

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021299.D
 Acq On : 19 Mar 2021 13:57
 Operator : JC/MD
 Sample : VX0321WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBL01

Quant Time: Mar 19 15:55:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

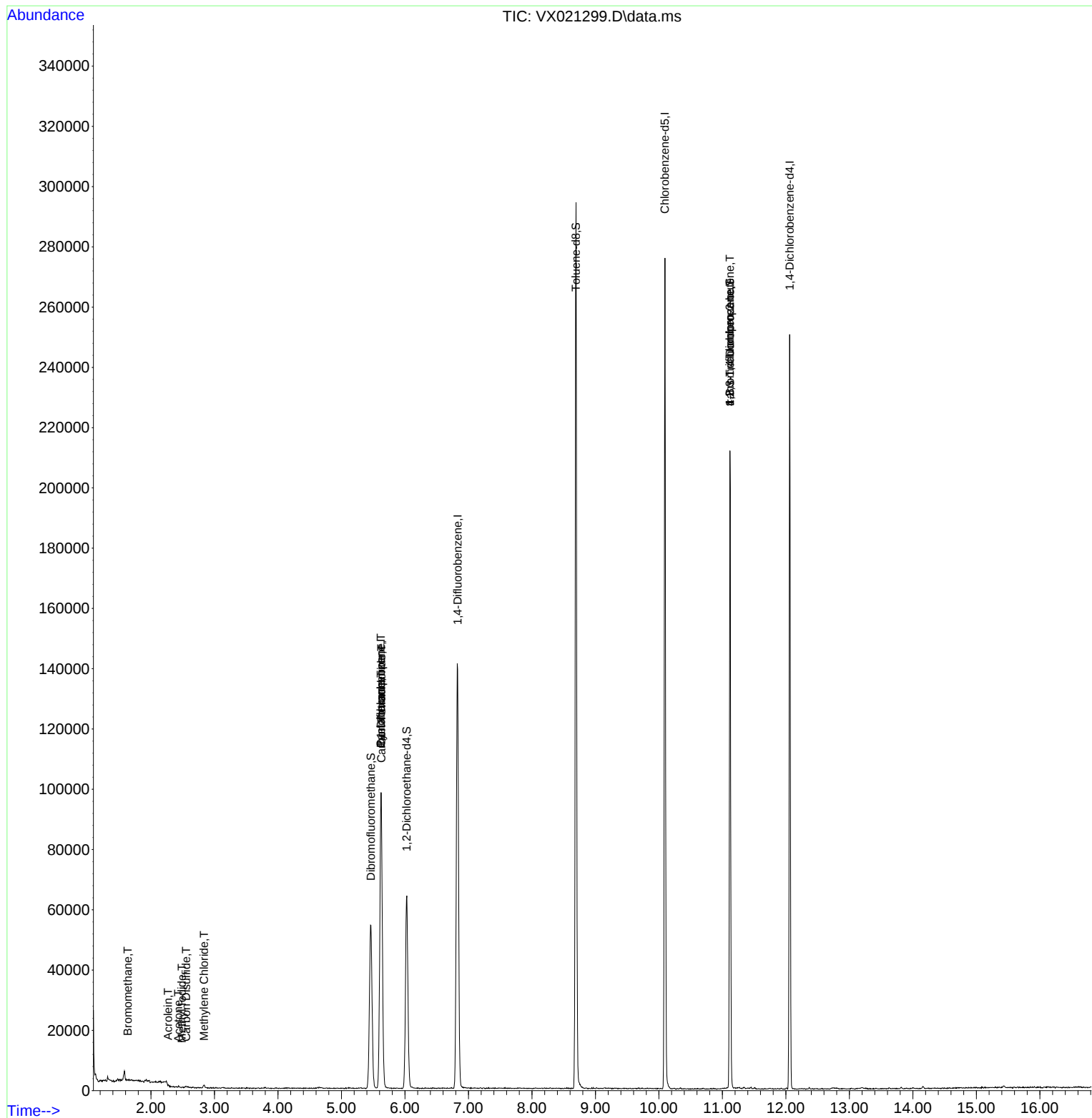
Internal Standards						
1) Pentafluorobenzene	5.623	168	83956	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	132993	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	43713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63168	45.87	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.74%		
35) Dibromofluoromethane	5.464	113	45938	50.76	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.52%		
50) Toluene-d8	8.694	98	161306	49.13	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.26%		
62) 4-Bromofluorobenzene	11.118	95	54329	42.61	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.22%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1206	Below Cal		96
5) Bromomethane	1.634	94	200	0.45 ug/l		85
10) Methyl Iodide	2.487	142	154	0.20 ug/l #		57
13) Acrolein	2.270	56	131	4.06 ug/l #		68
16) Acetone	2.428	43	548	1.08 ug/l		91
17) Carbon Disulfide	2.552	76	600	0.77 ug/l #		75
20) Methylene Chloride	2.834	84	361	0.35 ug/l #		72
31) Cyclohexane	5.623	56	2513	1.51 ug/l #		37
36) 1,1-Dichloropropene	5.623	75	7642	5.70 ug/l #		49
38) Carbon Tetrachloride	5.629	117	9162	6.58 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	31089	30.66 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	31089	83.24 ug/l #		12

