

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021347.D
 Acq On : 22 Mar 2021 10:55
 Operator : JC/MD
 Sample : VX0322WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBL01

Quant Time: Mar 23 01:57:19 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)

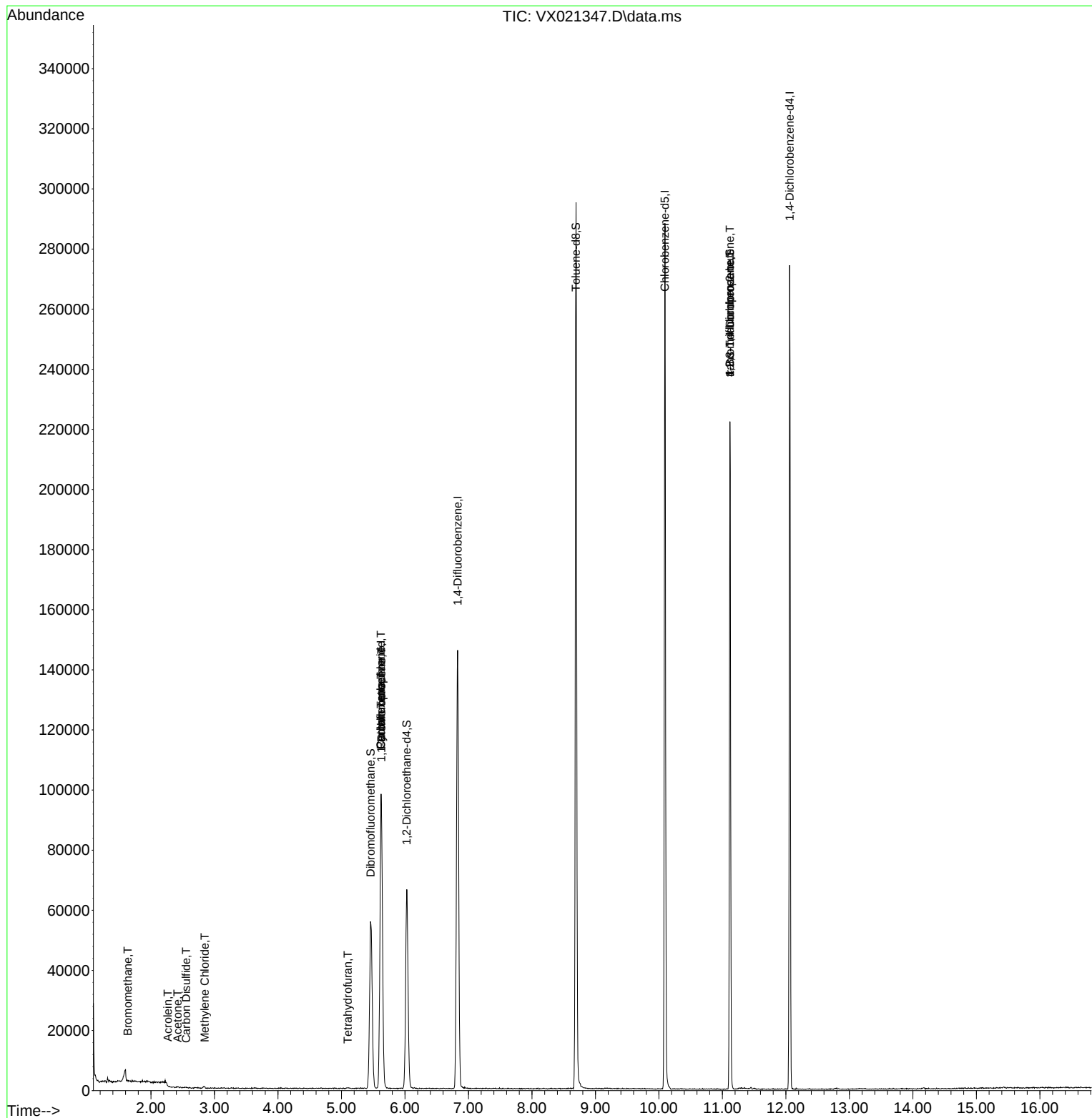
Internal Standards						
1) Pentafluorobenzene	5.623	168	83768	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	138361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	65300	47.53	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.06%		
35) Dibromofluoromethane	5.458	113	47035	49.96	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.92%		
50) Toluene-d8	8.694	98	165956	48.58	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.16%		
62) 4-Bromofluorobenzene	11.118	95	58801	44.32	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.64%		
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1751	Below Cal		97
5) Bromomethane	1.634	94	138	0.31 ug/l #		78
13) Acrolein	2.264	56	56	3.52 ug/l #		14
16) Acetone	2.417	43	347	0.69 ug/l #		40
17) Carbon Disulfide	2.552	76	363	0.68 ug/l #		75
20) Methylene Chloride	2.846	84	317	0.30 ug/l #		82
29) Tetrahydrofuran	5.099	42	176	0.34 ug/l #		27
31) Cyclohexane	5.623	56	2338	1.41 ug/l #		12
36) 1,1-Dichloropropene	5.629	75	7636	5.48 ug/l #		50
38) Carbon Tetrachloride	5.623	117	9493	6.56 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	33542	29.55 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	33542	80.23 ug/l #		12

