

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021339.D
 Acq On : 20 Mar 2021 10:09
 Operator : JC/MD
 Sample : M1735-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20210317

Quant Time: Mar 22 00:53:51 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	5.629	168	82087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	135824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48311	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	66137	49.12	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.24%
35) Dibromofluoromethane	5.464	113	46918	50.76	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.52%
50) Toluene-d8	8.694	98	163034	48.62	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.24%
62) 4-Bromofluorobenzene	11.118	95	56965	43.74	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.48%

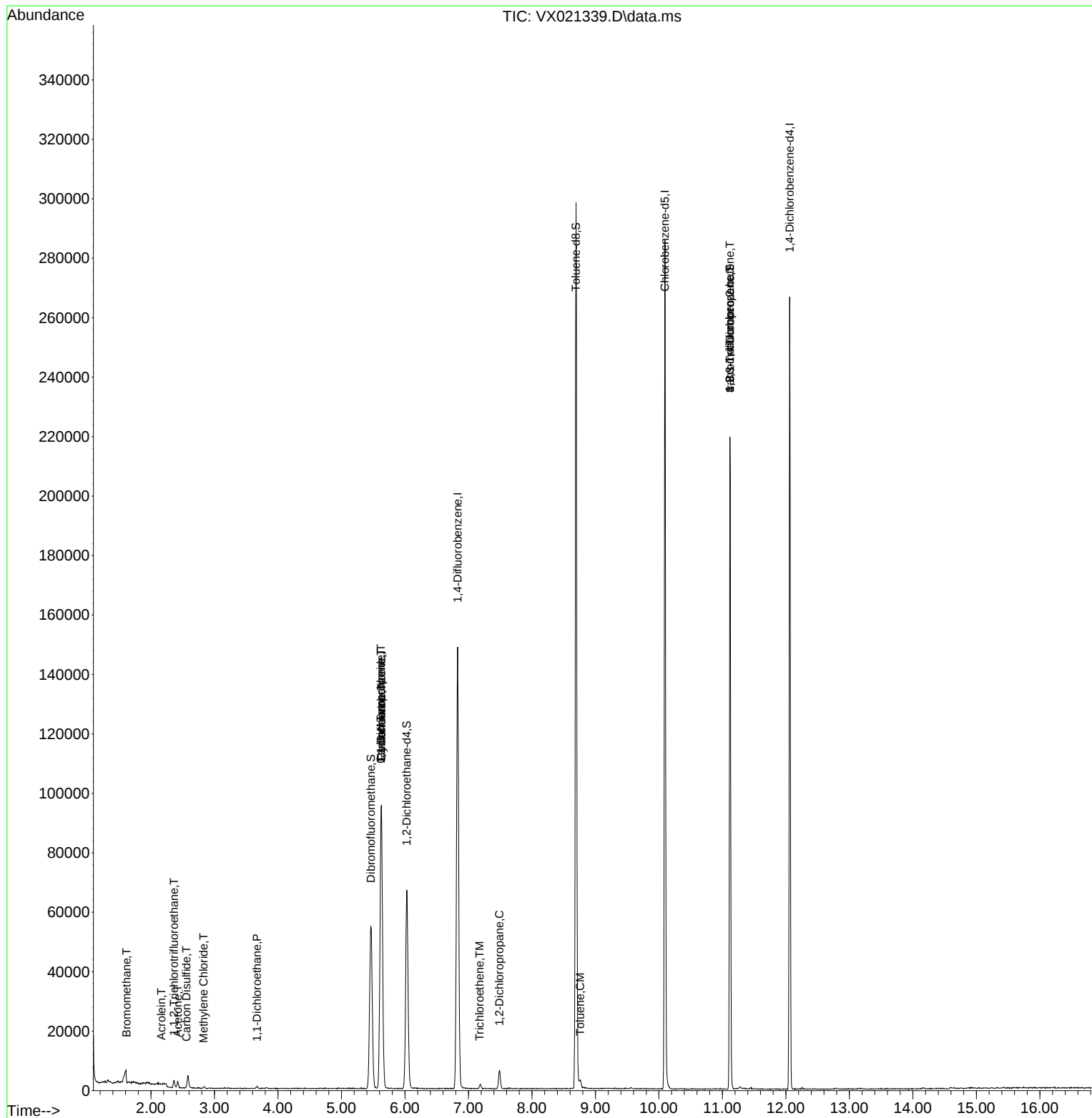
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1694	Below Cal		93
5) Bromomethane	1.617	94	170	0.39 ug/l #		2
9) 1,1,2-Trichlorotrifluo...	2.364	101	875	1.02 ug/l #		89
13) Acrolein	2.164	56	60	3.56 ug/l #		14
16) Acetone	2.423	43	2241	4.52 ug/l #		65
17) Carbon Disulfide	2.558	76	43	0.55 ug/l #		75
20) Methylene Chloride	2.828	84	234	0.23 ug/l #		82
24) 1,1-Dichloroethane	3.670	63	676	0.38 ug/l #		81
31) Cyclohexane	5.629	56	2312	1.42 ug/l #		49
36) 1,1-Dichloropropene	5.623	75	7452	5.45 ug/l #		49
38) Carbon Tetrachloride	5.623	117	9363	6.59 ug/l #		16
44) Trichloroethene	7.176	130	501	0.50 ug/l		96
45) 1,2-Dichloropropane	7.488	63	2277	2.25 ug/l		94
52) Toluene	8.759	92	546	0.23 ug/l		90
76) 1,2,3-Trichloropropane	11.118	75	32675	29.16 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	32675	79.16 ug/l #		12