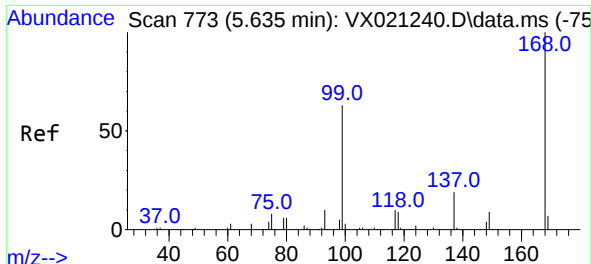
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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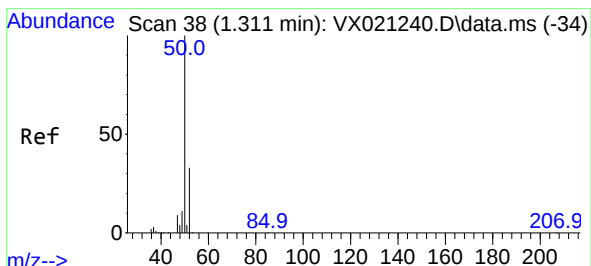
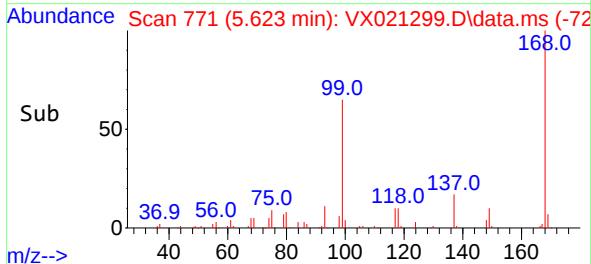
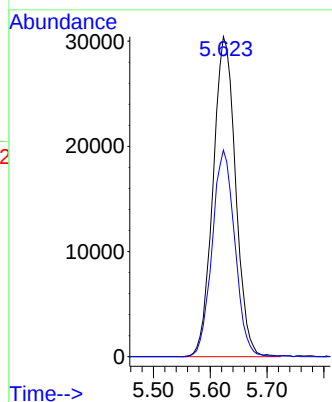
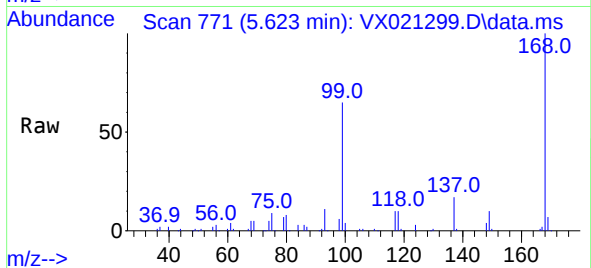




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

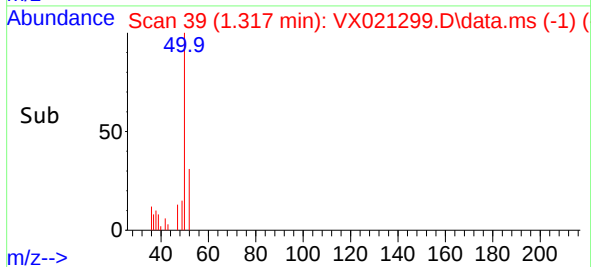
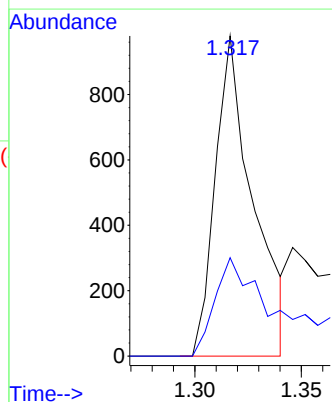
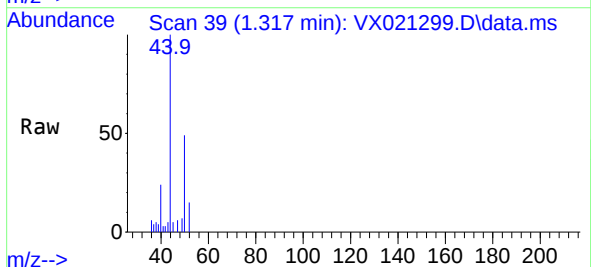
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

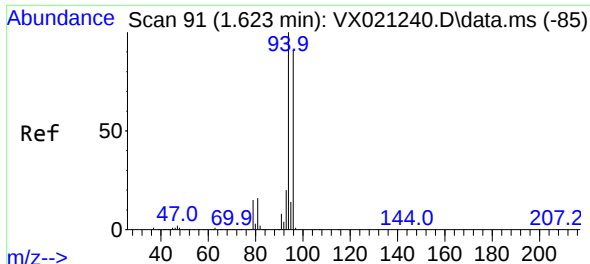
Tgt Ion:168 Resp: 83956
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

Tgt Ion: 50 Resp: 1206
Ion Ratio Lower Upper
50 100
52 30.7 26.4 39.6

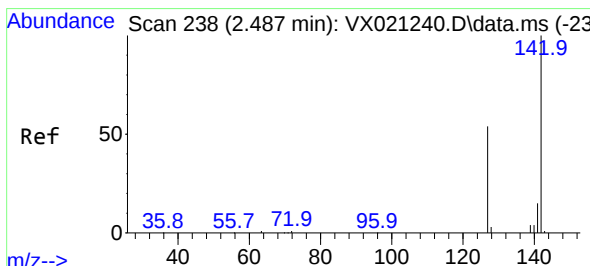
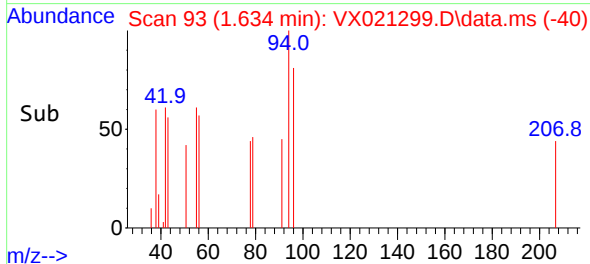
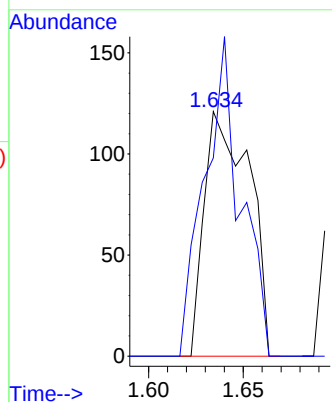
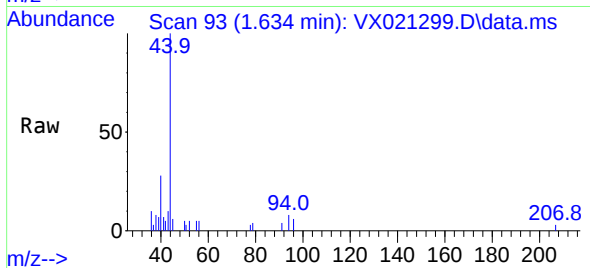