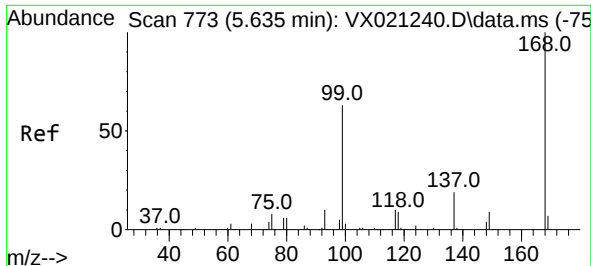
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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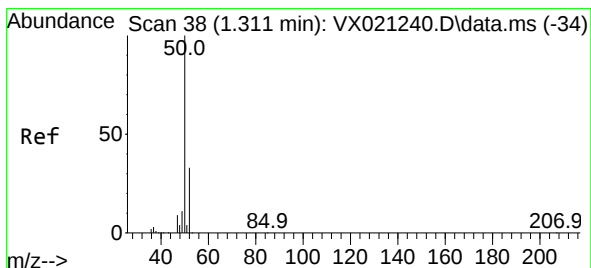
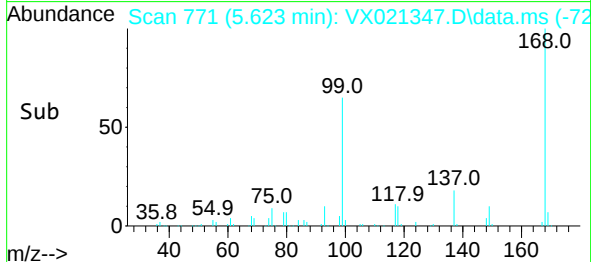
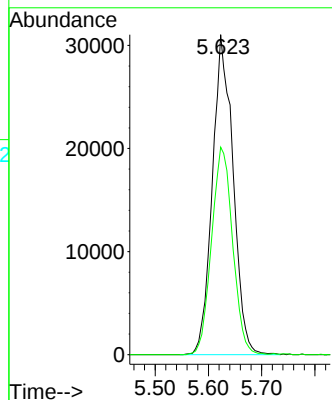
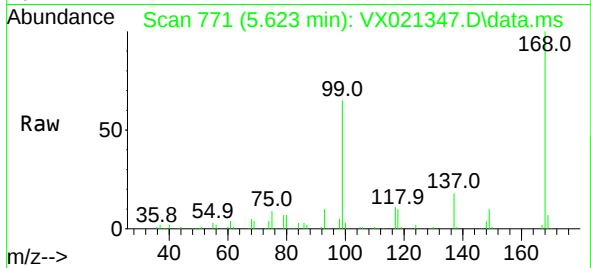




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

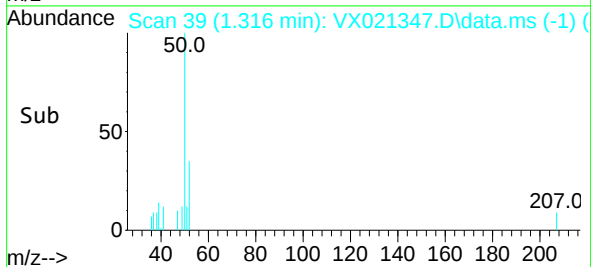
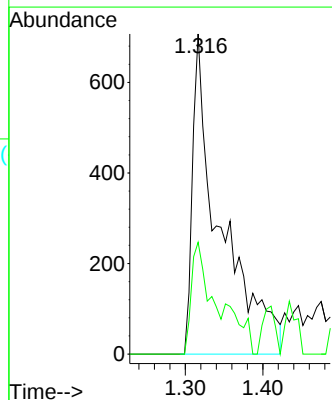
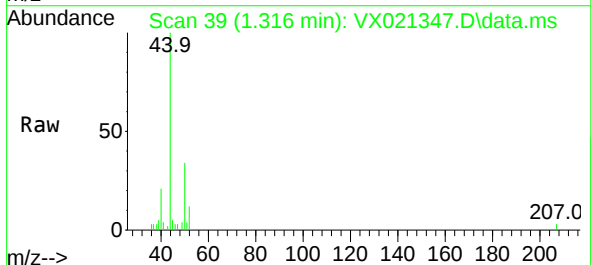
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

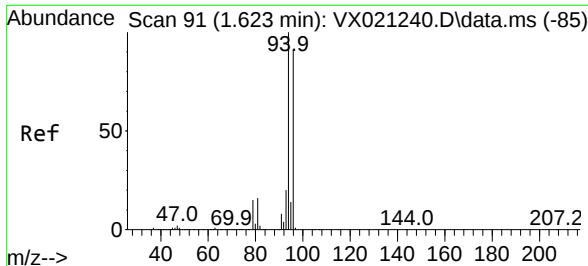
Tgt Ion:168 Resp: 83768
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Tgt Ion: 50 Resp: 1751
Ion Ratio Lower Upper
50 100
52 34.9 26.4 39.6

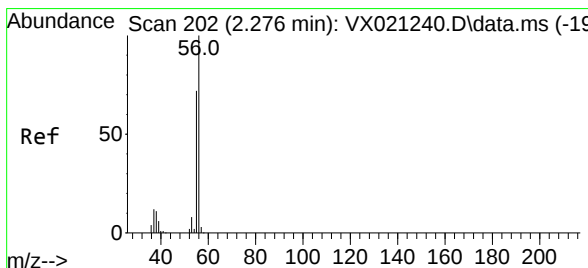
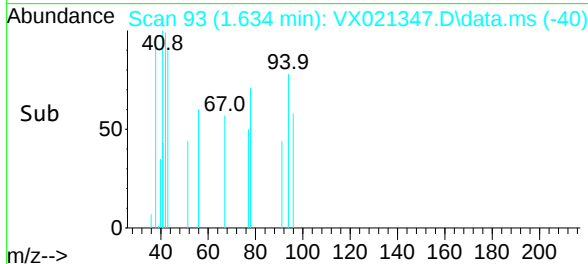
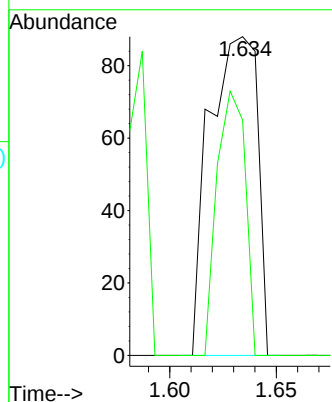
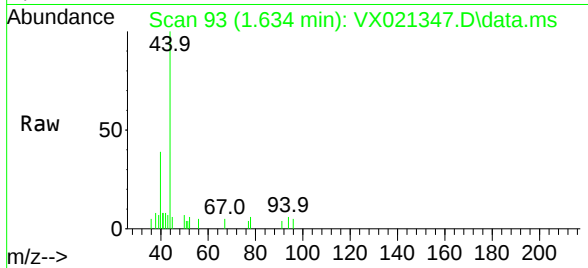




