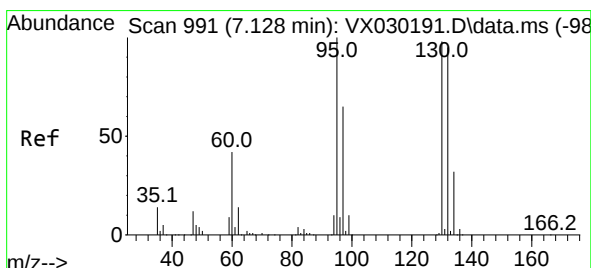
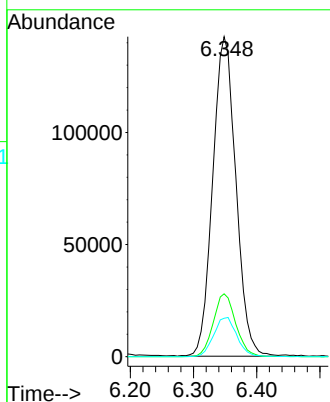
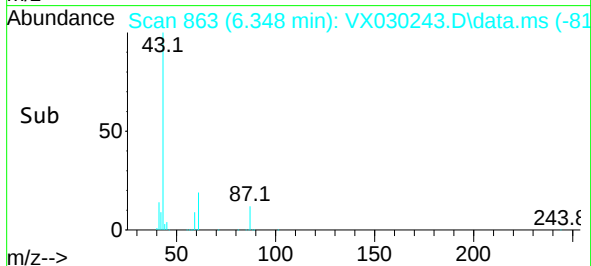
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 36211
Ion Ratio Lower Upper
43 100
61 19.0 16.5 24.7
87 12.3 11.1 16.7

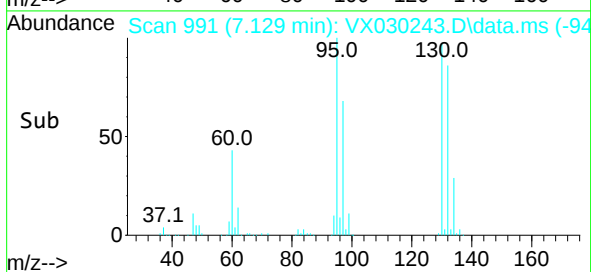
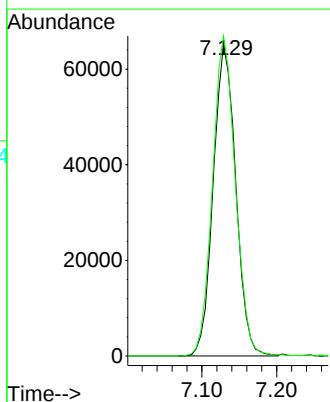
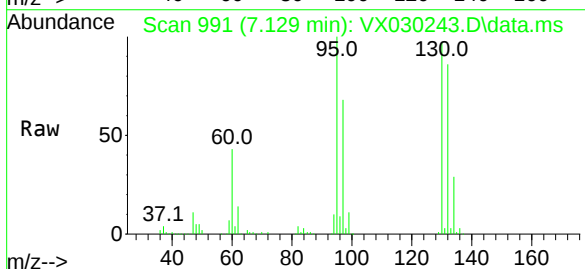
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#44
Trichloroethene
Concen: 48.948 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

Tgt Ion:130 Resp: 136293
Ion Ratio Lower Upper
130 100
95 102.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 51.795 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14077

Ion Ratio Lower Upper

63 100

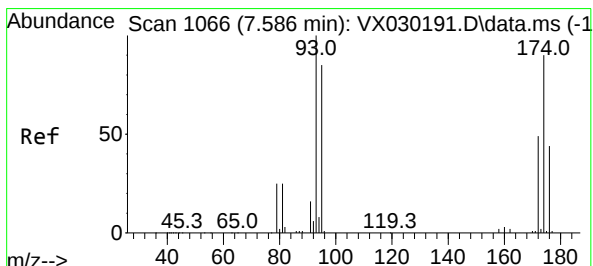
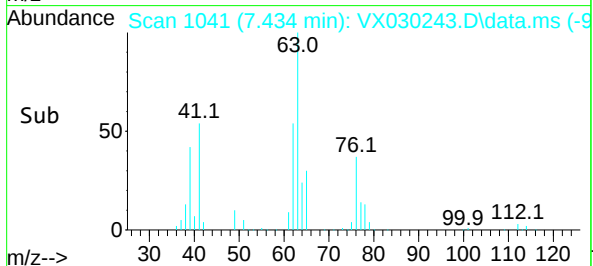
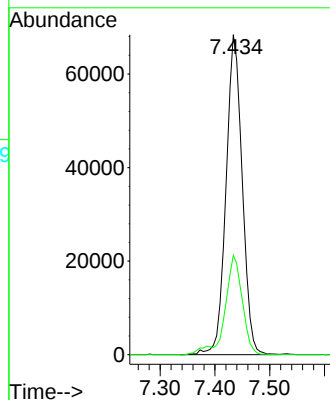
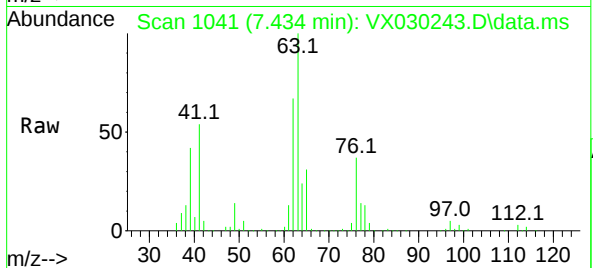
65 31.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#46

Dibromomethane

Concen: 49.621 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

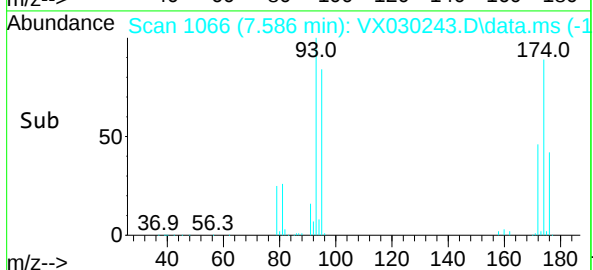
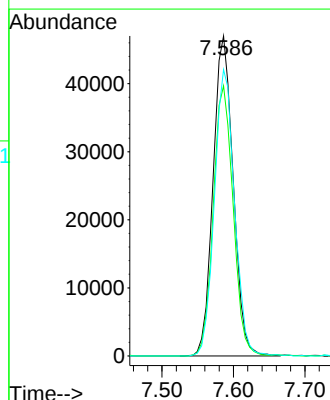
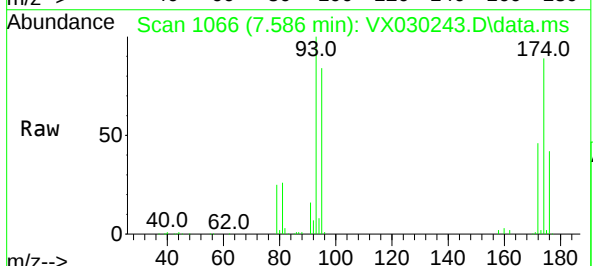
Tgt Ion: 93 Resp: 91714

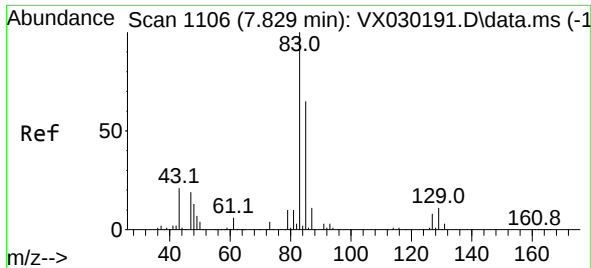
Ion Ratio Lower Upper

93 100

95 83.4 67.4 101.0

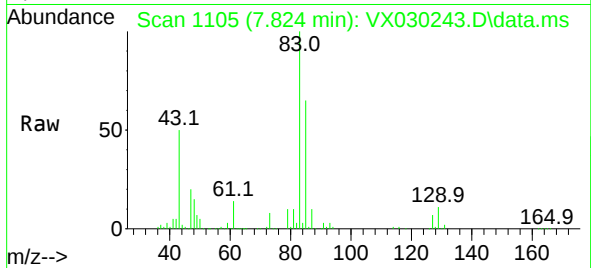
174 89.6 75.6 113.4





#47
Bromodichloromethane
Concen: 51.593 ug/l
RT: 7.824 min Scan# 1106
Delta R.T. -0.005 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

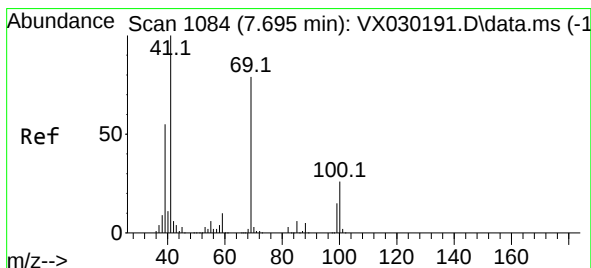
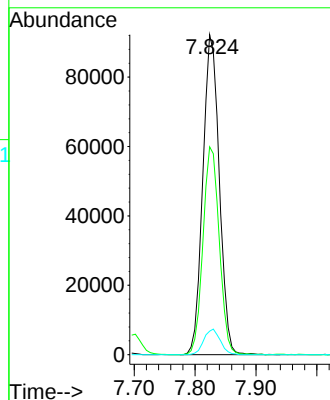
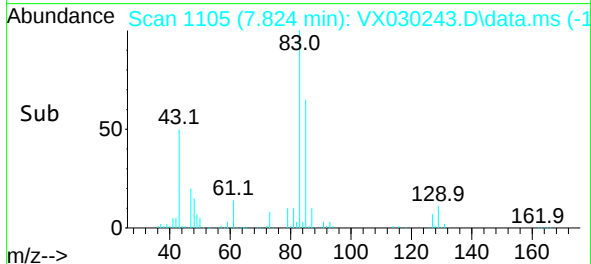
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 17335
Ion Ratio Lower Upper
83 100
85 64.9 53.5 80.3
127 7.3 6.6 10.0

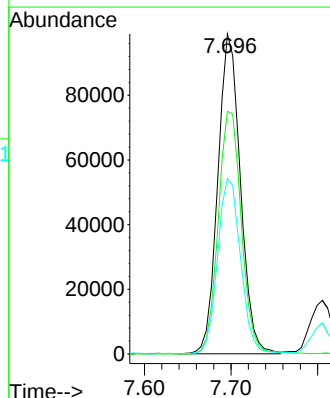
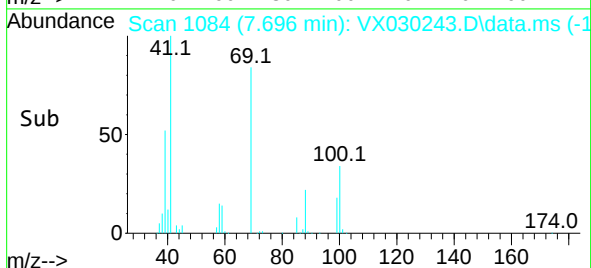
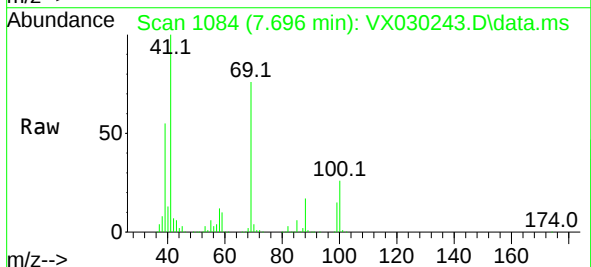
Manual Integrations
APPROVED

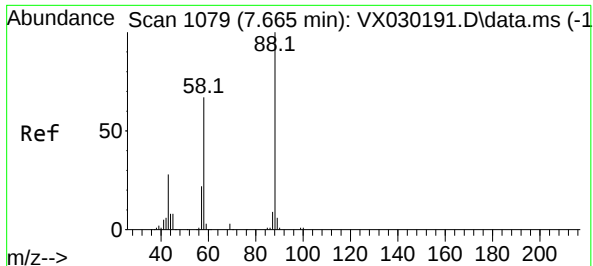
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#48
Methyl methacrylate
Concen: 54.117 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

Tgt Ion: 41 Resp: 179094
Ion Ratio Lower Upper
41 100
69 78.1 68.8 103.2
39 56.1 44.6 66.8





#49

1,4-Dioxane

Concen: 1006.928 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. 0.013 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

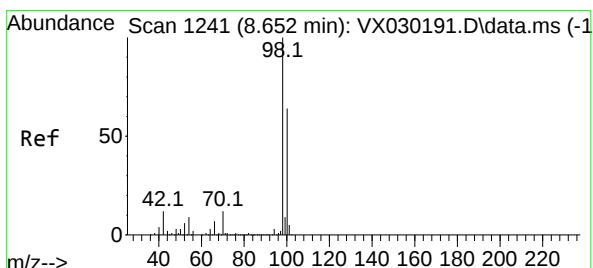
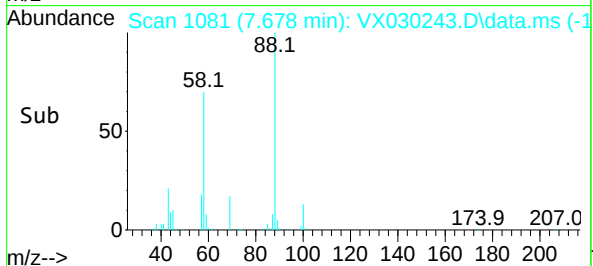
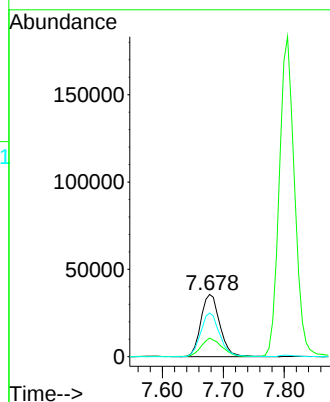
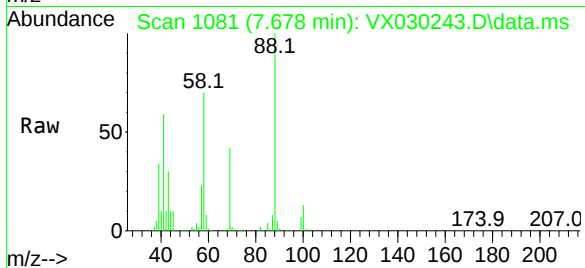
Tgt Ion:	88	Resp:	7696
Ion Ratio	Lower	Upper	
88	100		
43	31.8	23.8	35.8
58	70.3	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#50