#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

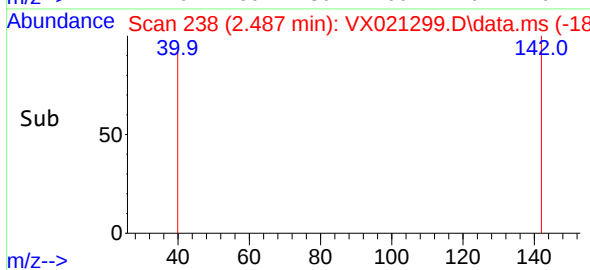
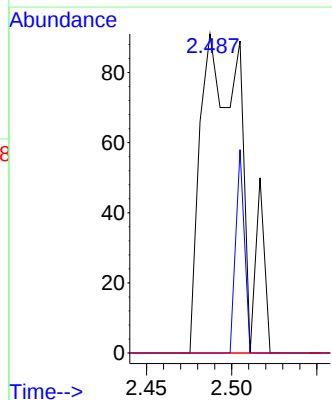
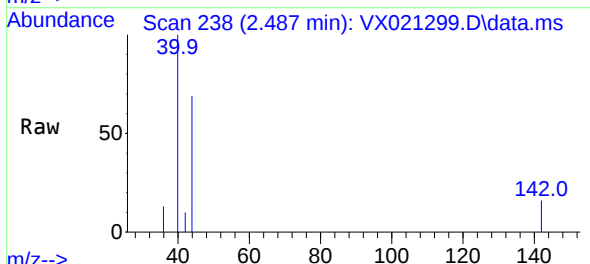
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

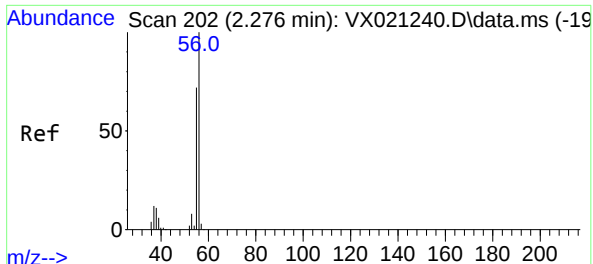
Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 81.0 76.4 114.6



#10
Methyl Iodide
Concen: 0.20 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

Tgt Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
127 13.0 33.3 49.9#
141 0.0 11.4 17.0#

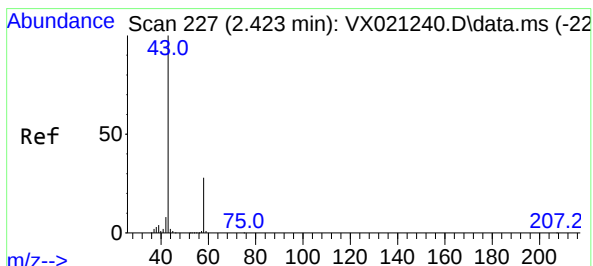
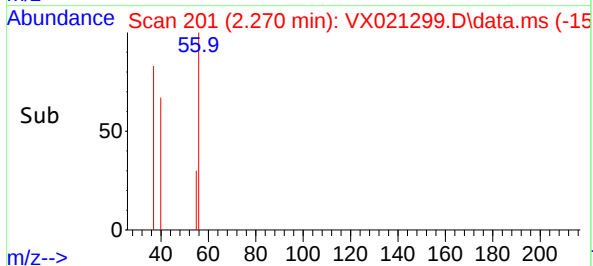
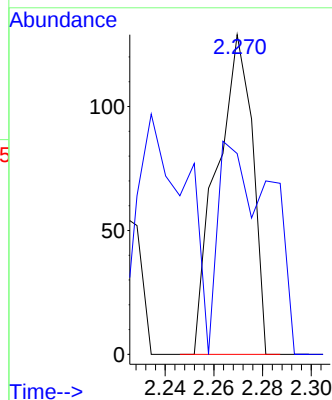
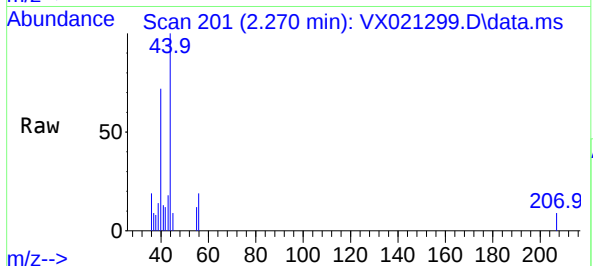




#13
Acrolein
Concen: 4.06 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

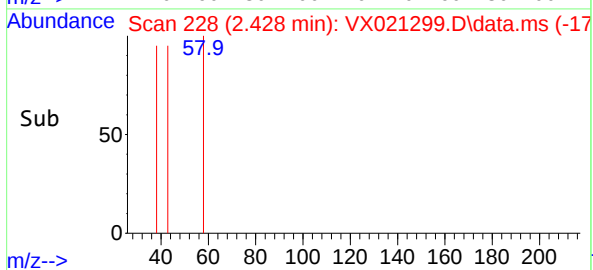
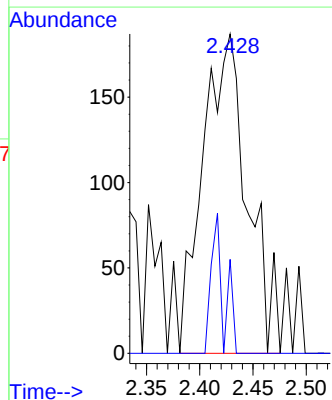
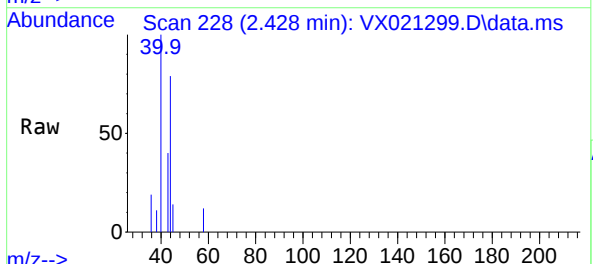
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