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

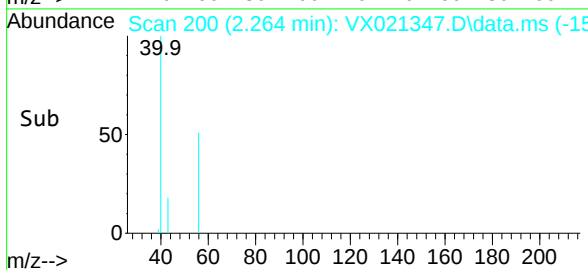
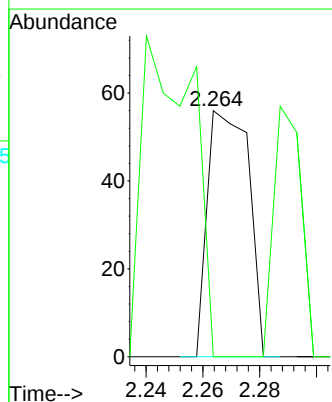
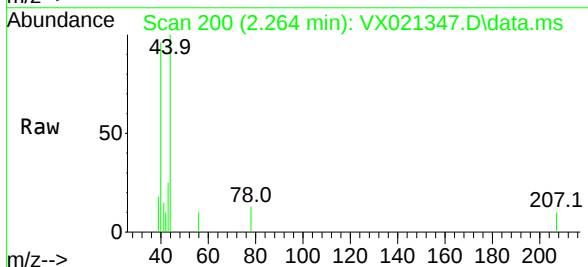
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 73.9 76.4 114.6#



#13
Acrolein
Concen: 3.52 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

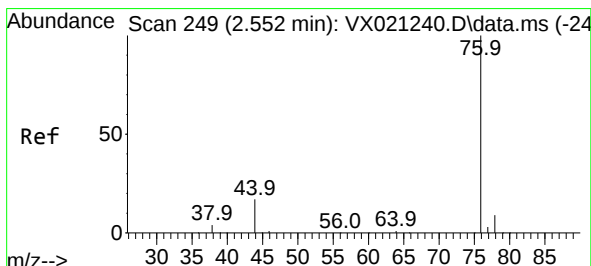
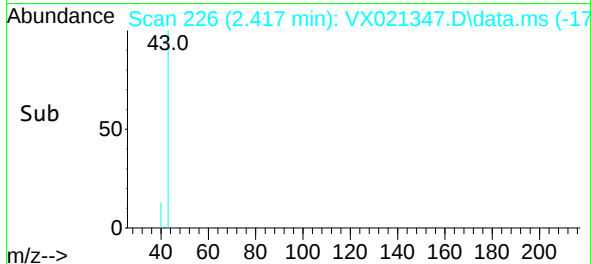
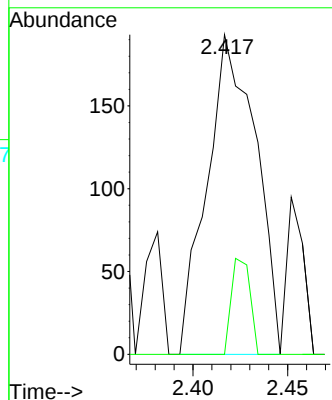
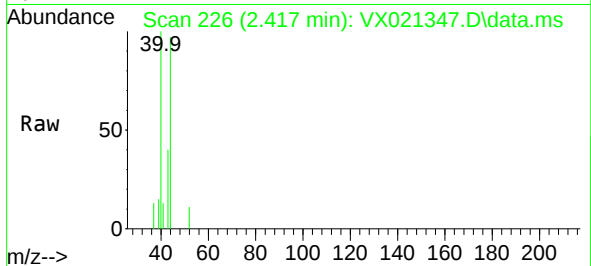




#16
Acetone
Concen: 0.69 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

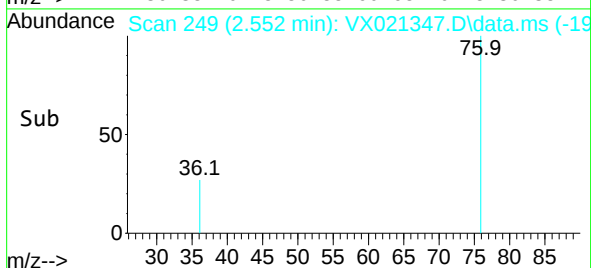
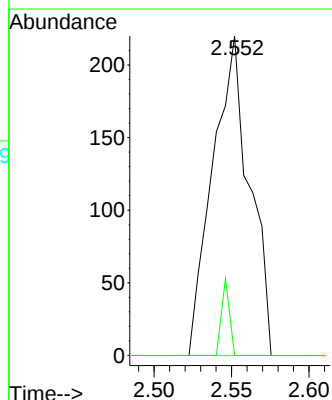
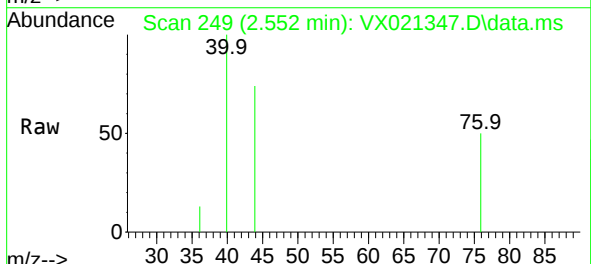
Instrument :
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ClientSampleId :
VX0322WBL01