Toluene-d8

Concen: 49.942 ug/l

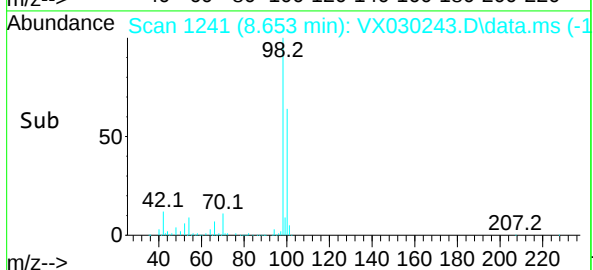
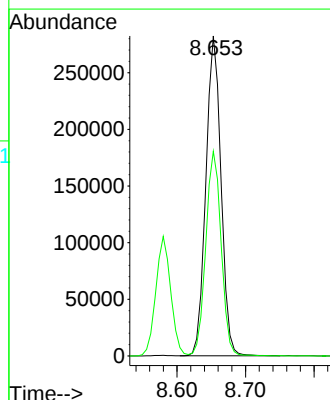
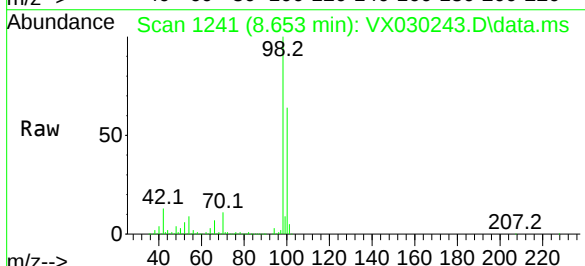
RT: 8.653 min Scan# 1241

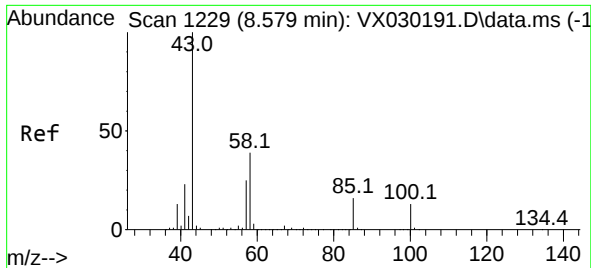
Delta R.T. 0.001 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

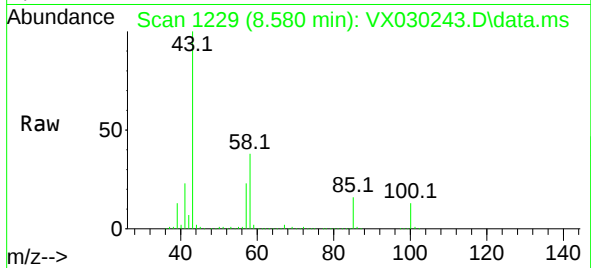
Tgt Ion:	98	Resp:	435273
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 273.581 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

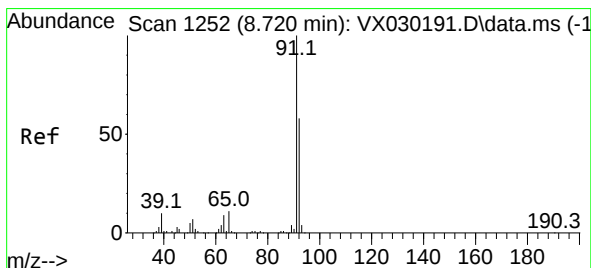
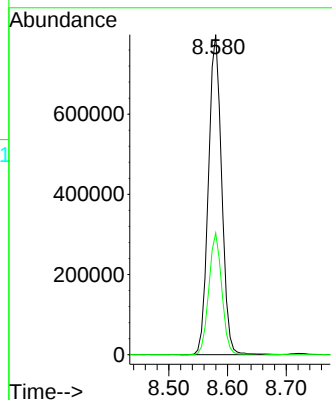
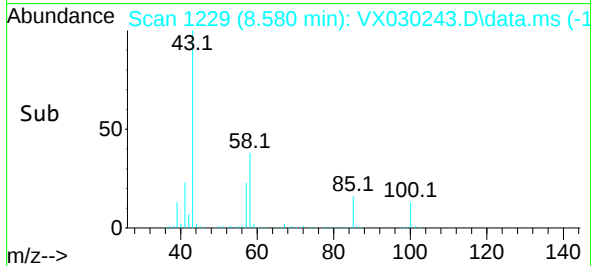
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



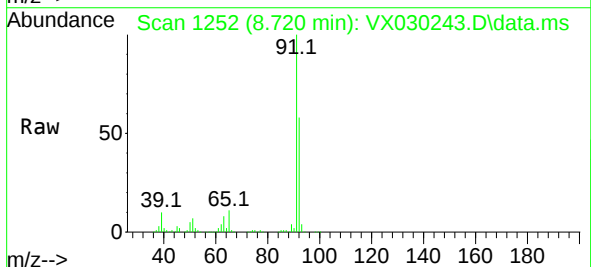
Tgt Ion: 43 Resp: 1248779
Ion Ratio Lower Upper
43 100
58 37.1 31.4 47.2

Manual Integrations
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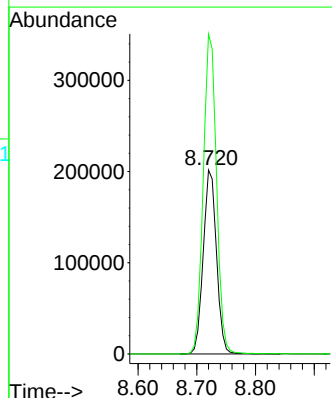
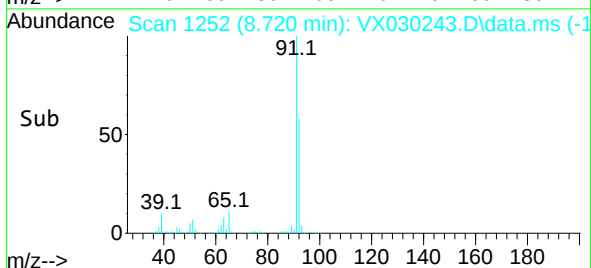
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

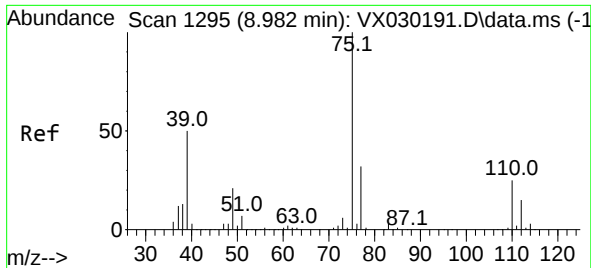


#52
Toluene
Concen: 50.746 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



Tgt Ion: 92 Resp: 315494
Ion Ratio Lower Upper
92 100
91 174.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 50.331 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 182290

Ion Ratio Lower Upper

75 100

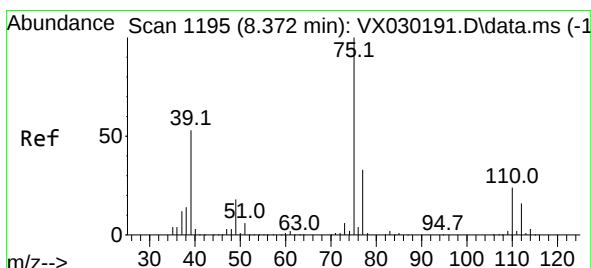
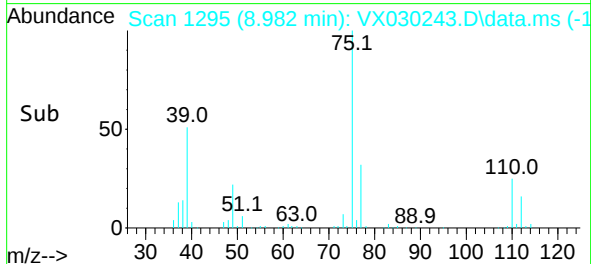
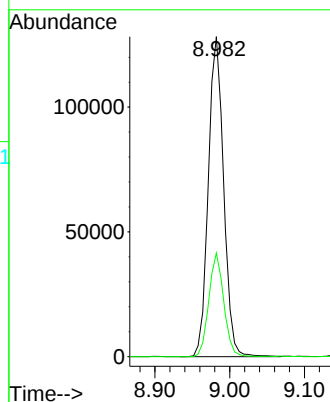
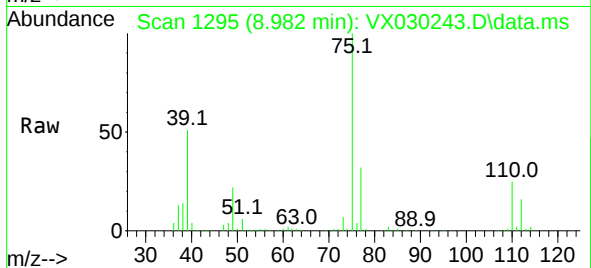
77 32.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#54

cis-1,3-Dichloropropene

Concen: 51.980 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.001 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

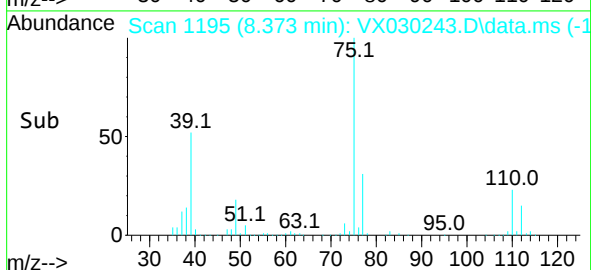
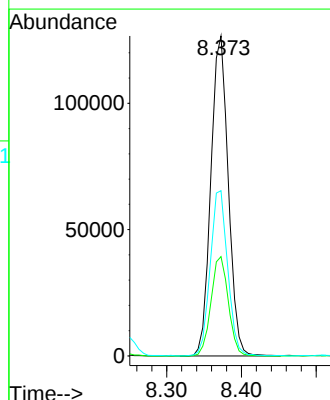
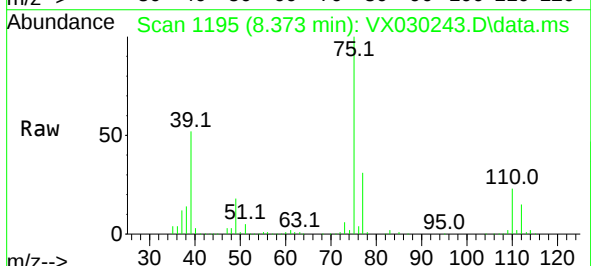
Tgt Ion: 75 Resp: 205163

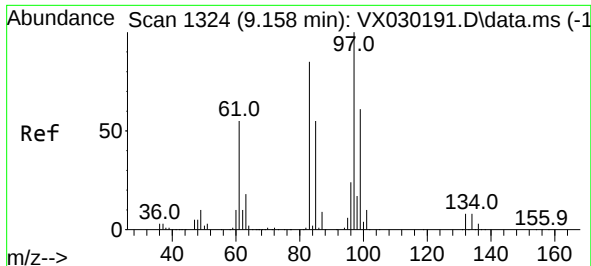
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 51.6 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 50.194 ug/l

RT: 9.153 min Scan# 1324

Delta R.T. -0.005 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 13286

Ion Ratio Lower Upper

97 100

83 93.6 68.9 103.3

85 56.3 44.0 66.0

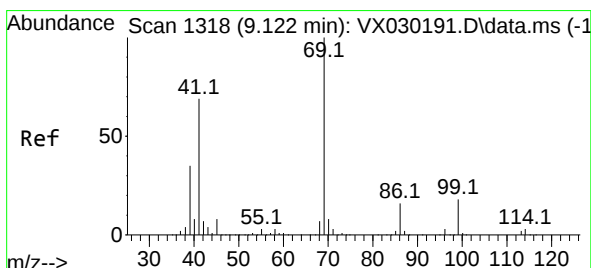
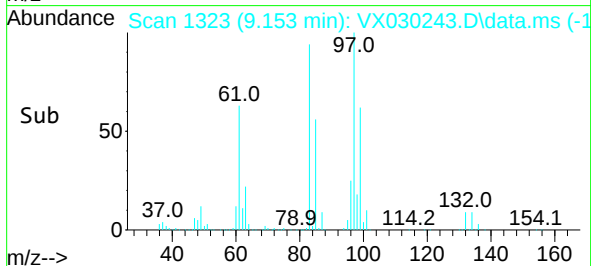
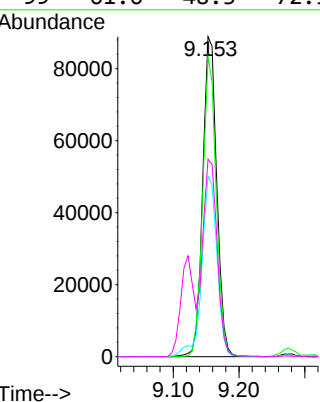
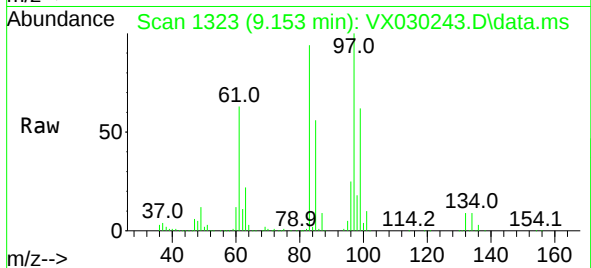
99 61.6 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#56

Ethyl methacrylate

Concen: 53.659 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

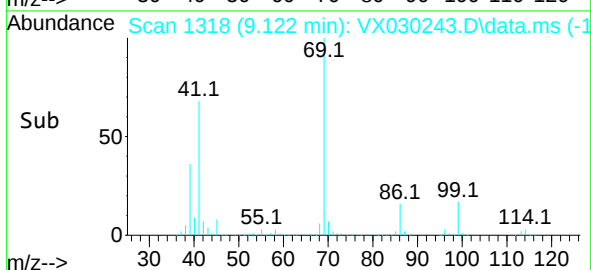
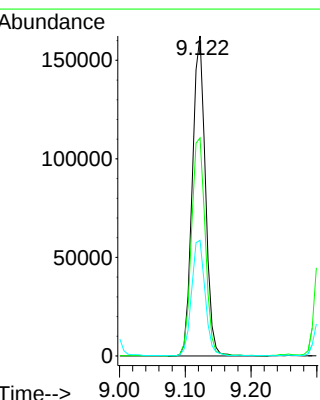
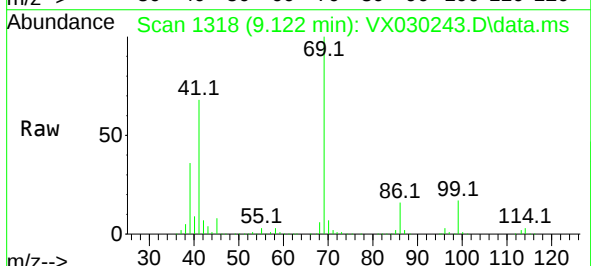
Tgt Ion: 69 Resp: 224540