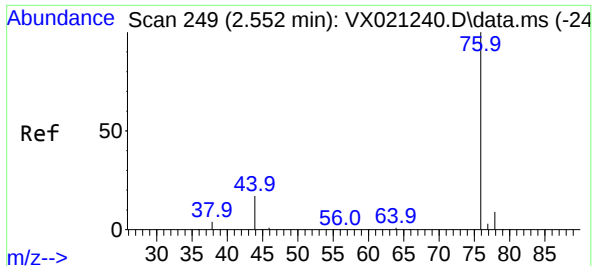
Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 96.9 56.4 84.6#



#16
Acetone
Concen: 1.08 ug/l
RT: 2.428 min Scan# 228
Delta R.T. 0.005 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8

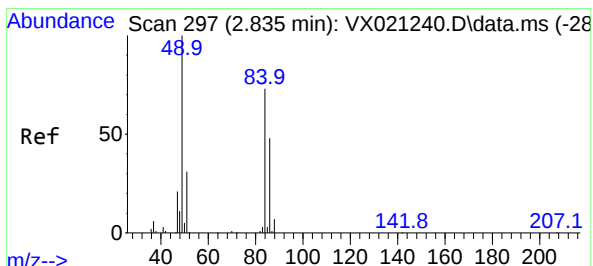
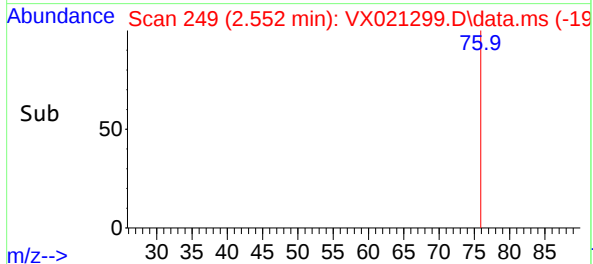
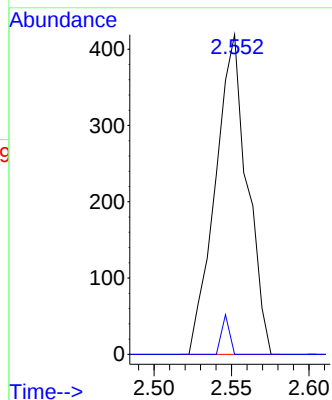
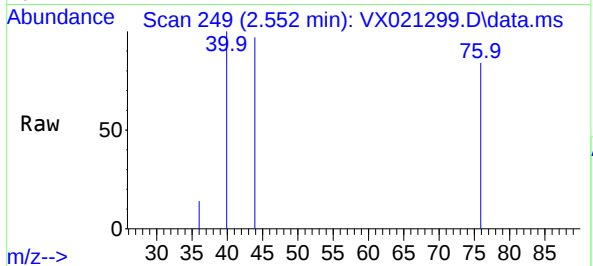




#17
Carbon Disulfide
Concen: 0.77 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

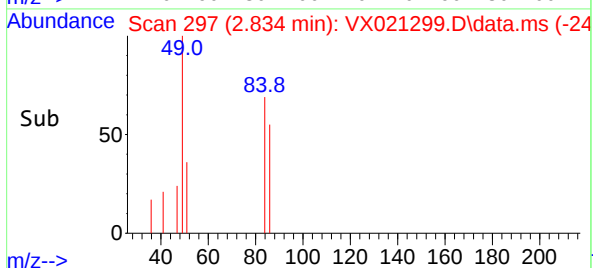
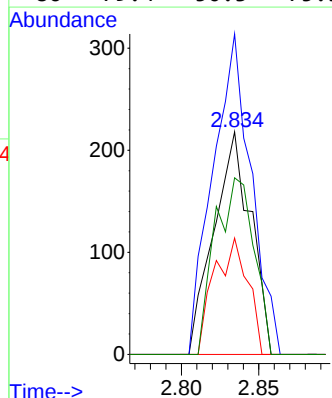
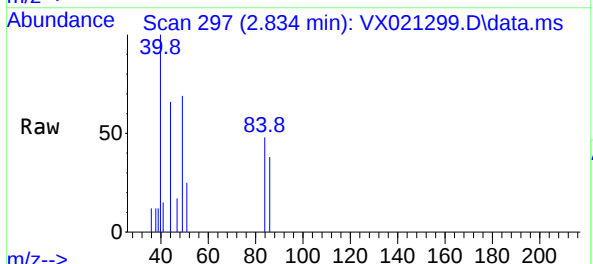
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

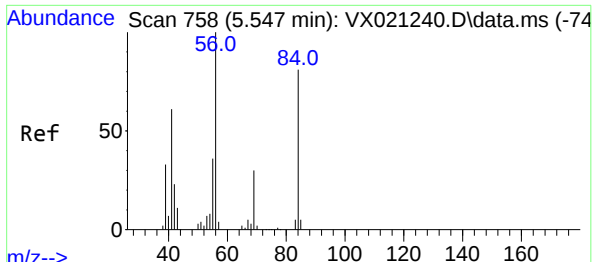
Tgt Ion: 76 Resp: 600
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.35 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

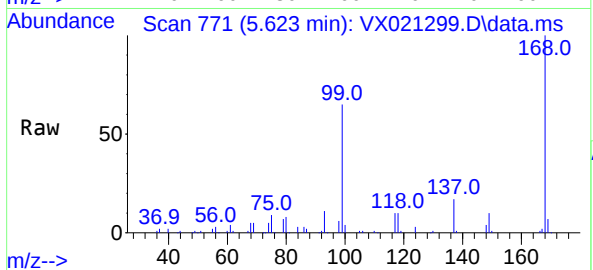
Tgt Ion: 84 Resp: 361
Ion Ratio Lower Upper
84 100
49 144.0 88.6 132.8#
51 52.3 27.0 40.6#
86 79.4 50.3 75.5#