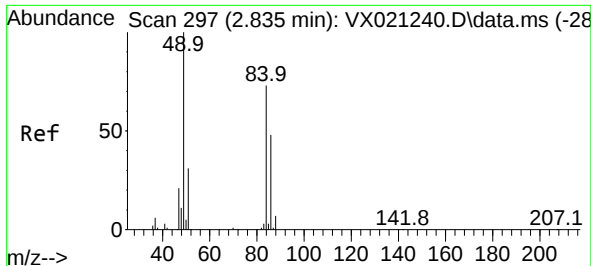
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.68 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

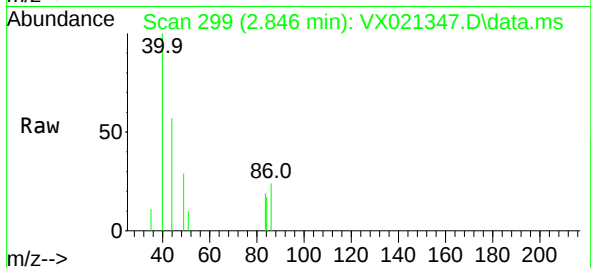
Tgt Ion: 76 Resp: 363
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



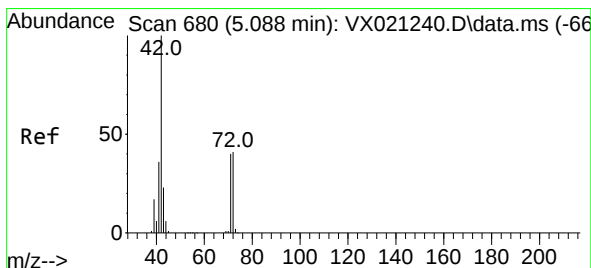
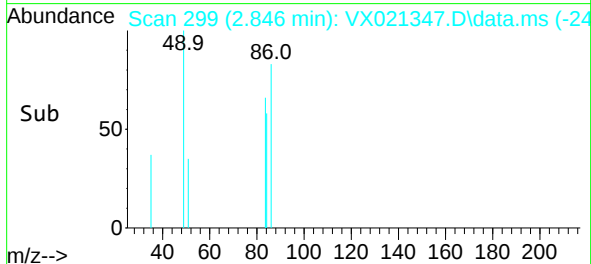
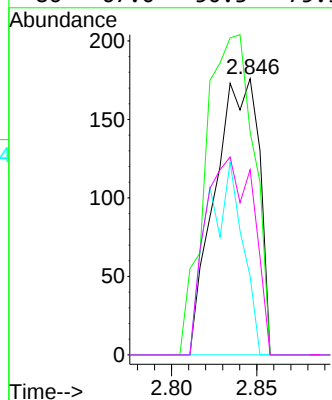


#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.846 min Scan# 299
Delta R.T. 0.011 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

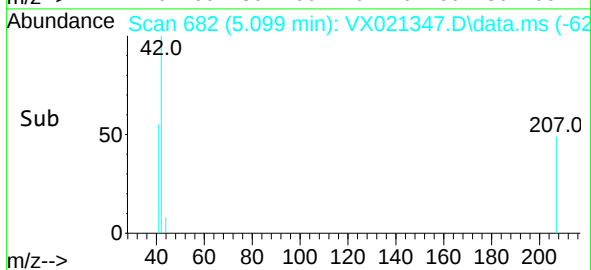
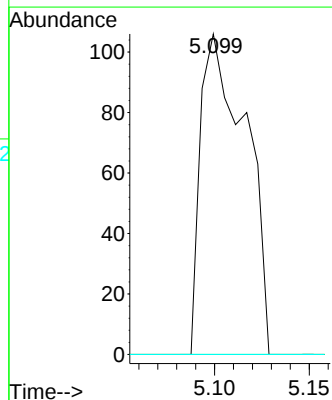
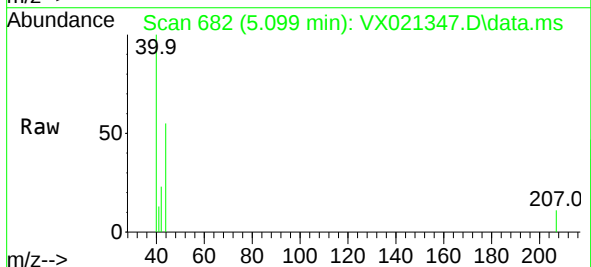


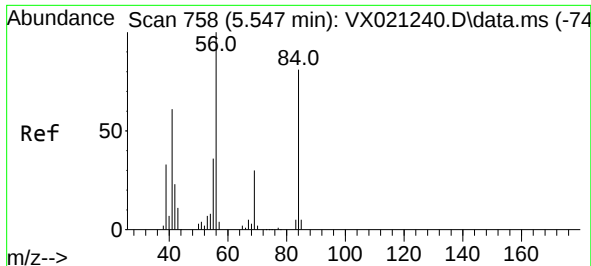
Tgt Ion:	84	Resp:	317
Ion	Ratio	Lower	Upper
84	100		
49	80.7	88.6	132.8#
51	28.4	27.0	40.6
86	67.0	50.3	75.5



#29
Tetrahydrofuran
Concen: 0.34 ug/l
RT: 5.099 min Scan# 682
Delta R.T. 0.011 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Tgt Ion:	42	Resp:	176
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