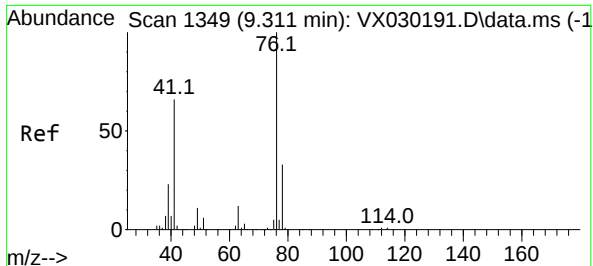
Ion Ratio Lower Upper

69 100

41 71.6 52.3 78.5

39 37.6 28.2 42.4





#57

1,3-Dichloropropane

Concen: 51.576 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 225362

Ion Ratio Lower Upper

76 100

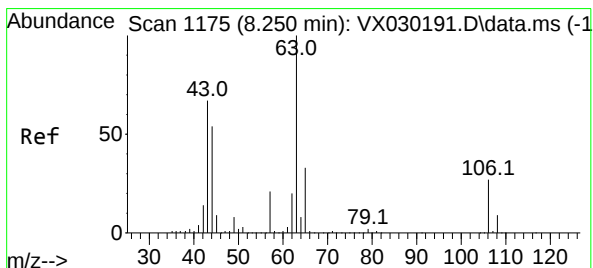
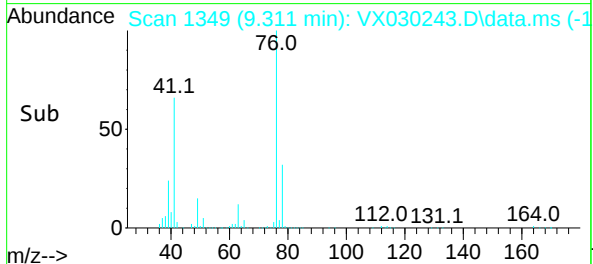
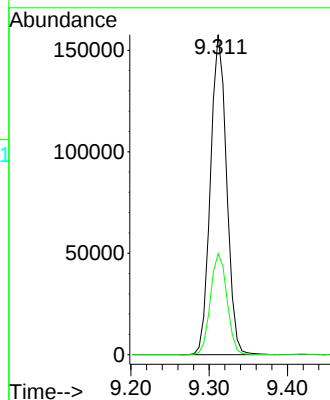
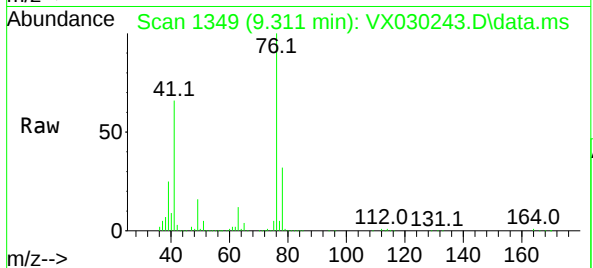
78 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 281.984 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030243.D

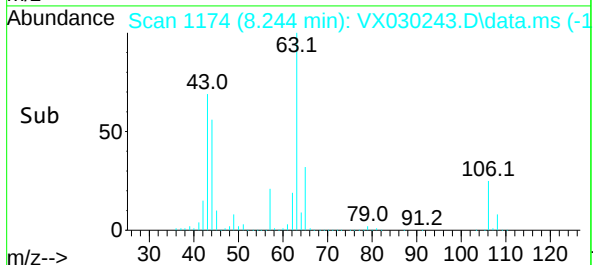
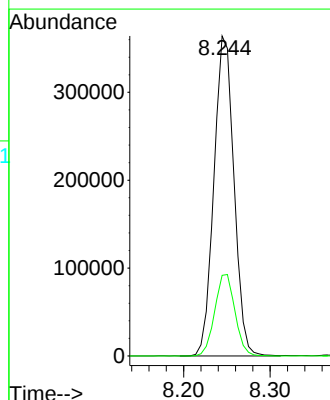
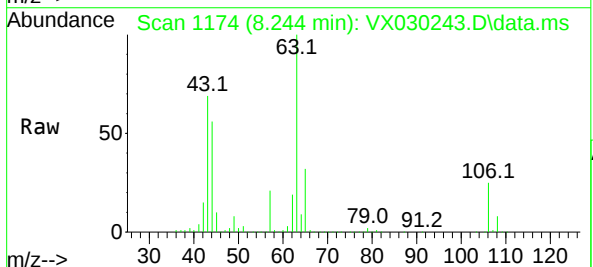
Acq: 27 Jul 2022 19:46

Tgt Ion: 63 Resp: 585623

Ion Ratio Lower Upper

63 100

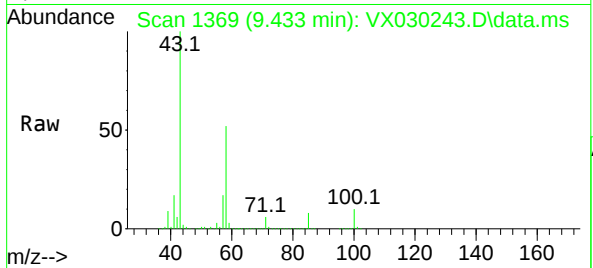
106 25.7 22.2 33.2





#59
2-Hexanone
Concen: 271.242 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

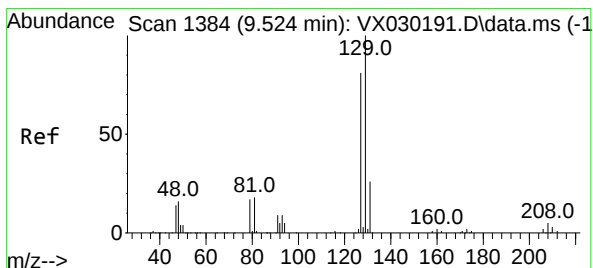
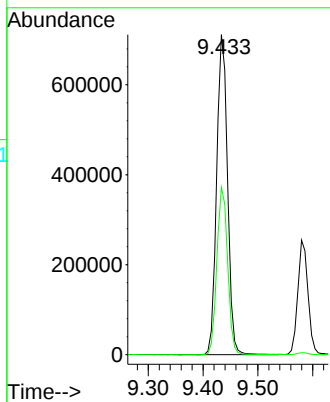
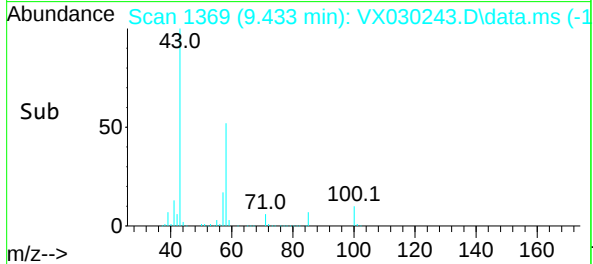
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 976792
Ion Ratio Lower Upper
43 100
58 51.9 27.6 82.8

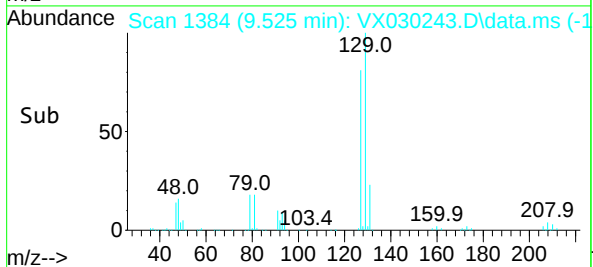
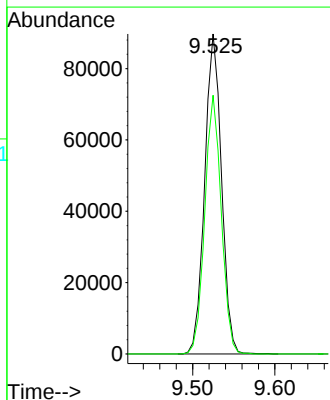
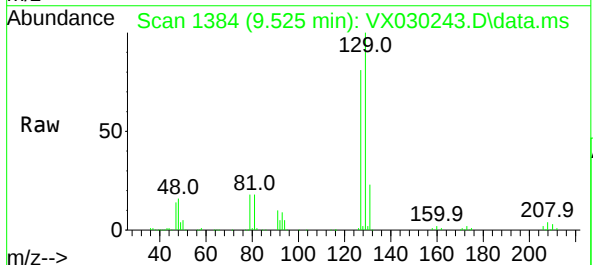
Manual Integrations
APPROVED

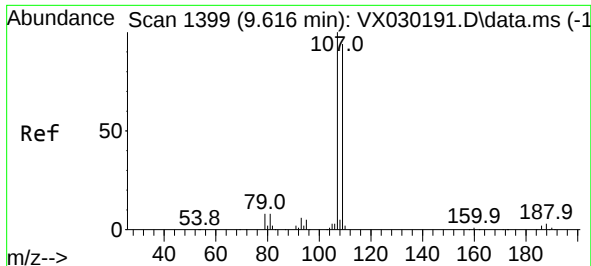
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#60
Dibromochloromethane
Concen: 51.999 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

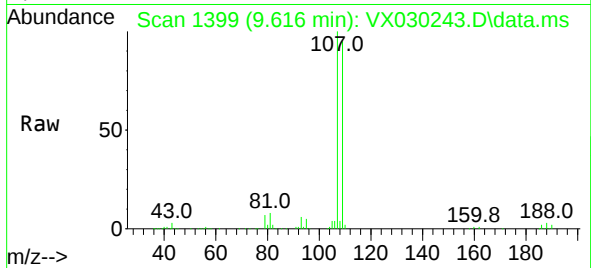
Tgt Ion:129 Resp: 127418
Ion Ratio Lower Upper
129 100
127 79.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 50.492 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

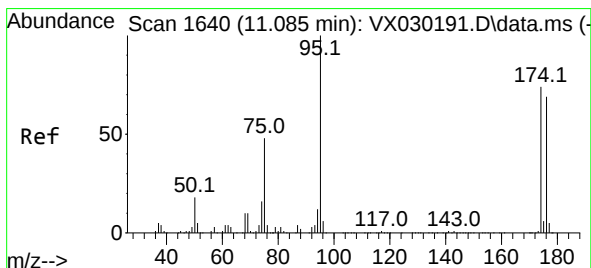
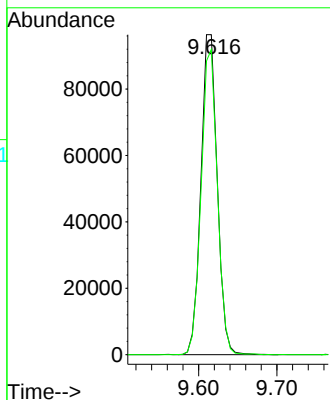
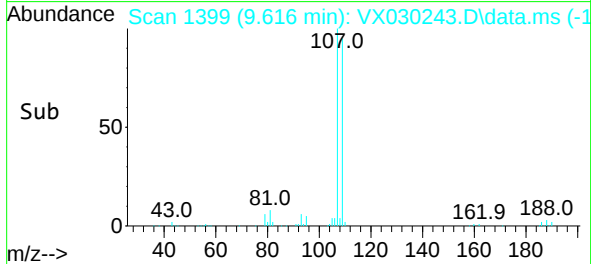
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



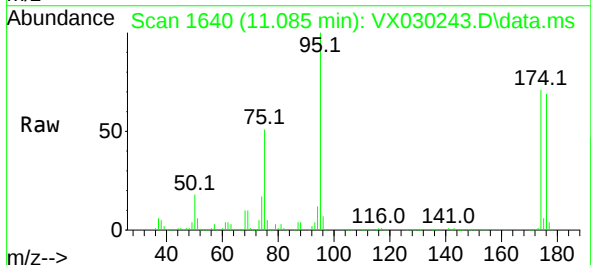
Tgt Ion:107 Resp: 139560
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

Manual Integrations
APPROVED

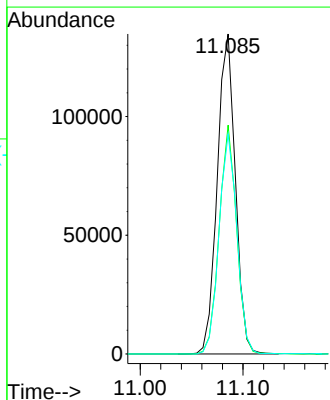
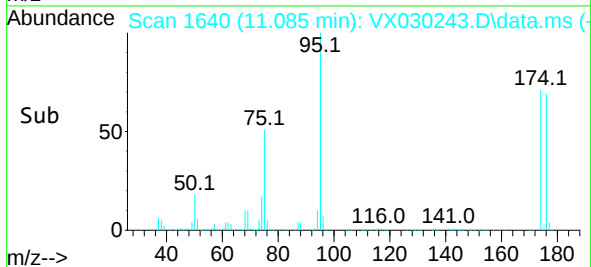
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

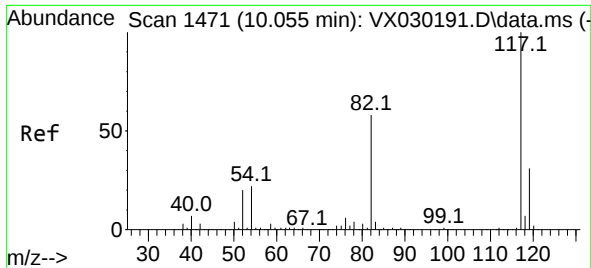


#62
4-Bromofluorobenzene
Concen: 50.842 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



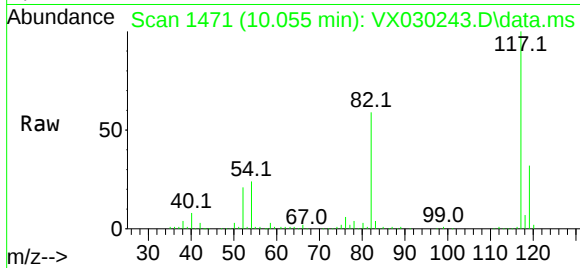
Tgt Ion: 95 Resp: 164451
Ion Ratio Lower Upper
95 100
174 68.6 0.0 149.0
176 68.0 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