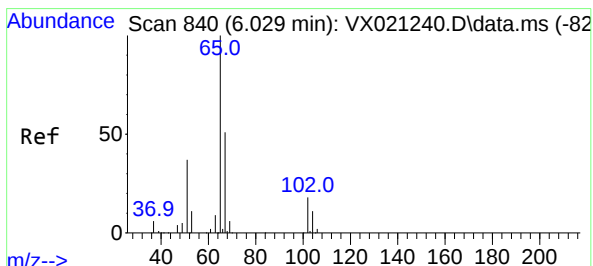
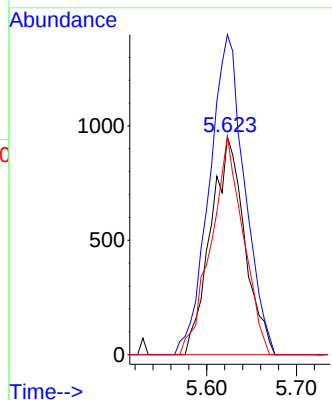
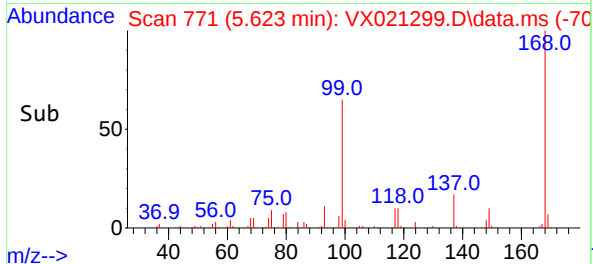


#31
Cyclohexane
Concen: 1.51 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

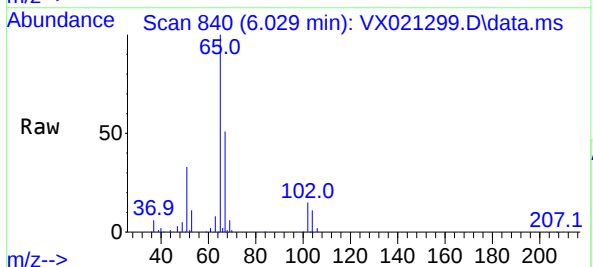
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ClientSampleId :
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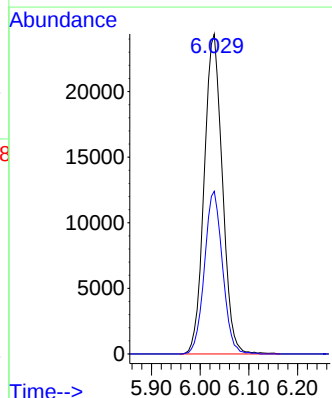
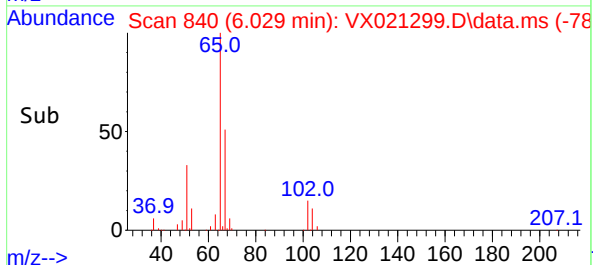
Tgt Ion: 56 Resp: 2513
Ion Ratio Lower Upper
56 100
69 146.8 25.3 37.9#
84 100.3 71.4 107.0

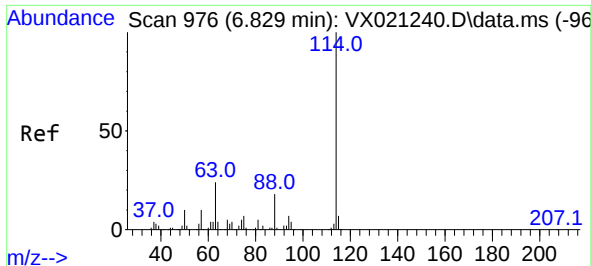


#33
1,2-Dichloroethane-d4
Concen: 45.87 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57



Tgt Ion: 65 Resp: 63168
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

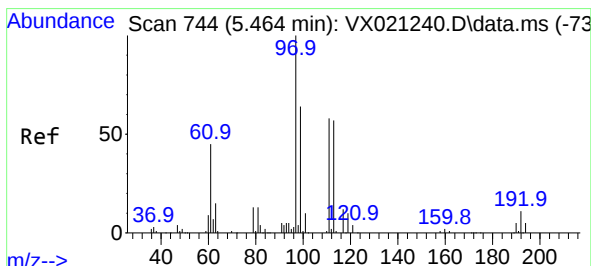
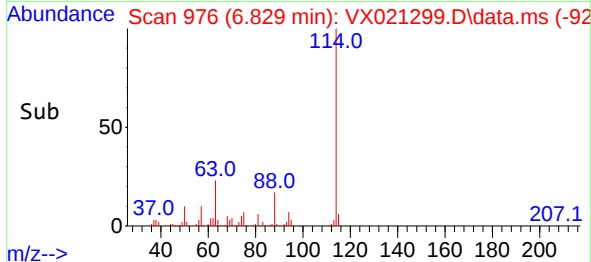
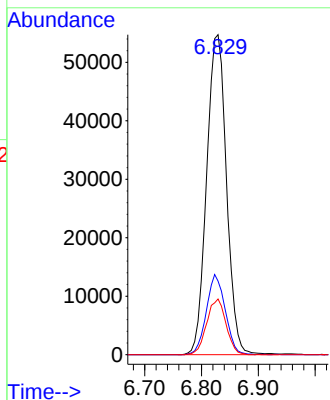
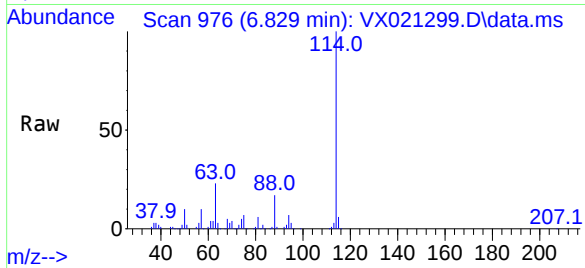