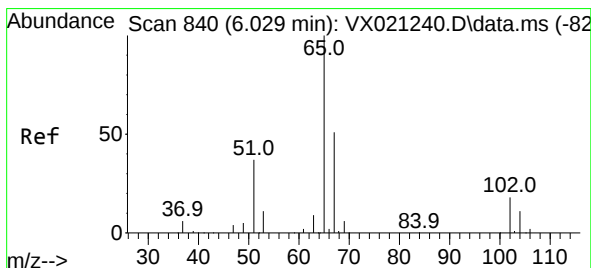
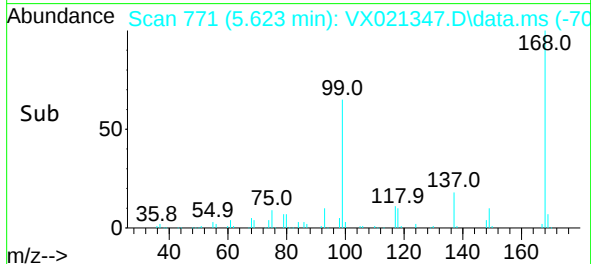
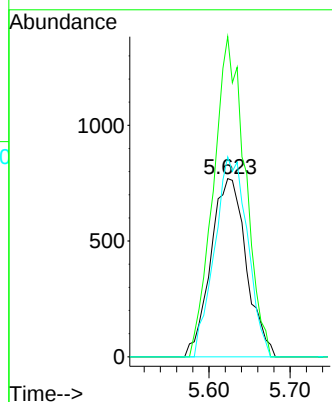
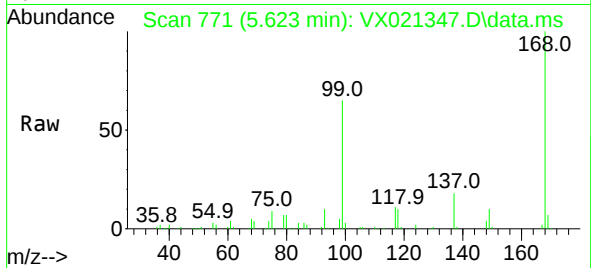




#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

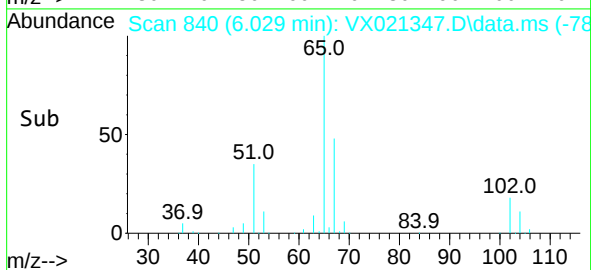
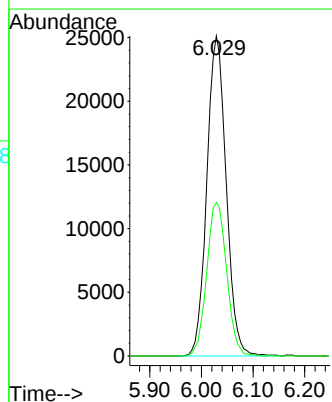
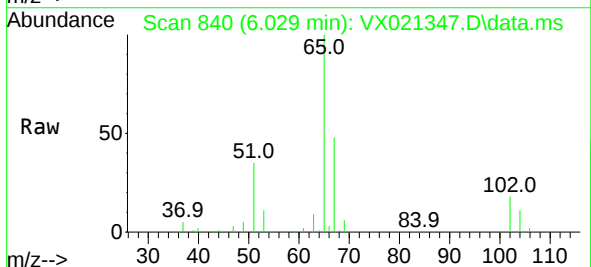
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

Tgt Ion: 56 Resp: 2338
Ion Ratio Lower Upper
56 100
69 179.6 25.3 37.9#
84 112.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.53 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Tgt Ion: 65 Resp: 65300
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4

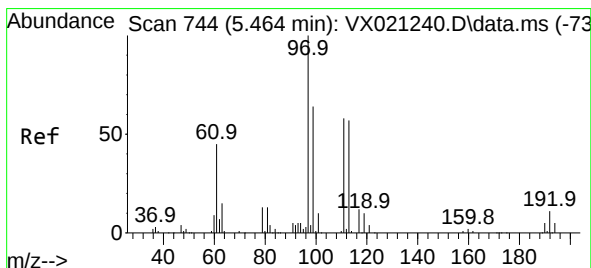
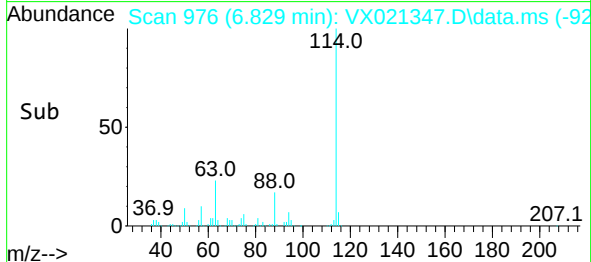
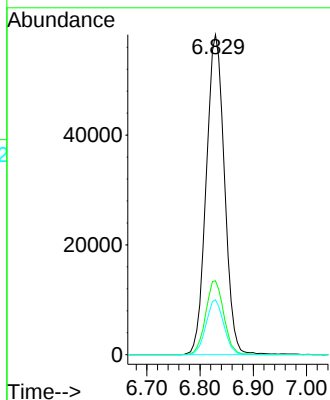
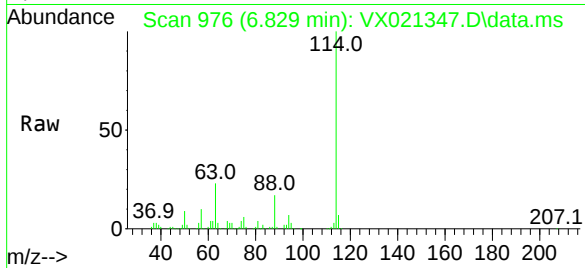