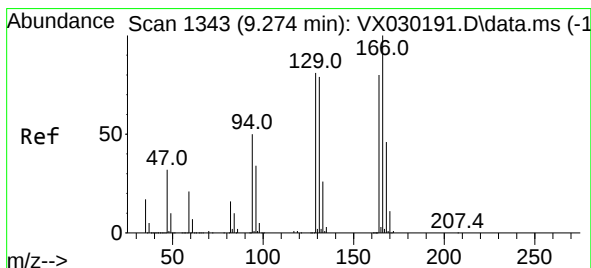
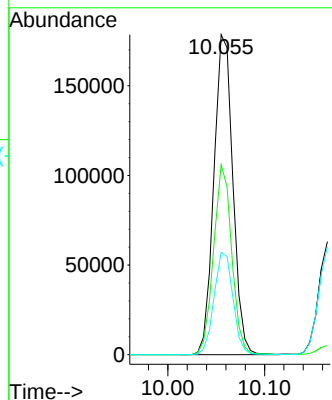
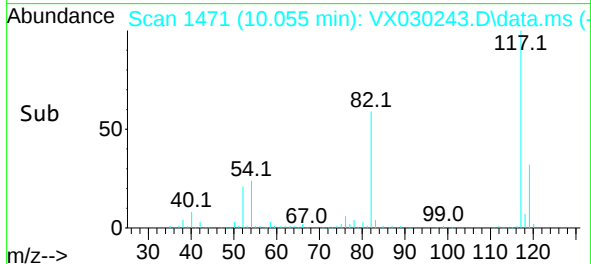
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 243479
Ion Ratio Lower Upper
117 100
82 59.3 42.7 64.1
119 32.0 25.4 38.2

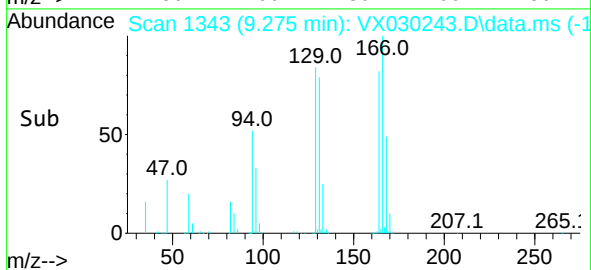
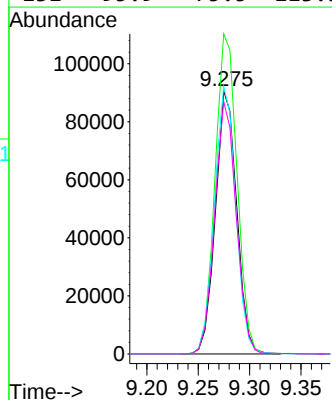
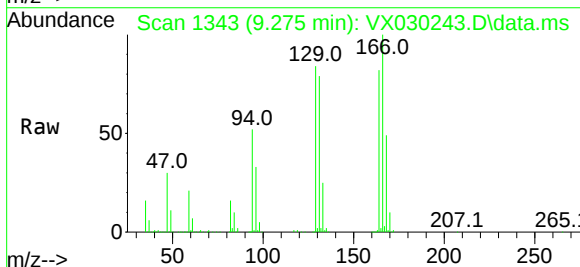
Manual Integrations
APPROVED

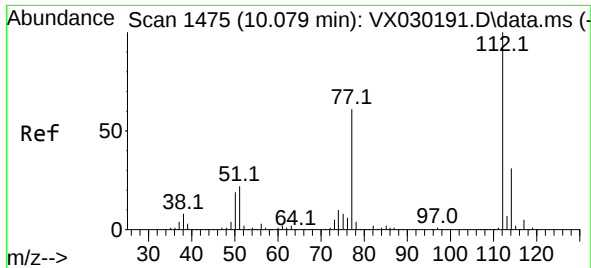
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#64
Tetrachloroethene
Concen: 49.664 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

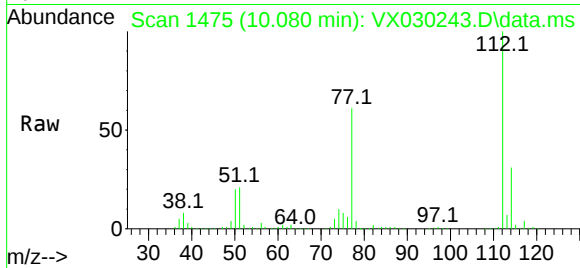
Tgt Ion:164 Resp: 130181
Ion Ratio Lower Upper
164 100
166 121.7 98.2 147.4
129 101.8 80.8 121.2
131 95.9 75.5 113.3





#65
Chlorobenzene
Concen: 50.146 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

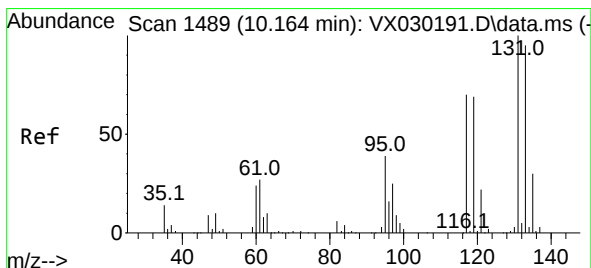
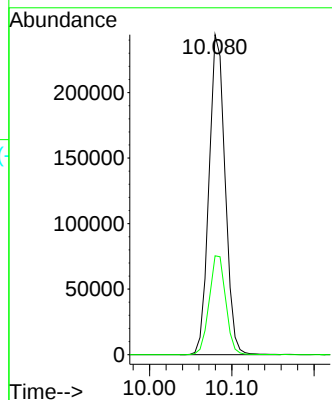
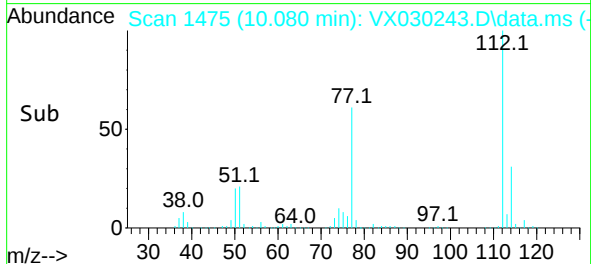
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



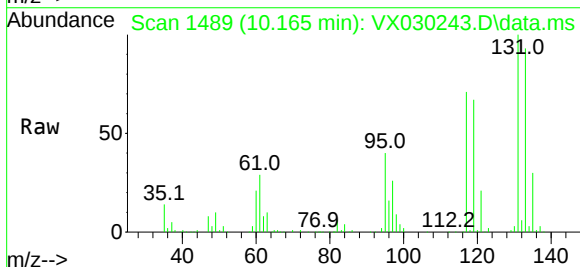
Tgt Ion:112 Resp: 331658
Ion Ratio Lower Upper
112 100
114 30.9 24.6 36.8

Manual Integrations
APPROVED

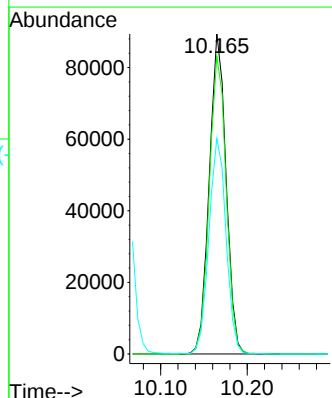
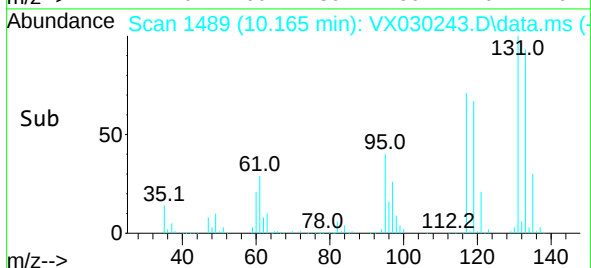
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

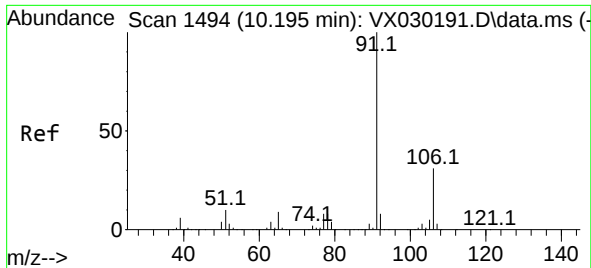


#66
1,1,1,2-Tetrachloroethane
Concen: 53.580 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



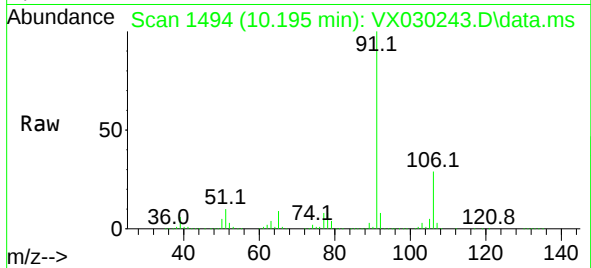
Tgt Ion:131 Resp: 120466
Ion Ratio Lower Upper
131 100
133 93.3 46.9 140.8
119 68.7 34.4 103.1





#67
Ethyl Benzene
Concen: 49.026 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

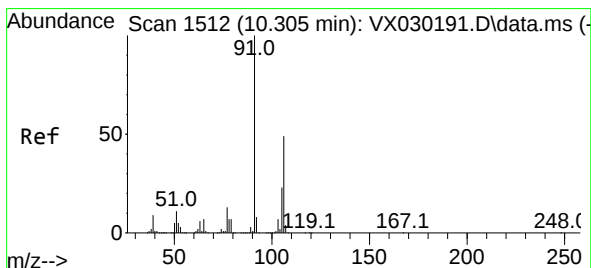
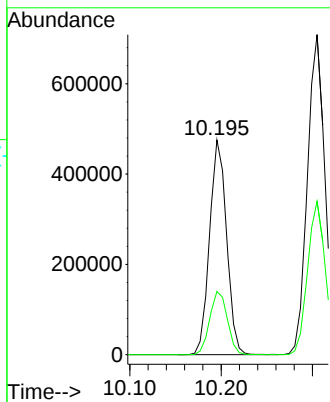
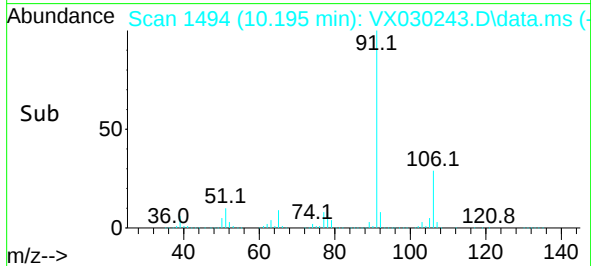
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 61396
Ion Ratio Lower Upper
91 100
106 29.4 25.5 38.3

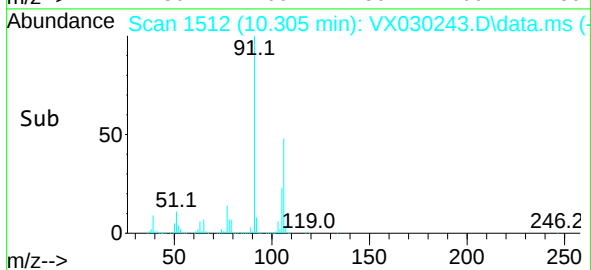
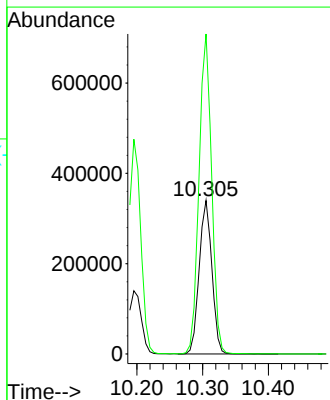
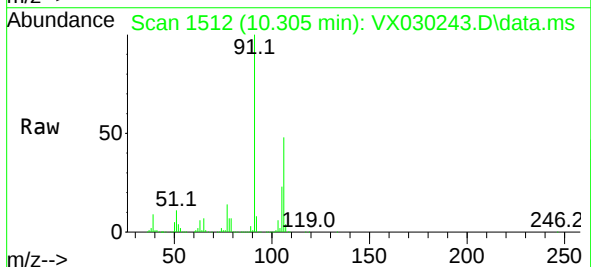
Manual Integrations
APPROVED

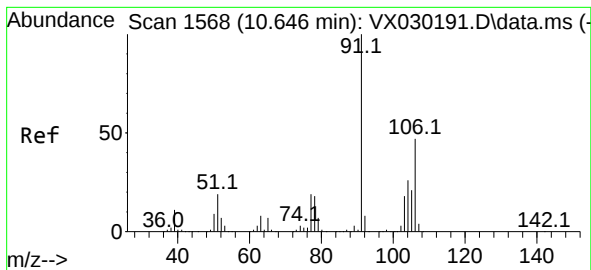
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#68
m/p-Xylenes
Concen: 102.027 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

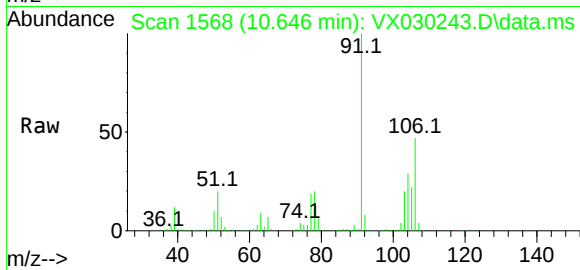
Tgt Ion:106 Resp: 457128
Ion Ratio Lower Upper
106 100
91 206.9 158.2 237.4





#69
o-Xylene
Concen: 52.238 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

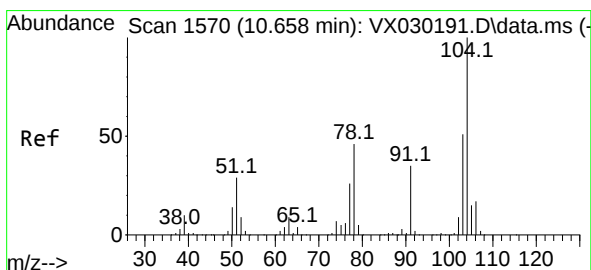
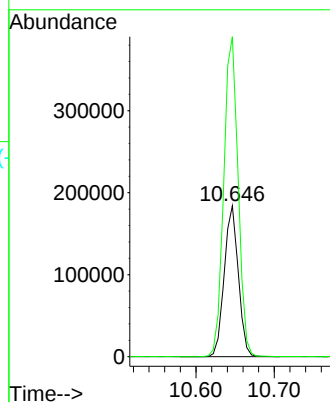
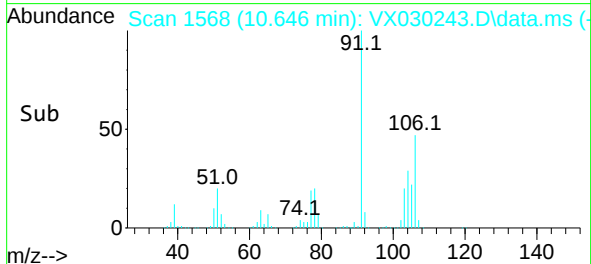
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 230679
Ion Ratio Lower Upper
106 100
91 215.9 103.8 311.6