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

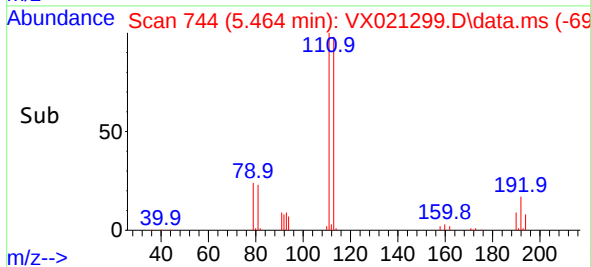
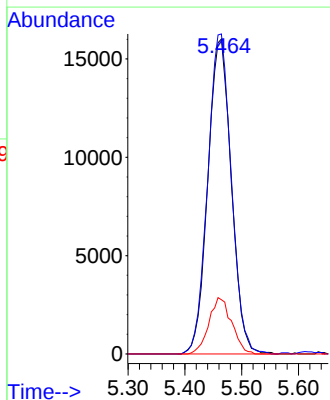
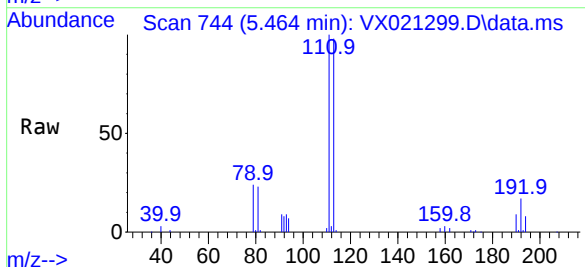
Instrument :
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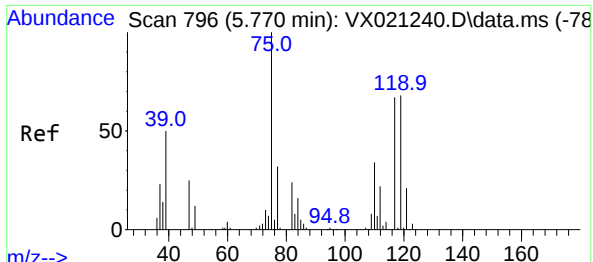
Tgt Ion:114 Resp: 132993
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.76 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

Tgt Ion:113 Resp: 45938
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 17.3 16.7 25.1

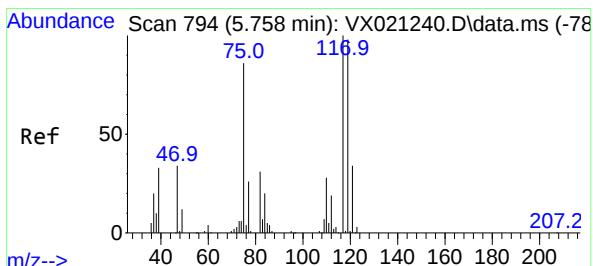
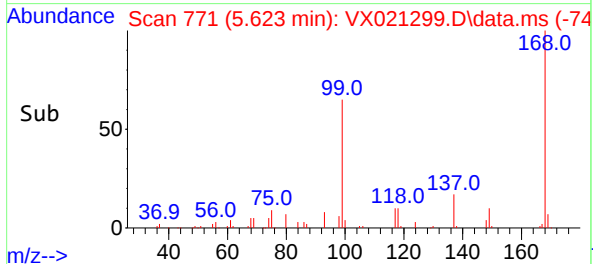
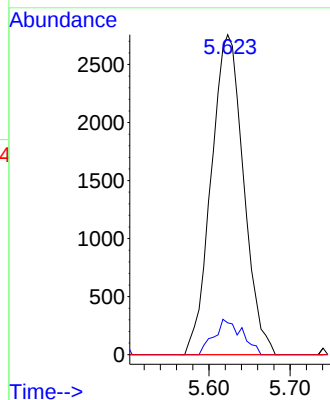
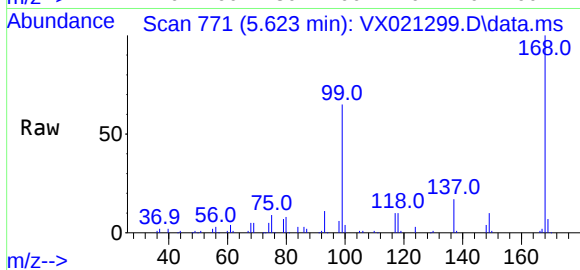




#36
1,1-Dichloropropene
Concen: 5.70 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

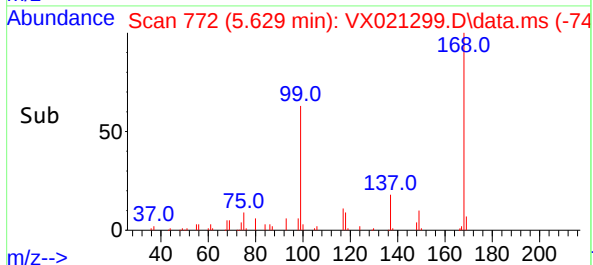
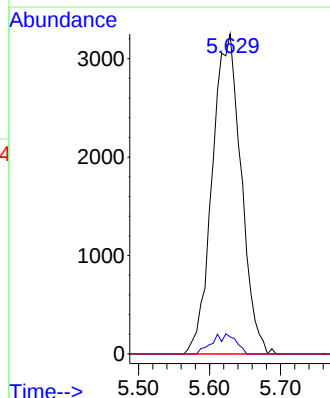
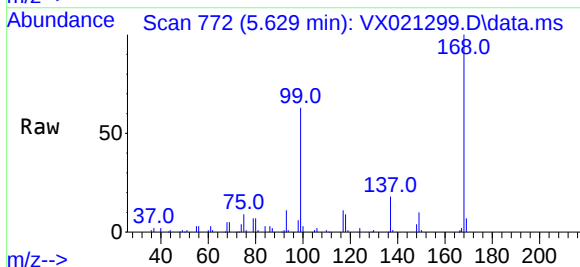
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