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

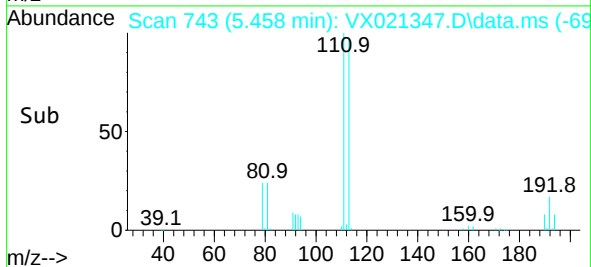
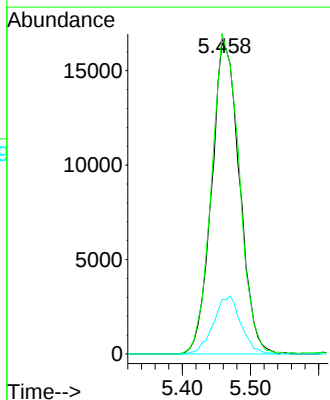
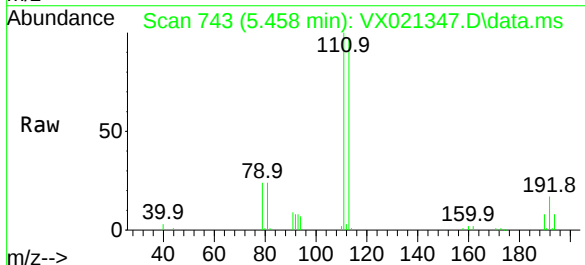
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ClientSampleId :
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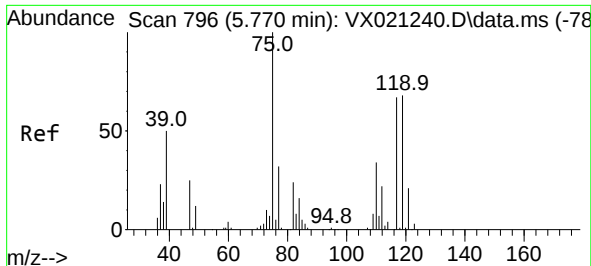
Tgt Ion:114 Resp: 138361
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.96 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Tgt Ion:113 Resp: 47035
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 18.3 16.7 25.1

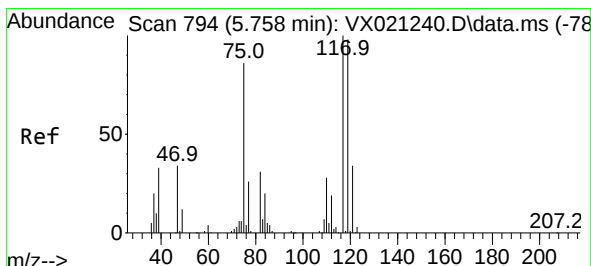
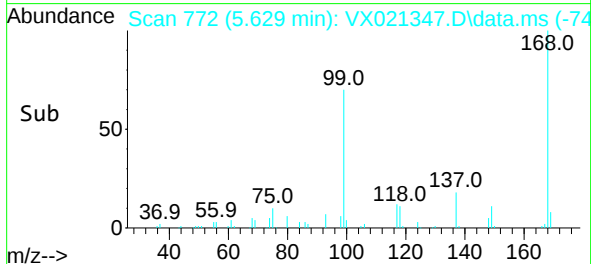
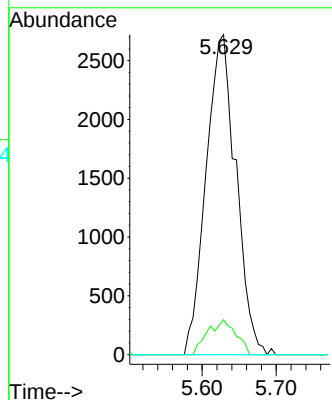
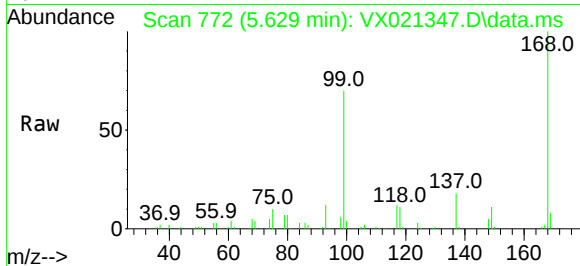




#36
1,1-Dichloropropene
Concen: 5.48 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

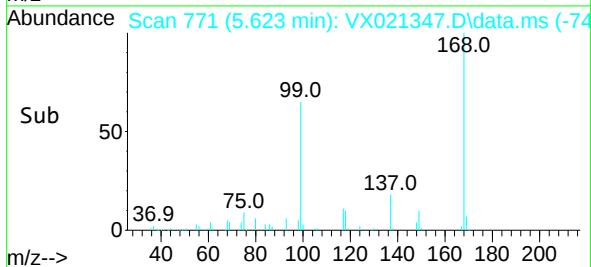
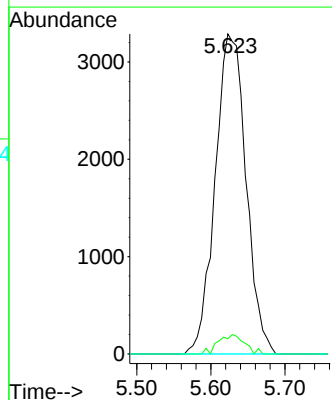
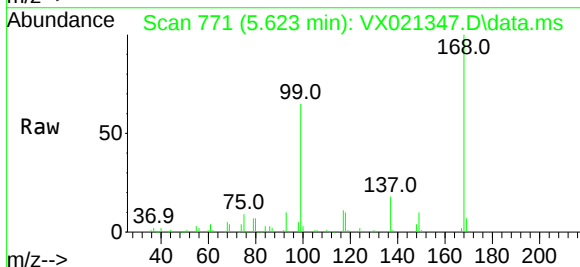
Instrument :
MSVOA_X
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VX0322WBL01