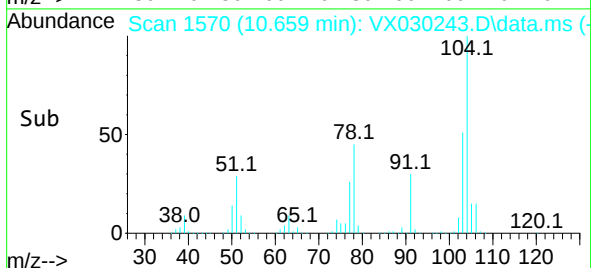
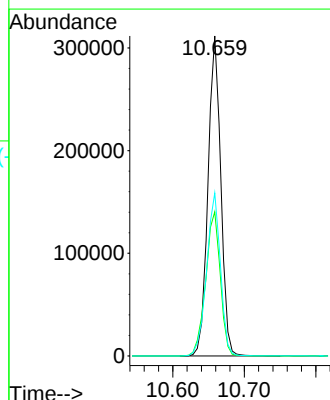
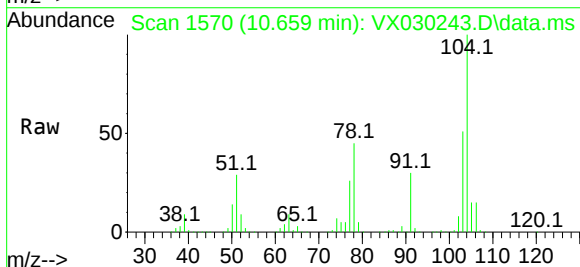
Manual Integrations
APPROVED

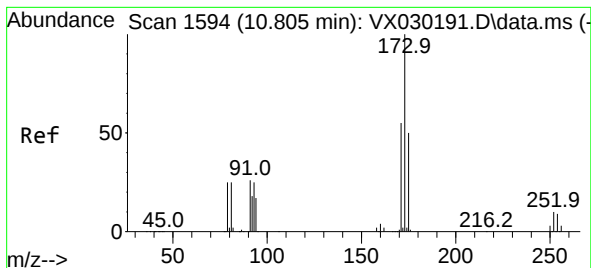
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#70
Styrene
Concen: 53.550 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

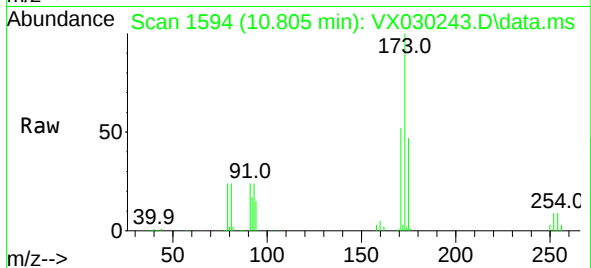
Tgt Ion:104 Resp: 388505
Ion Ratio Lower Upper
104 100
78 51.4 37.8 56.8
103 55.2 44.5 66.7





#71
Bromoform
Concen: 52.904 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

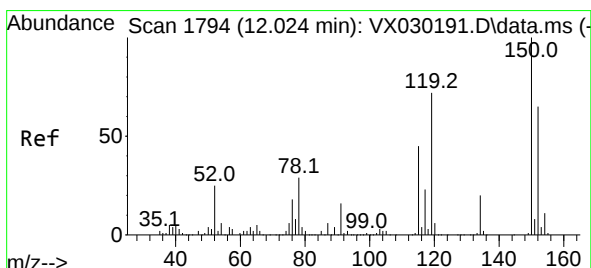
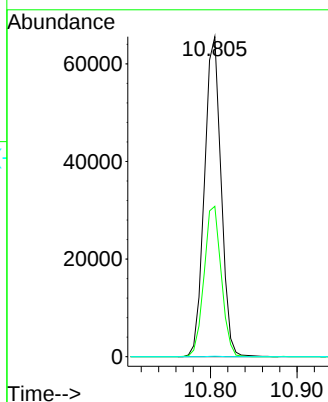
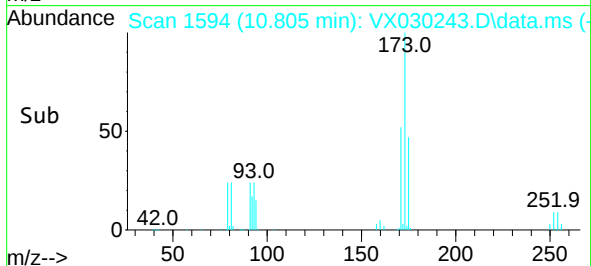
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 8744
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.2
254 0.1 0.1 0.1

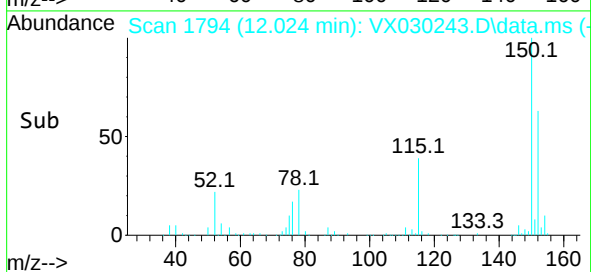
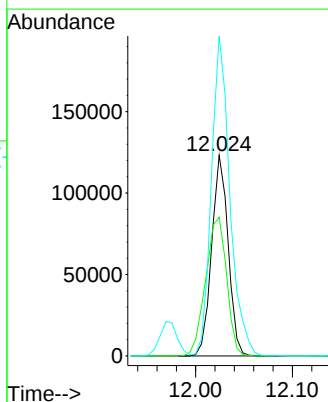
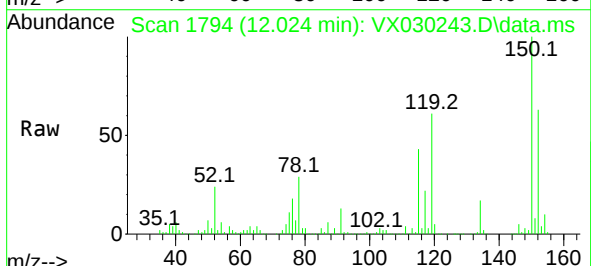
Manual Integrations
APPROVED

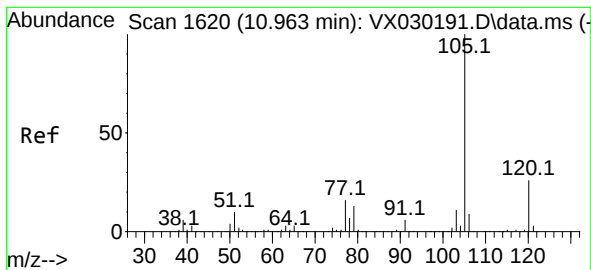
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

Tgt Ion:152 Resp: 146048
Ion Ratio Lower Upper
152 100
115 87.8 40.5 121.5
150 178.3 0.0 347.0





#73

Isopropylbenzene

Concen: 52.323 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 59656

Ion Ratio Lower Upper

105 100

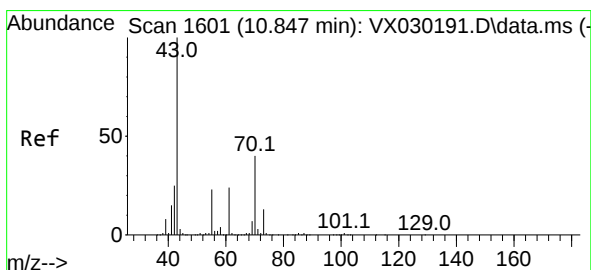
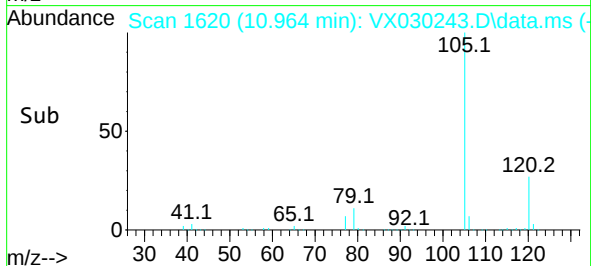
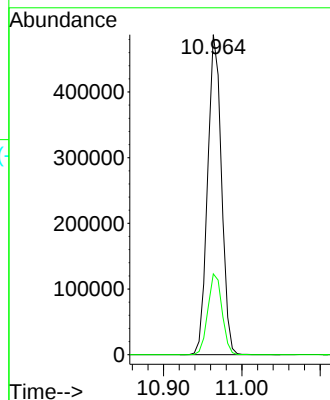
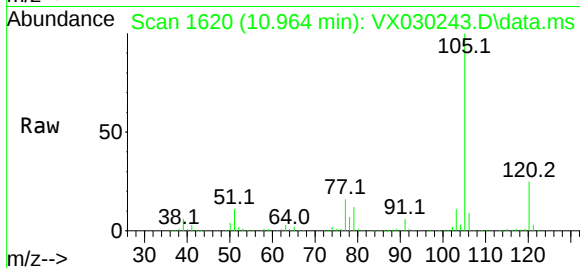
120 25.9 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#74

N-ethyl acetate

Concen: 55.605 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.001 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Tgt Ion: 43 Resp: 308123

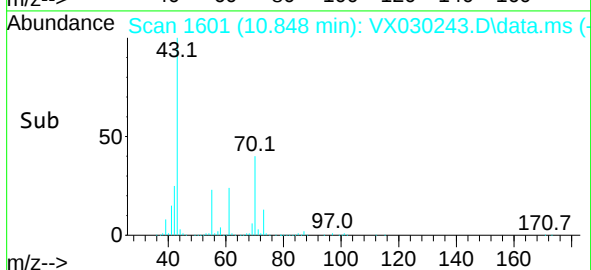
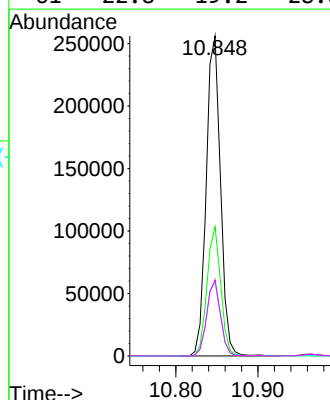
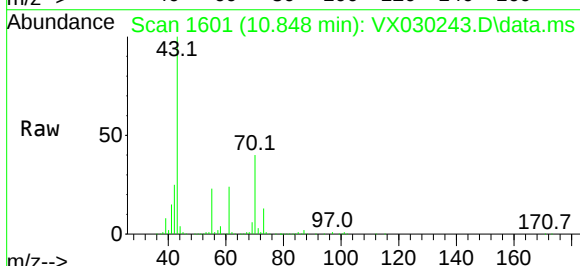
Ion Ratio Lower Upper

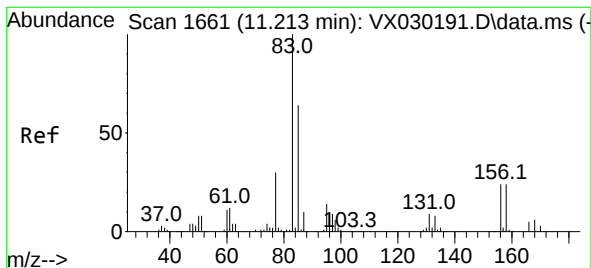
43 100

70 39.0 32.3 48.5

55 22.8 18.4 27.6

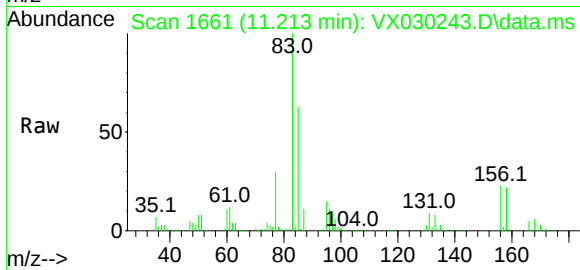
61 22.8 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.276 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

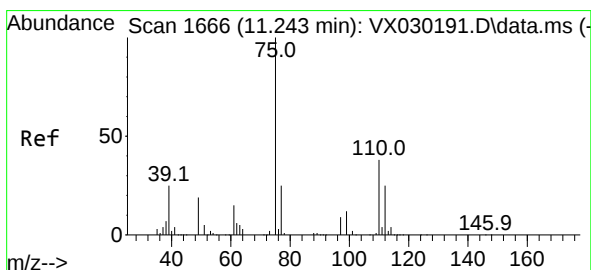
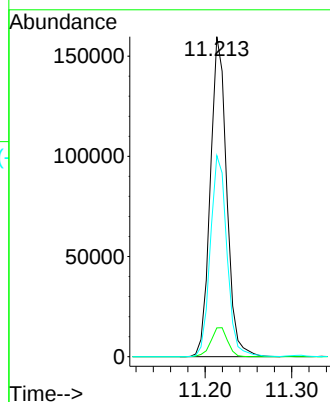
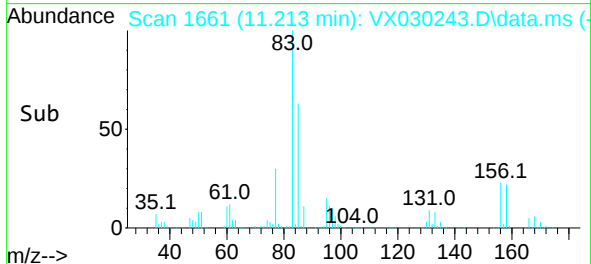
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



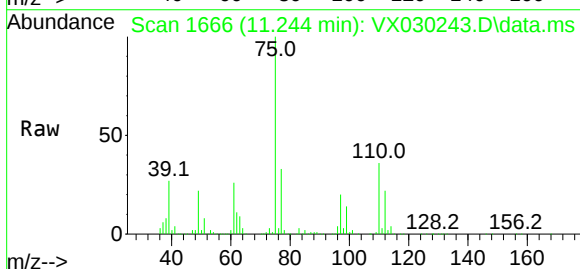
Tgt Ion: 83 Resp: 20981
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 63.8 32.5 97.5

Manual Integrations
APPROVED

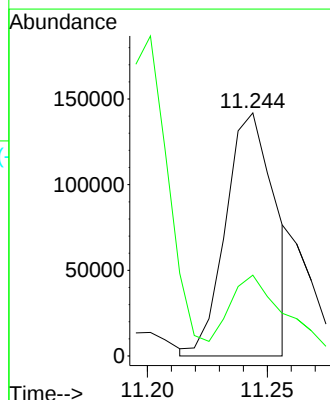
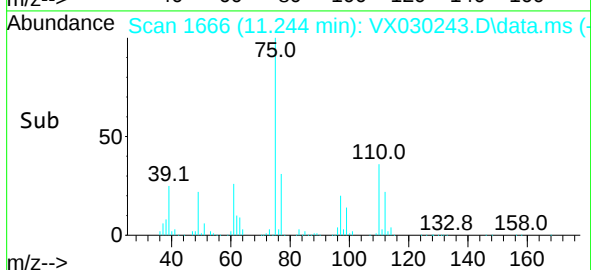
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