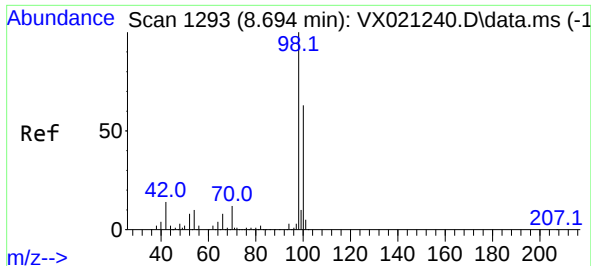
Tgt Ion: 75	Resp: 7642
Ion Ratio	Lower Upper
75 100	
110 9.5	18.1 54.4#
77 0.0	25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

Tgt Ion: 117	Resp: 9162
Ion Ratio	Lower Upper
117 100	
119 5.4	76.2 114.2#
121 0.0	24.8 37.2#

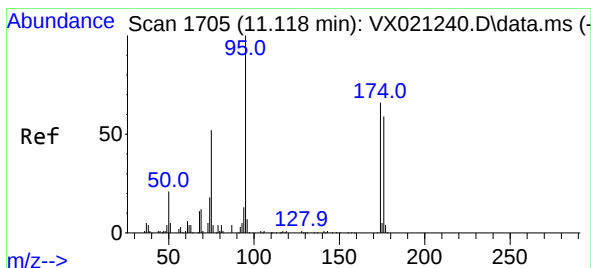
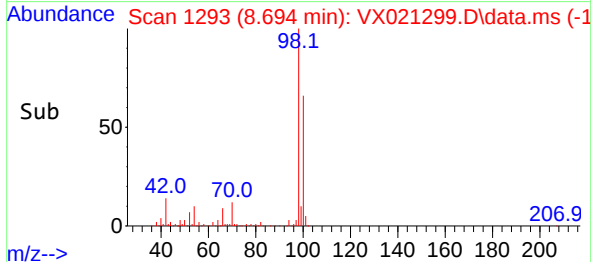
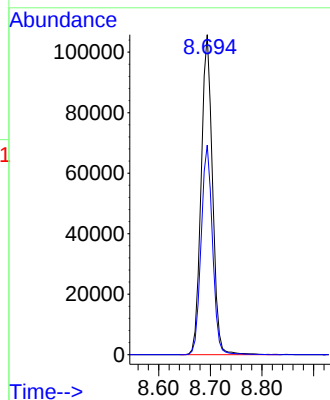
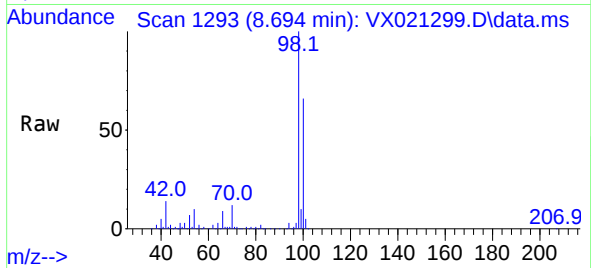




#50
Toluene-d8
Concen: 49.13 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

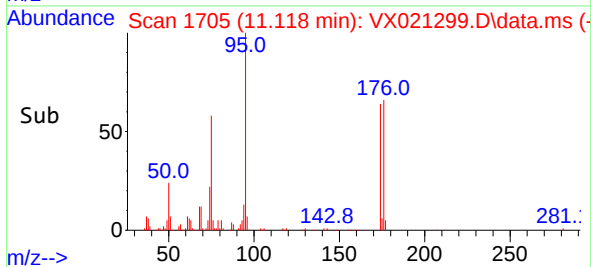
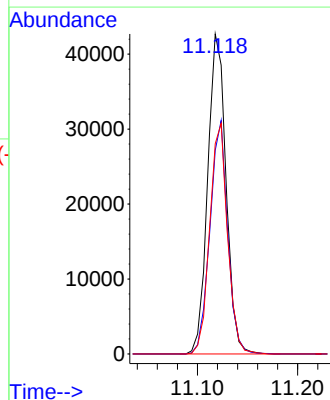
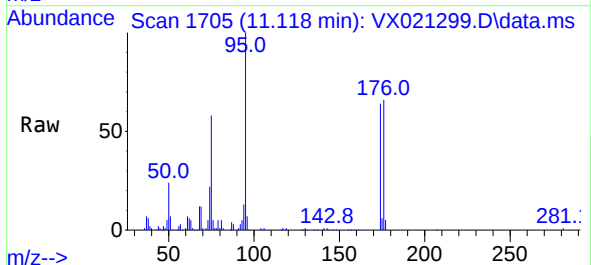
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

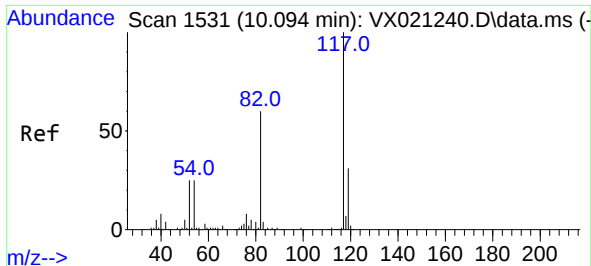
Tgt Ion: 98 Resp: 161306
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.61 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

Tgt Ion: 95 Resp: 54329
Ion Ratio Lower Upper
95 100
174 70.3 0.0 154.6
176 70.0 0.0 155.8