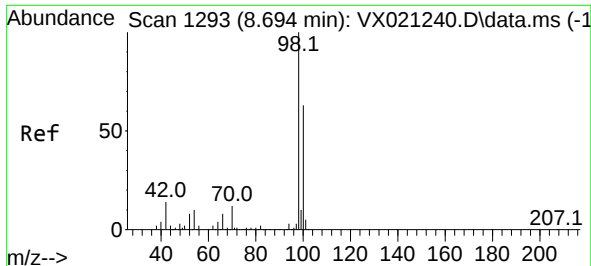
Tgt Ion: 75 Resp: 7636
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.56 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Tgt Ion: 117 Resp: 9493
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

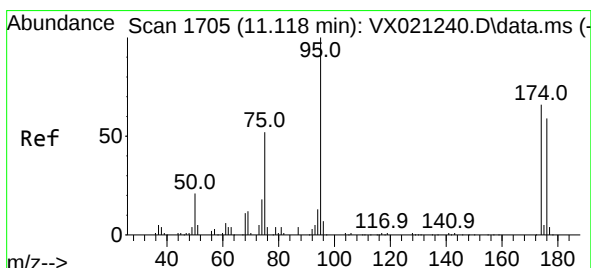
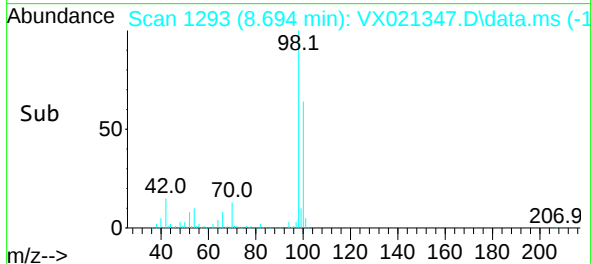
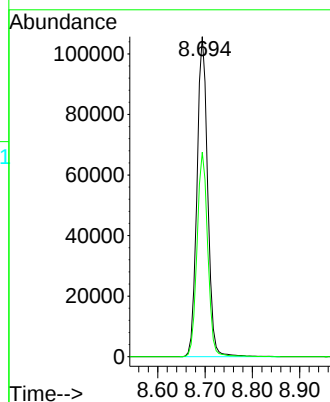
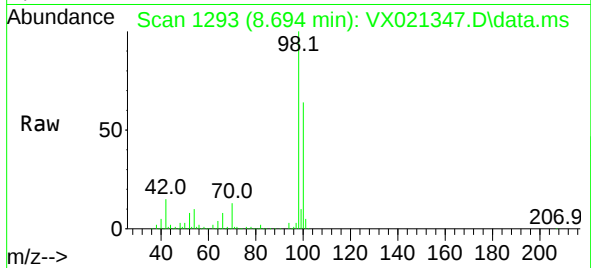




#50
Toluene-d8
Concen: 48.58 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

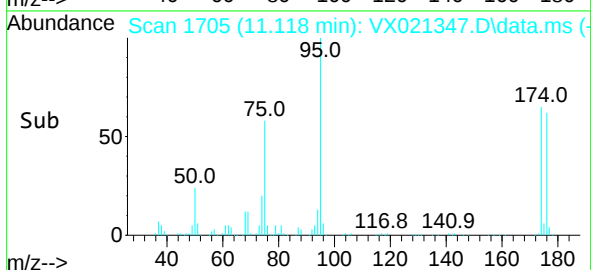
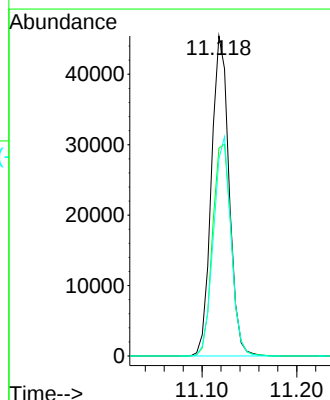
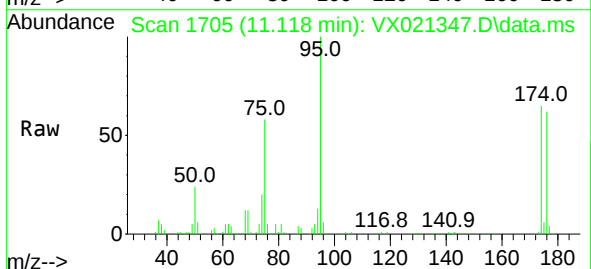
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

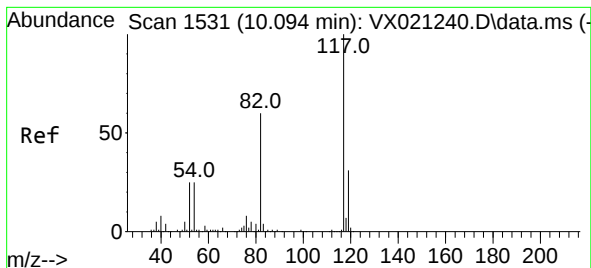
Tgt Ion: 98 Resp: 165956
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.32 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Tgt Ion: 95 Resp: 58801
Ion Ratio Lower Upper
95 100
174 69.8 0.0 154.6
176 68.1 0.0 155.8