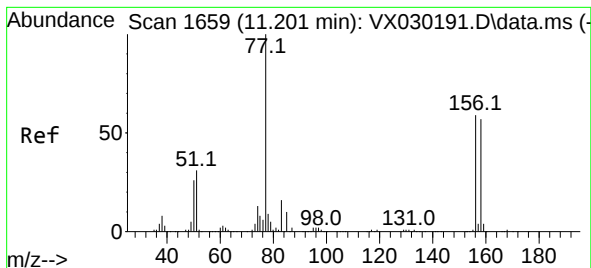


#76
1,2,3-Trichloropropane
Concen: 52.410 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



Tgt Ion: 75 Resp: 201766
Ion Ratio Lower Upper
75 100
77 38.5 19.8 59.3





#77

Bromobenzene

Concen: 50.646 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

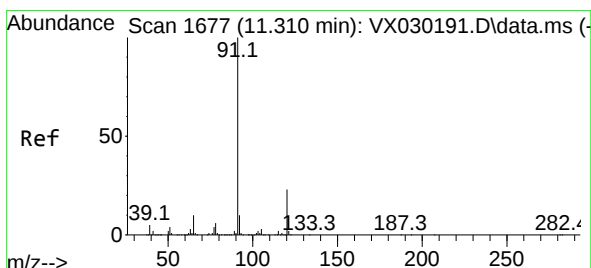
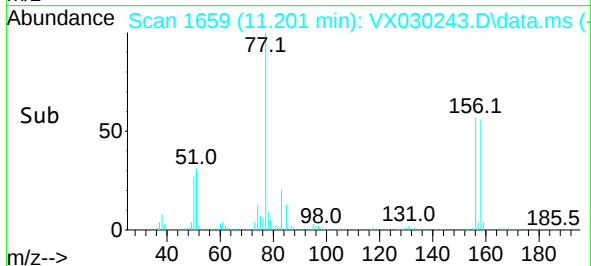
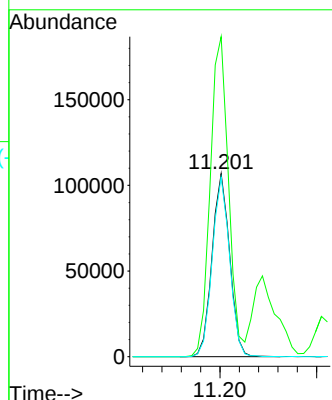
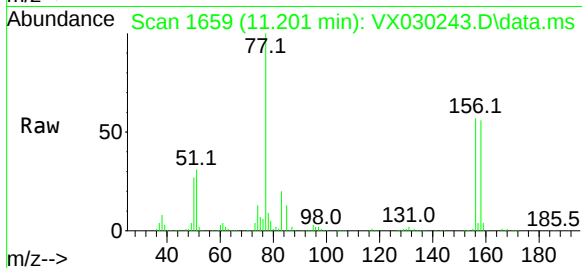
Tgt Ion:	156	Resp:	13553
Ion Ratio	Lower	Upper	
156	100		
77	181.4	82.7	247.9
158	96.4	47.5	142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#78

n-propylbenzene

Concen: 52.856 ug/l

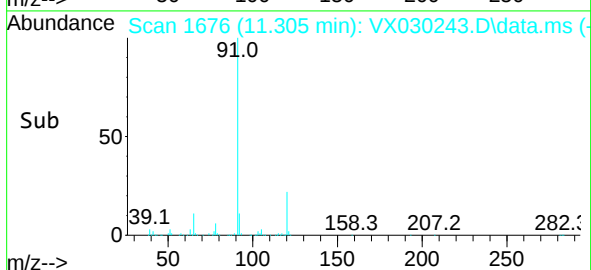
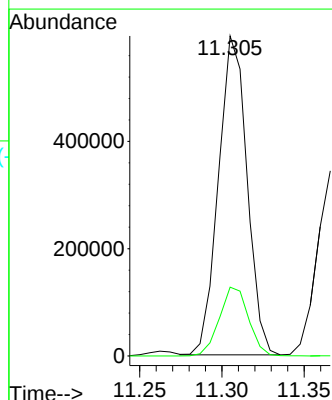
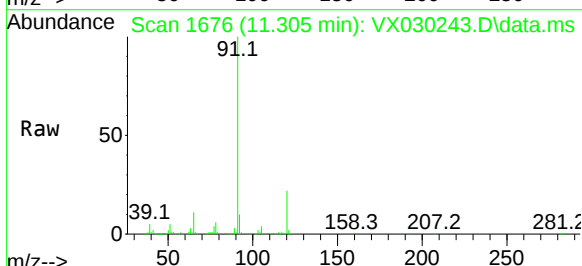
RT: 11.305 min Scan# 1676

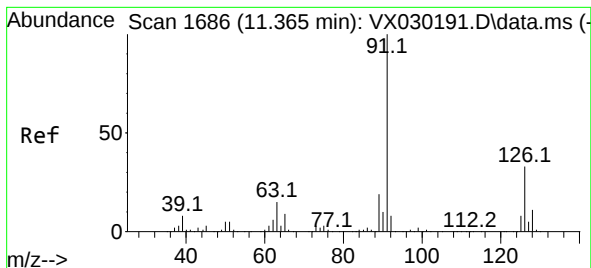
Delta R.T. -0.005 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

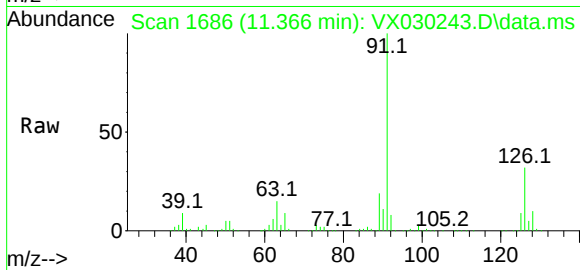
Tgt Ion:	91	Resp:	719267
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.6	34.8





#79
2-Chlorotoluene
Concen: 49.329 ug/l
RT: 11.366 min Scan# 11366
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

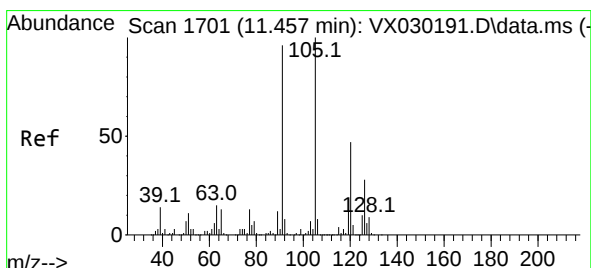
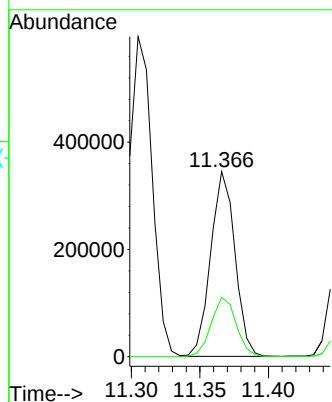
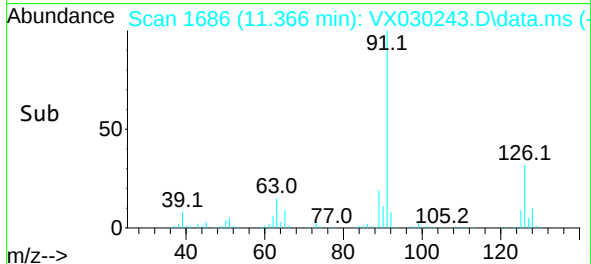
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



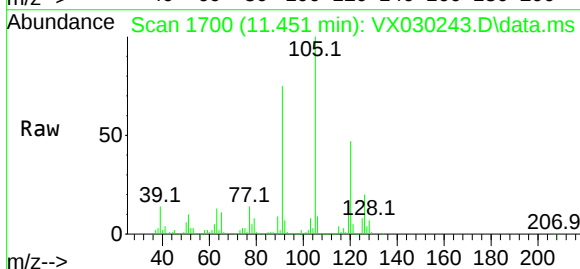
Tgt Ion: 91 Resp: 42390
Ion Ratio Lower Upper
91 100
126 33.1 17.4 52.3

Manual Integrations
APPROVED

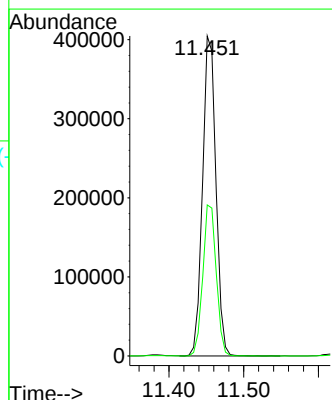
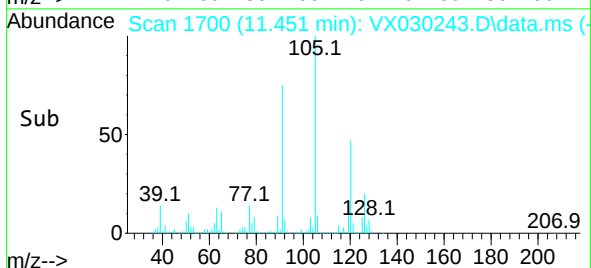
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

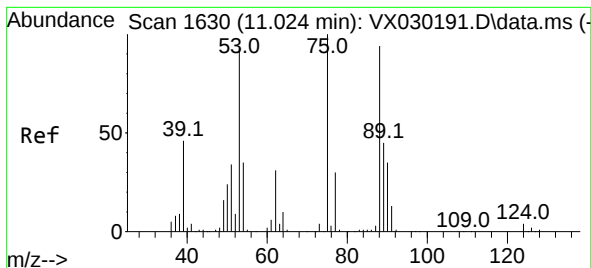


#80
1,3,5-Trimethylbenzene
Concen: 52.607 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



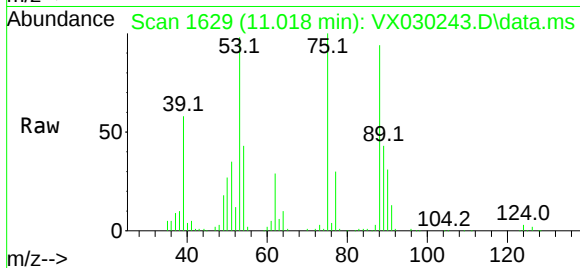
Tgt Ion:105 Resp: 502234
Ion Ratio Lower Upper
105 100
120 47.6 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 51.498 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

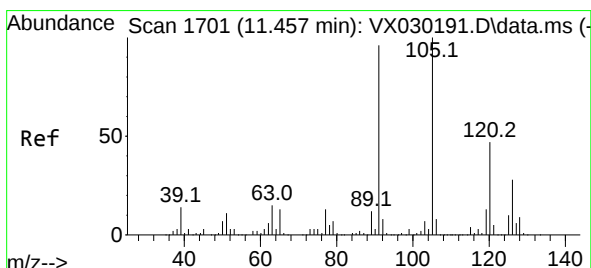
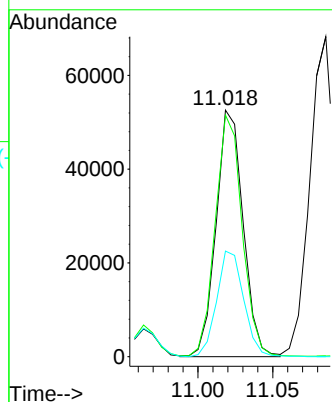
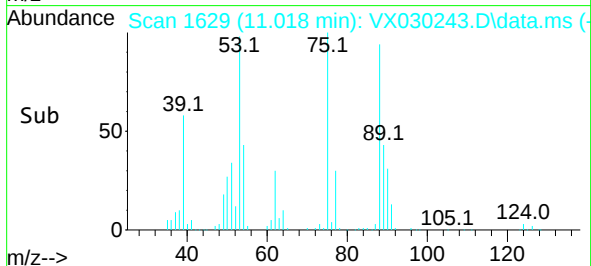
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 66080
Ion Ratio Lower Upper
75 100
53 97.2 74.2 111.4
89 42.8 34.8 52.2

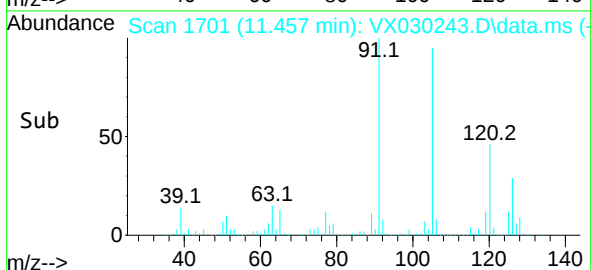
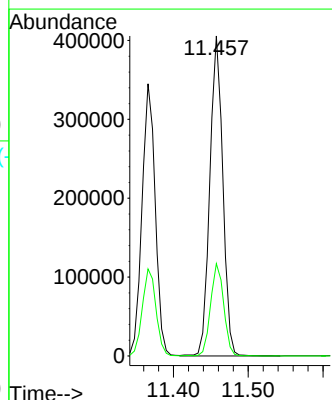
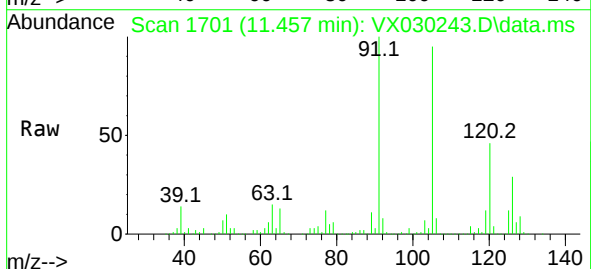
Manual Integrations
APPROVED

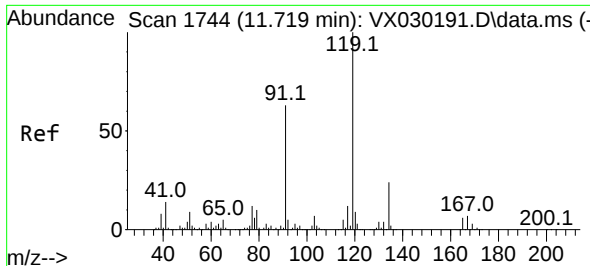
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#82
4-Chlorotoluene
Concen: 51.964 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

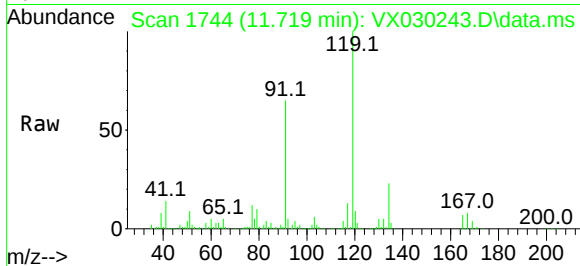
Tgt Ion: 91 Resp: 487887
Ion Ratio Lower Upper
91 100
126 29.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 52.237 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