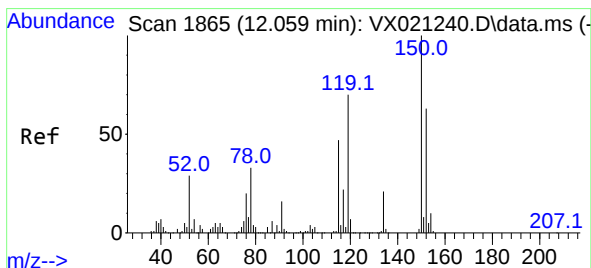
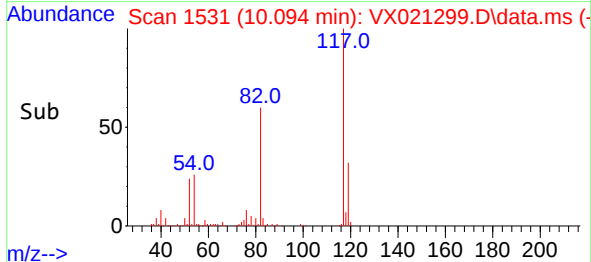
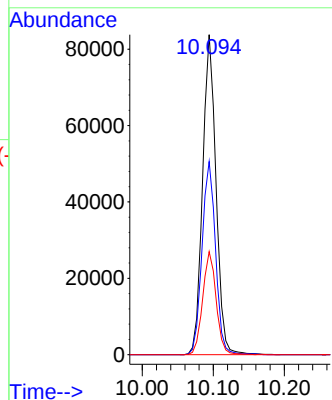
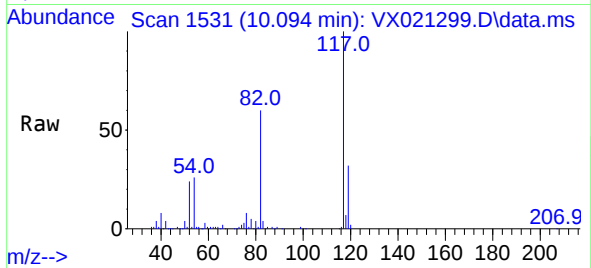




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

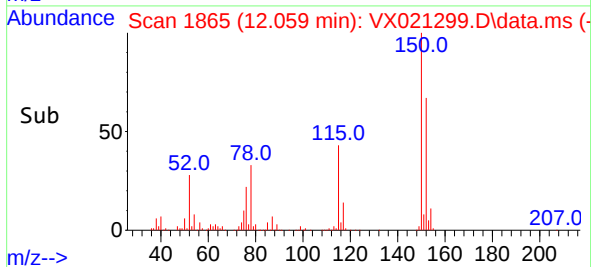
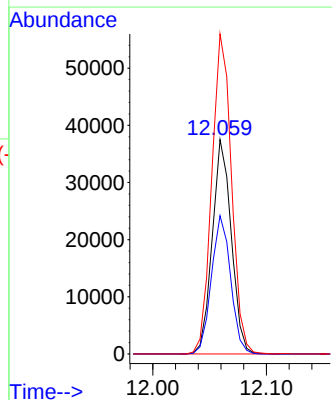
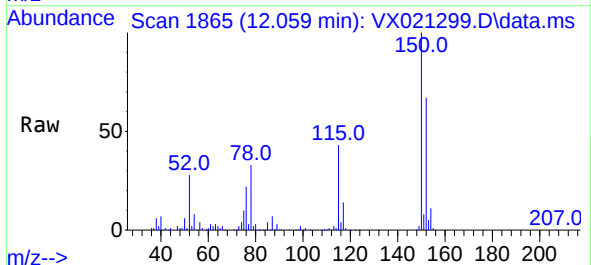
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

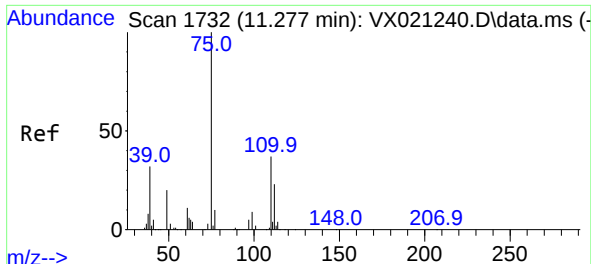
Tgt Ion:117	Resp:	110328
Ion Ratio	Lower	Upper
117	100	
82	60.3	47.4 71.2
119	32.2	26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

Tgt Ion:152	Resp:	43713
Ion Ratio	Lower	Upper
152	100	
115	64.8	41.1 123.3
150	154.1	0.0 349.0

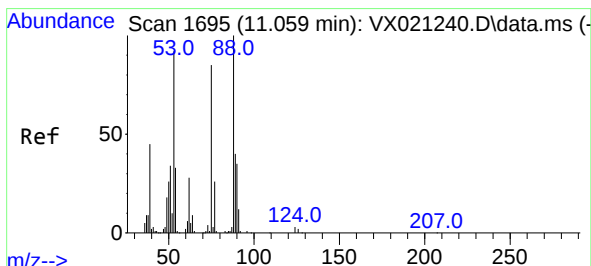
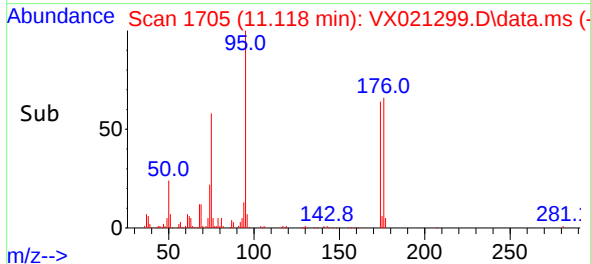
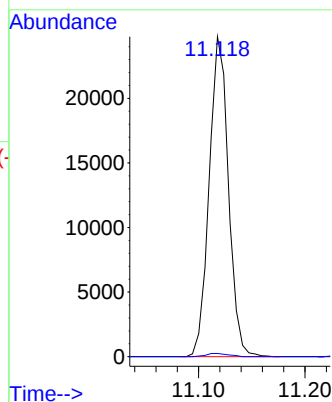
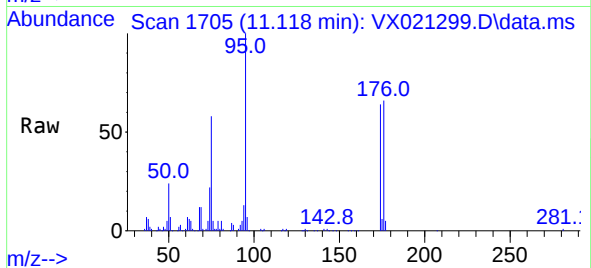




#76
1,2,3-Trichloropropane
Concen: 30.66 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

Tgt Ion: 75 Resp: 31089
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.24 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021299.D
Acq: 19 Mar 2021 13:57

Tgt Ion: 75 Resp: 31089
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