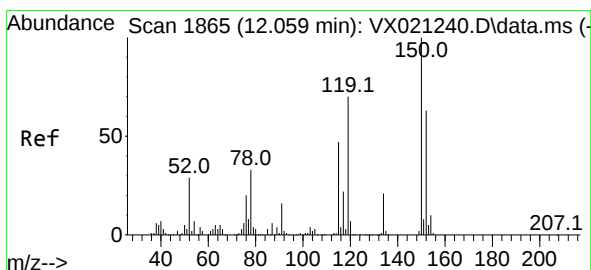
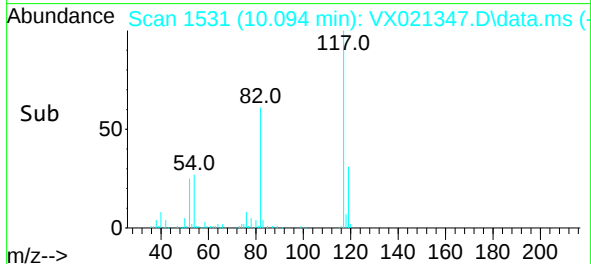
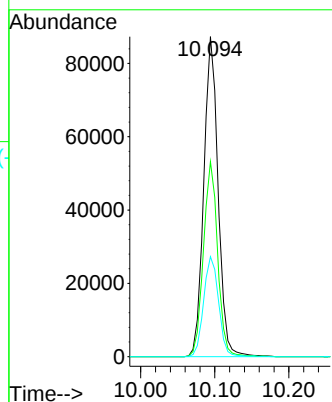
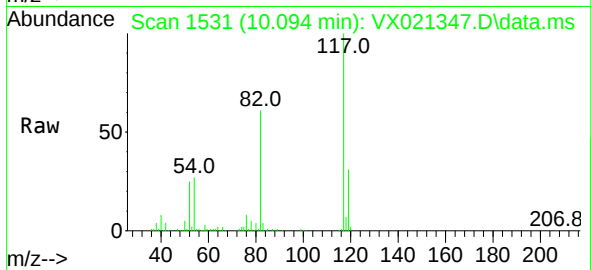




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

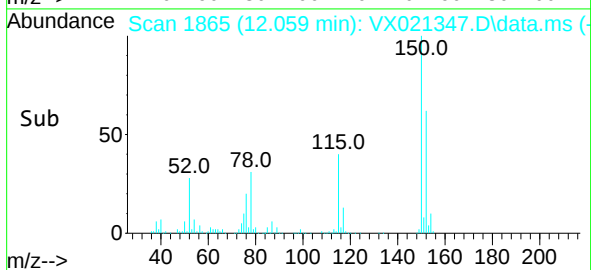
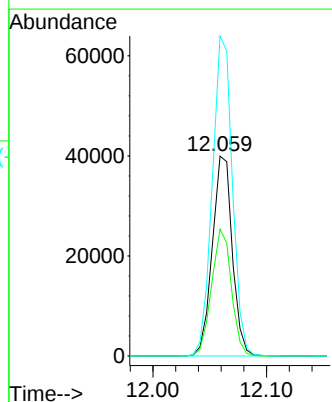
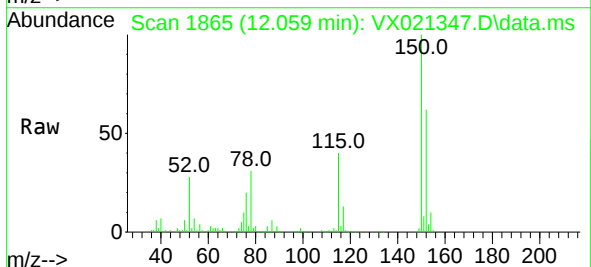
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

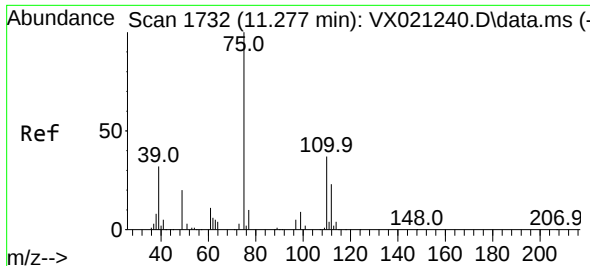
Tgt Ion:117 Resp: 117482
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Tgt Ion:152 Resp: 48929
Ion Ratio Lower Upper
152 100
115 62.6 41.1 123.3
150 160.4 0.0 349.0

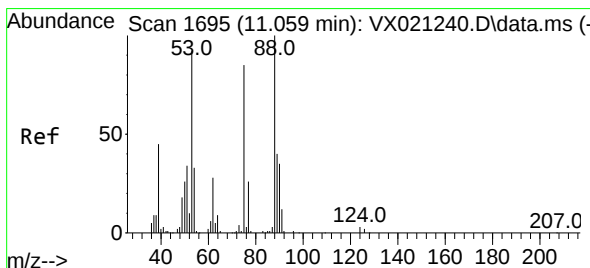
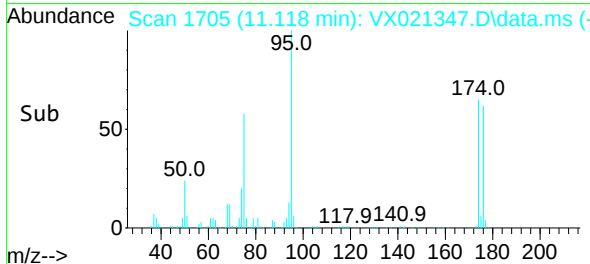
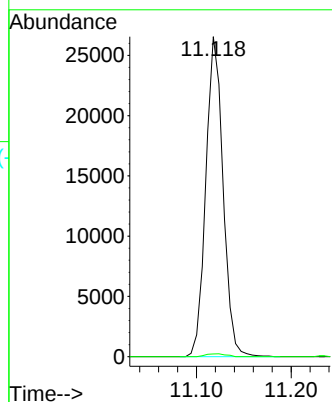
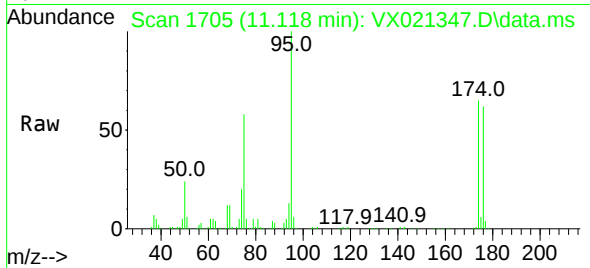




#76
1,2,3-Trichloropropane
Concen: 29.55 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

Tgt Ion: 75 Resp: 33542
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.23 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021347.D
Acq: 22 Mar 2021 10:55

Tgt Ion: 75 Resp: 33542
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