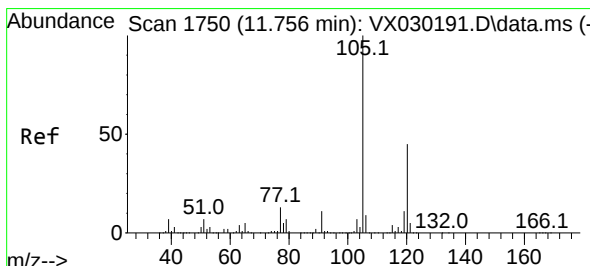
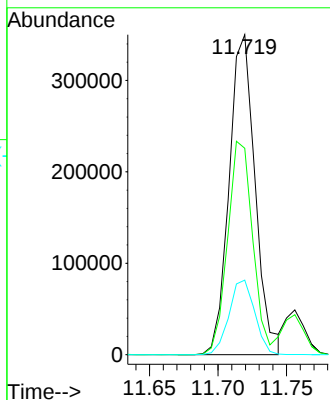
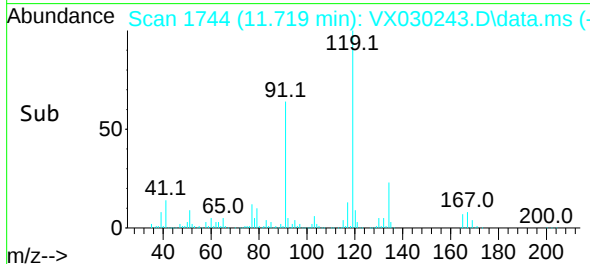
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



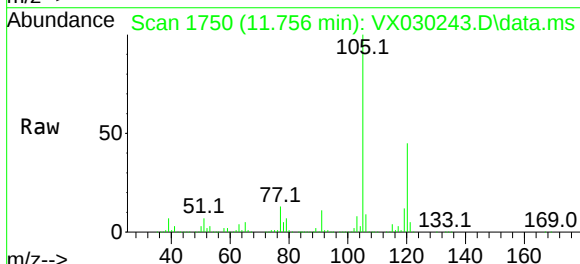
Tgt Ion:119 Resp: 462240
Ion Ratio Lower Upper
119 100
91 64.4 28.3 84.9
134 23.2 11.2 33.5

Manual Integrations
APPROVED

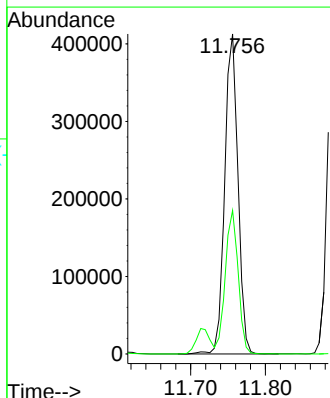
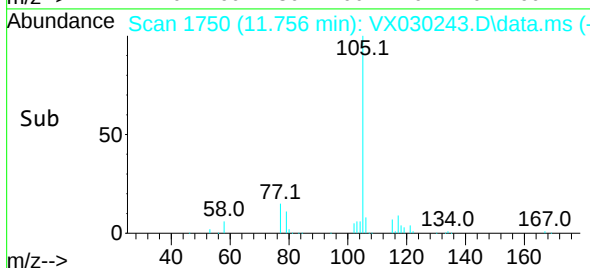
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

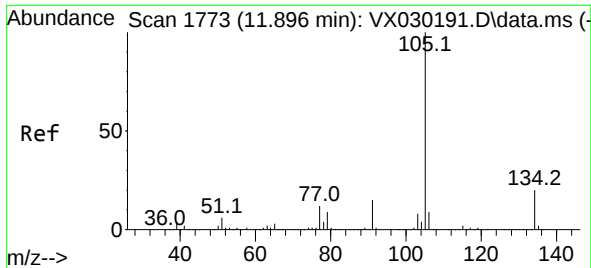


#84
1,2,4-Trimethylbenzene
Concen: 53.302 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



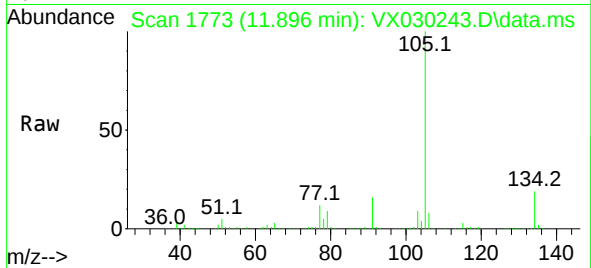
Tgt Ion:105 Resp: 507683
Ion Ratio Lower Upper
105 100
120 43.8 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 52.837 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX030243.D
 Acq: 27 Jul 2022 19:46

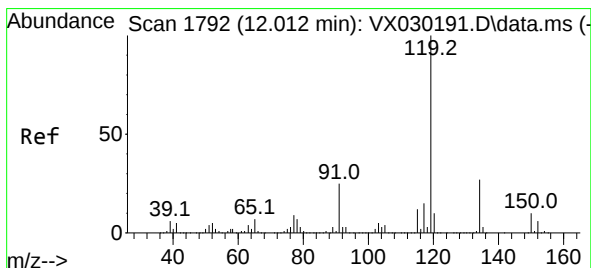
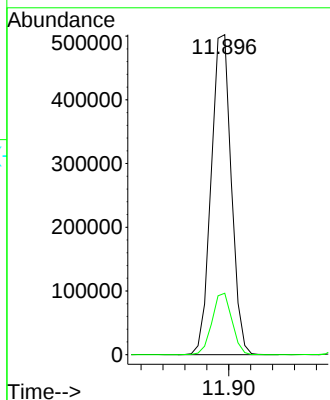
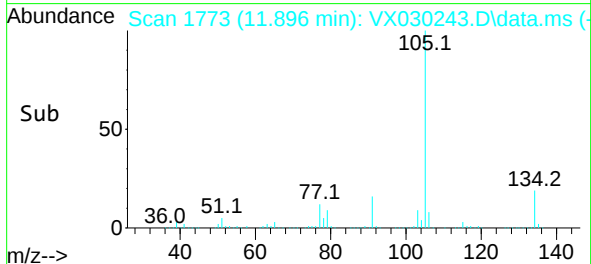
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



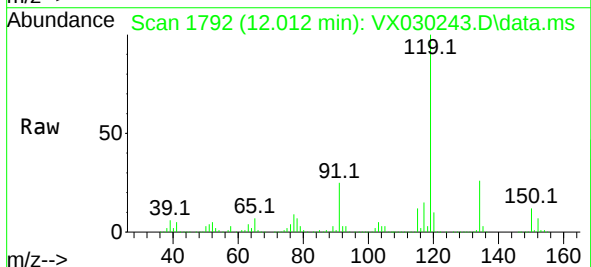
Tgt Ion:105 Resp: 63992
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.0 30.0

Manual Integrations
 APPROVED

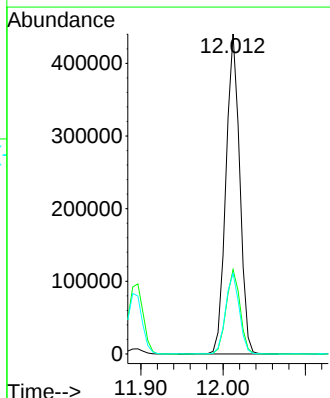
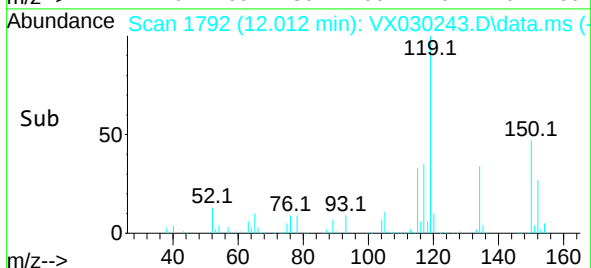
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

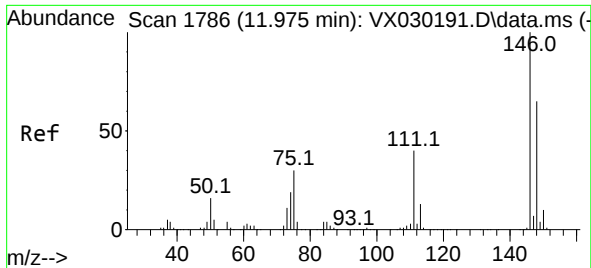


#86
 p-Isopropyltoluene
 Concen: 52.909 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030243.D
 Acq: 27 Jul 2022 19:46



Tgt Ion:119 Resp: 512672
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.9 41.6
 91 25.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 50.001 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 260227

Ion Ratio Lower Upper

146 100

111 41.8 20.3 60.8

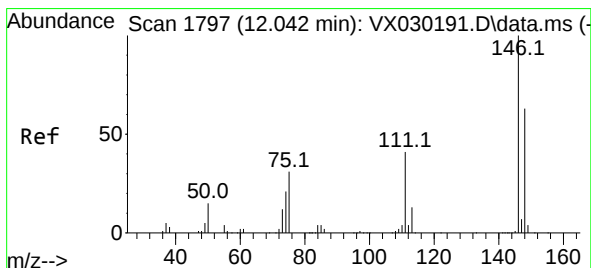
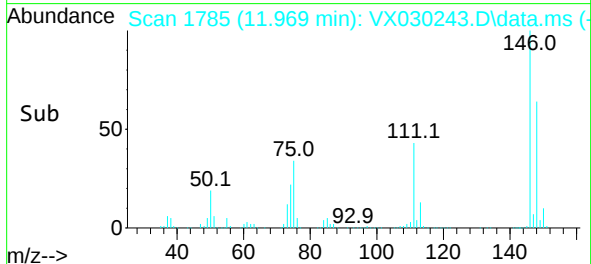
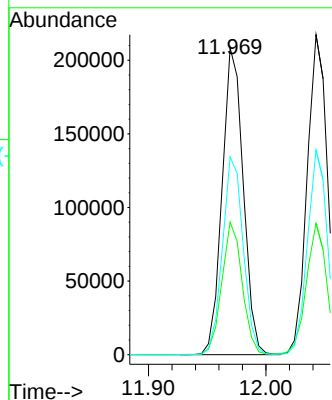
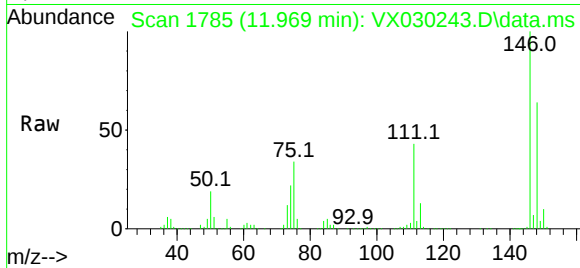
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#88

1,4-Dichlorobenzene

Concen: 49.504 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

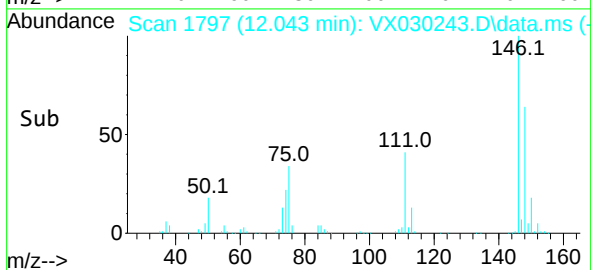
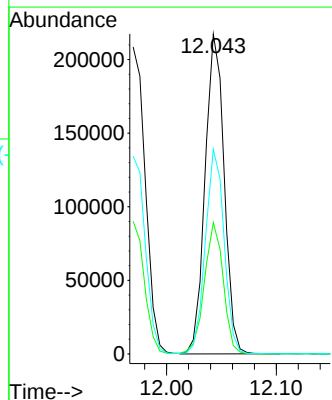
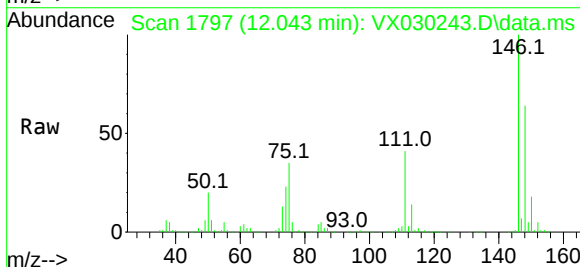
Tgt Ion:146 Resp: 262269

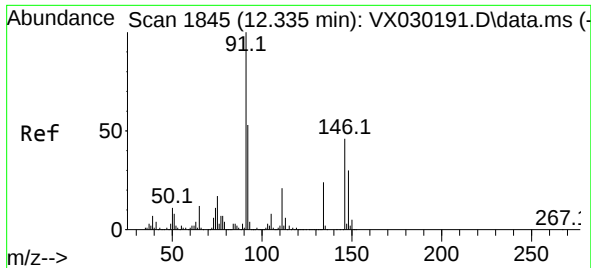
Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.9

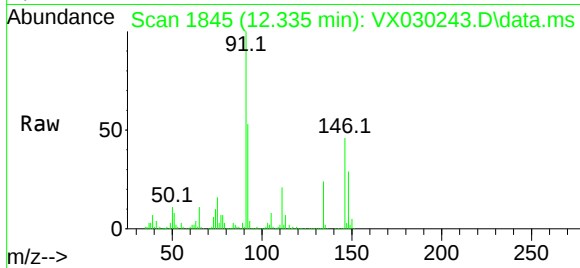
148 63.0 32.3 96.8





#89
n-Butylbenzene
Concen: 55.151 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

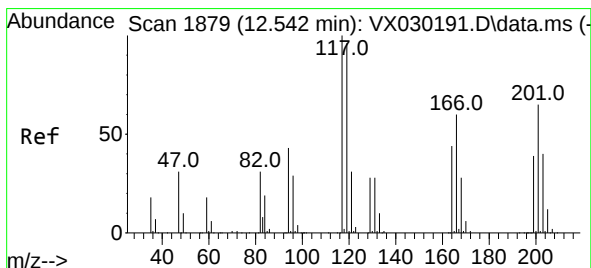
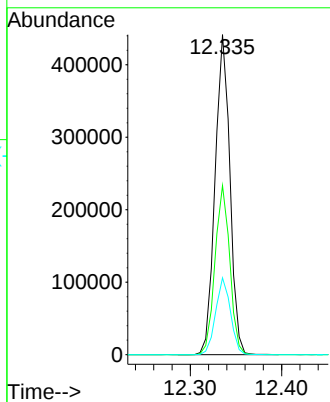
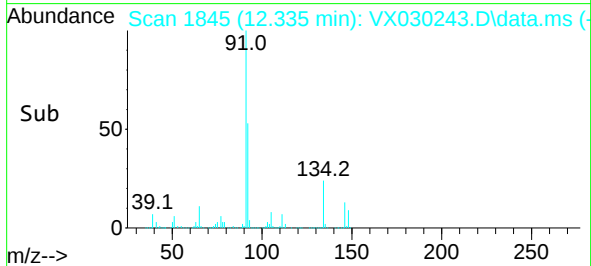
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 49753
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 24.1 12.6 37.8

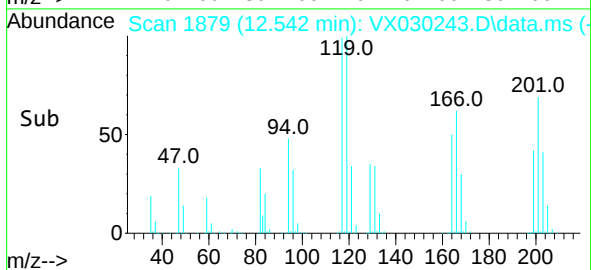
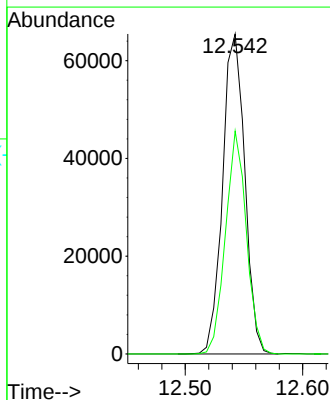
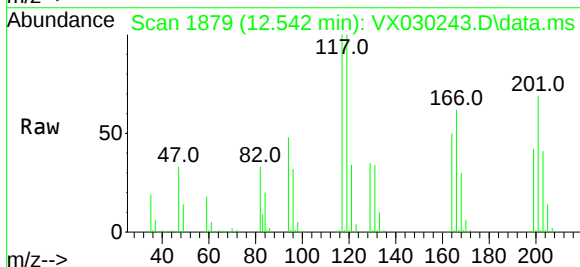
Manual Integrations
APPROVED

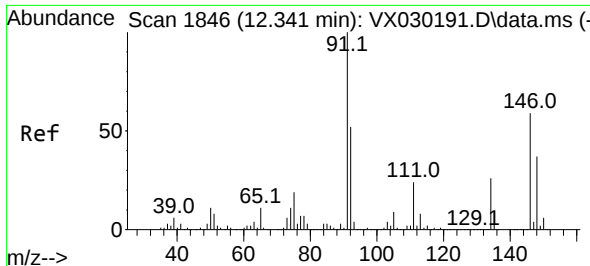
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#90
Hexachloroethane
Concen: 51.466 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

Tgt Ion:117 Resp: 85863
Ion Ratio Lower Upper
117 100
201 65.6 34.2 102.5





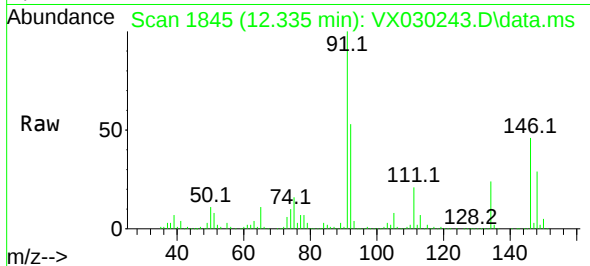
#91
1,2-Dichlorobenzene
Concen: 51.772 ug/l
RT: 12.335 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



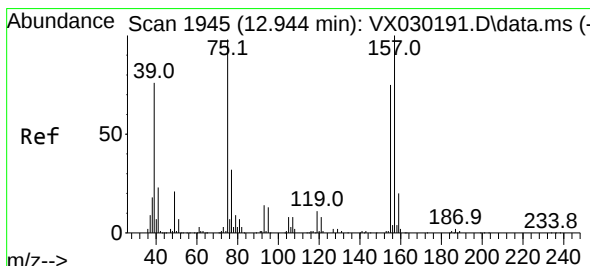
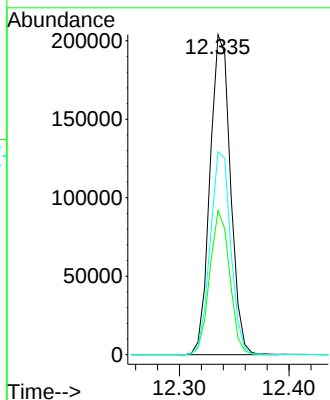
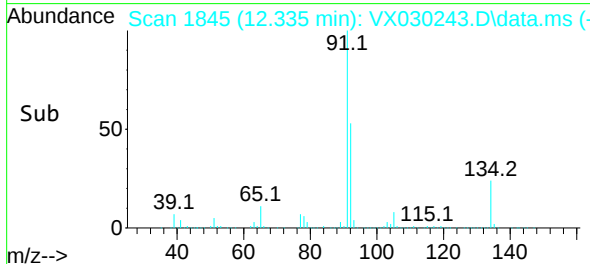
Tgt Ion:146 Resp: 264468
Ion Ratio Lower Upper
146 100
111 43.7 20.7 62.1
148 63.8 32.0 96.2

Manual Integrations

APPROVED

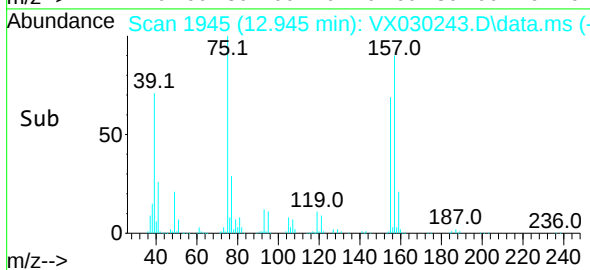
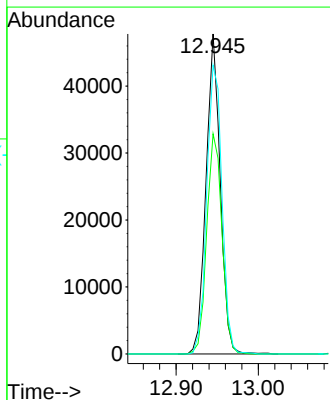
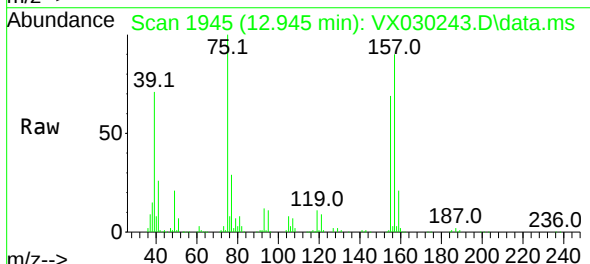
Reviewed By :John Carlone 07/28/2022

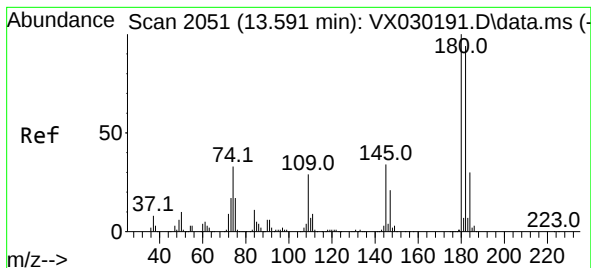
Supervised By :Mahesh Dadoda 07/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.234 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

Tgt Ion: 75 Resp: 57285
Ion Ratio Lower Upper
75 100
155 73.6 45.0 134.8
157 96.7 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 53.060 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

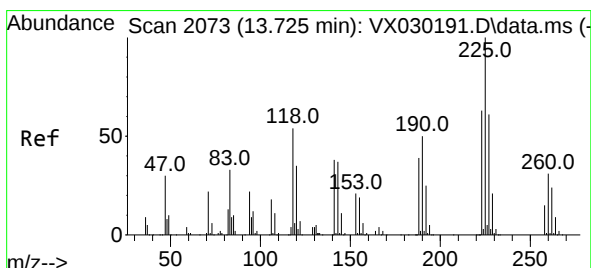
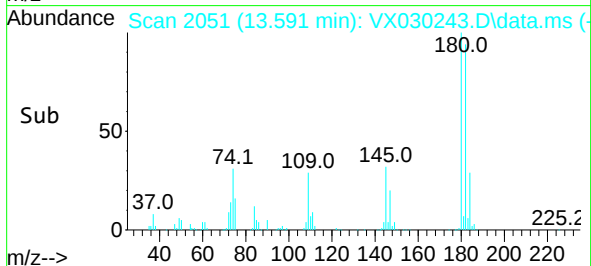
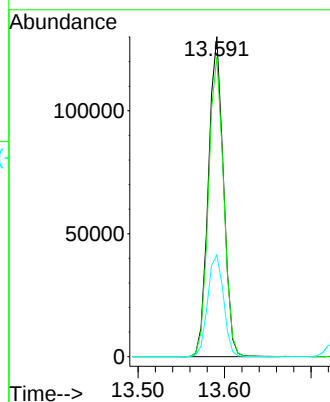
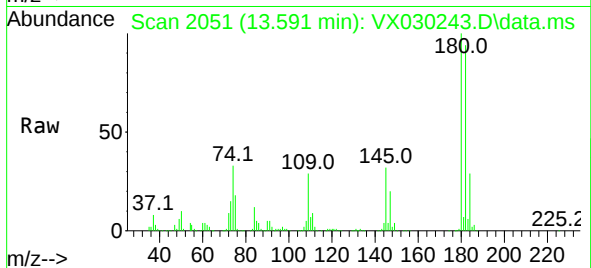
Tgt Ion:180	Resp: 15718
Ion Ratio	Lower Upper
180 100	
182 94.4	48.2 144.6
145 33.5	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carbone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#94

Hexachlorobutadiene

Concen: 50.602 ug/l

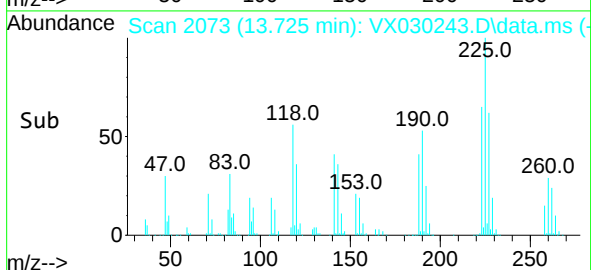
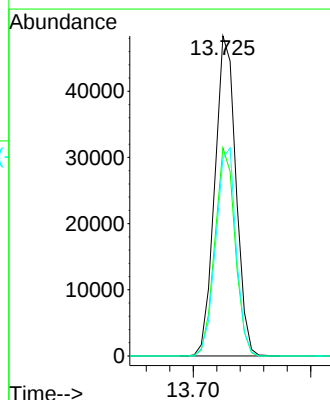
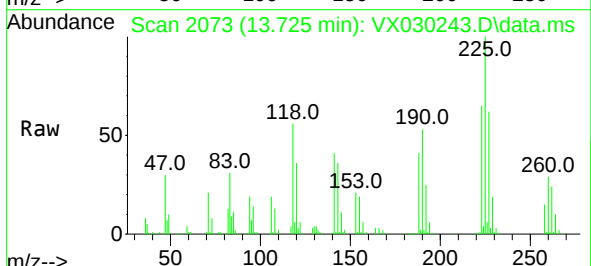
RT: 13.725 min Scan# 2073

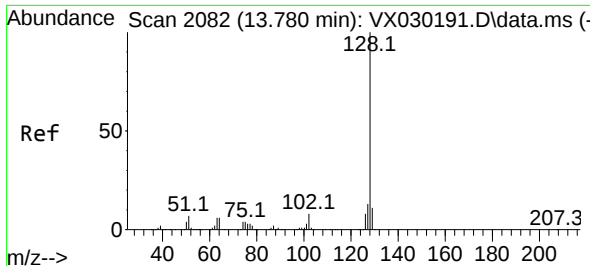
Delta R.T. 0.000 min

Lab File: VX030243.D

Acq: 27 Jul 2022 19:46

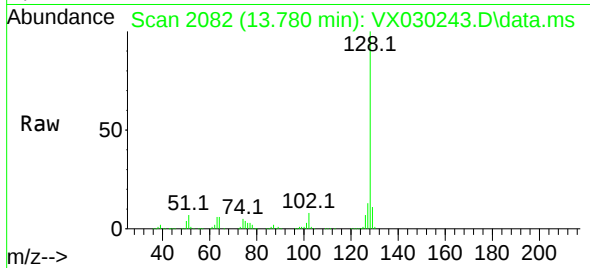
Tgt Ion:225	Resp: 60190
Ion Ratio	Lower Upper
225 100	
223 62.4	30.6 91.6
227 62.8	31.9 95.9





#95
Naphthalene
Concen: 56.759 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46

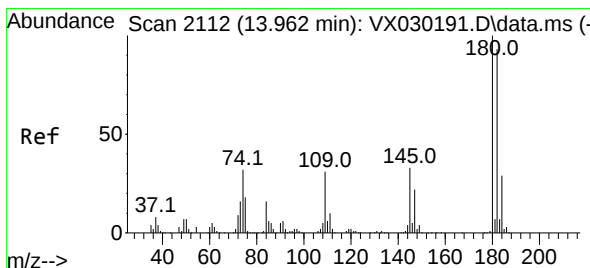
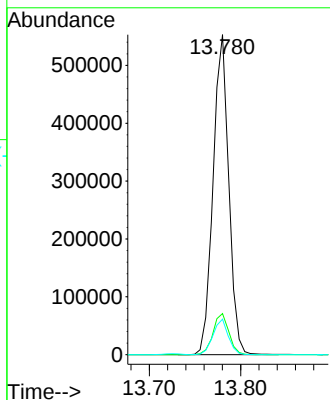
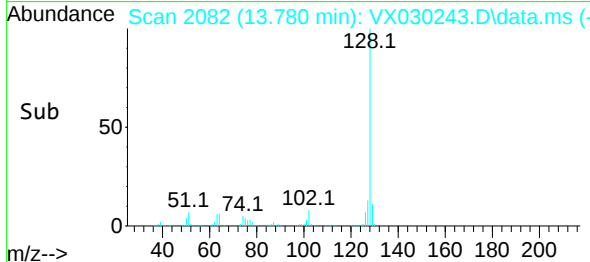
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



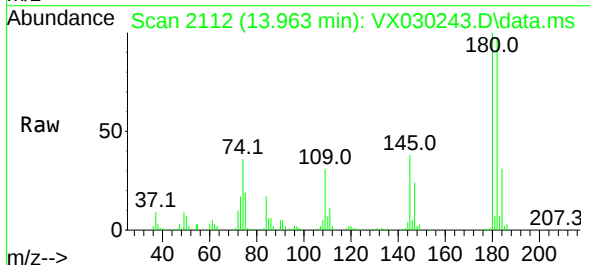
Tgt Ion:128 Resp: 65678
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.433 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.001 min
Lab File: VX030243.D
Acq: 27 Jul 2022 19:46



Tgt Ion:180 Resp: 162338
Ion Ratio Lower Upper
180 100
182 96.3 47.0 141.0
145 36.0 17.0 50.9