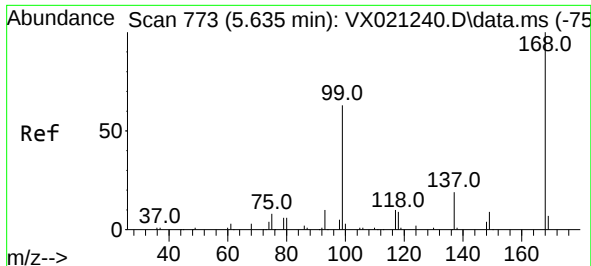
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
Data File : VX021339.D
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ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
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RE135D2-20210317

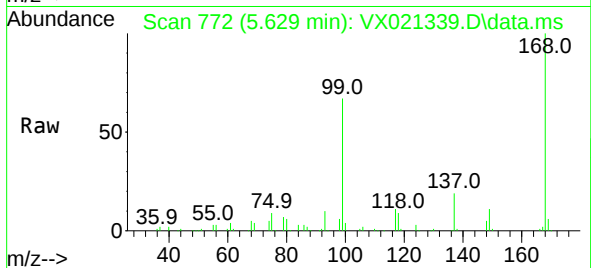
Quant Time: Mar 22 00:53:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration



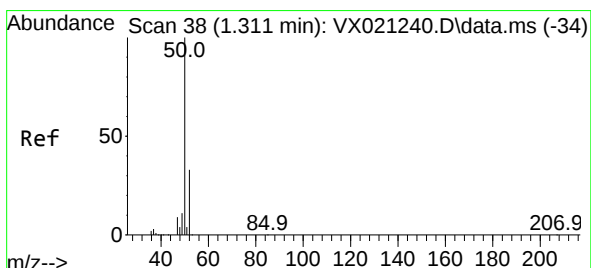
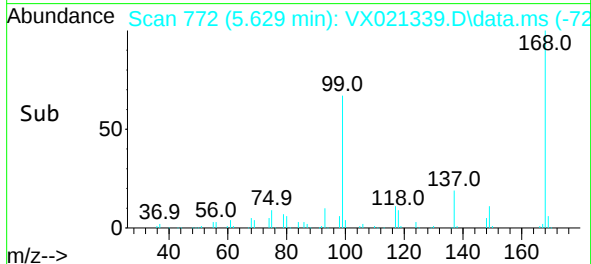
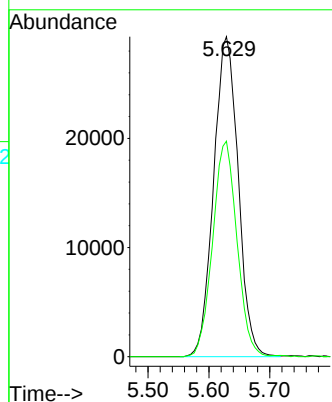


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210317

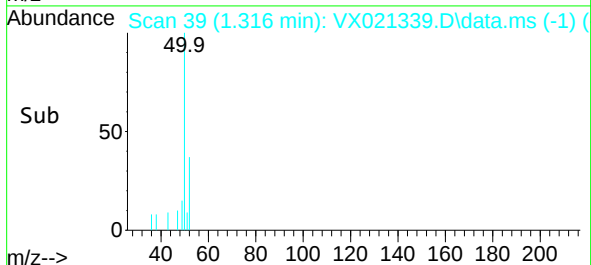
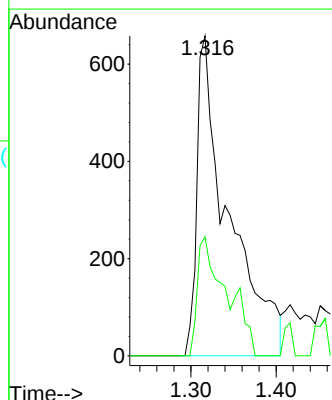
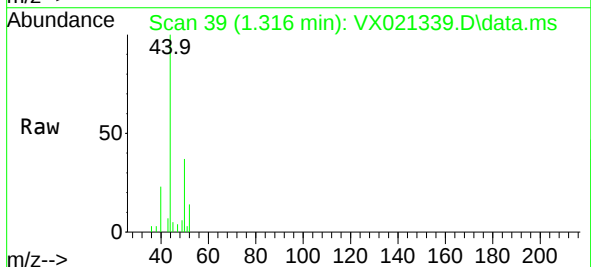


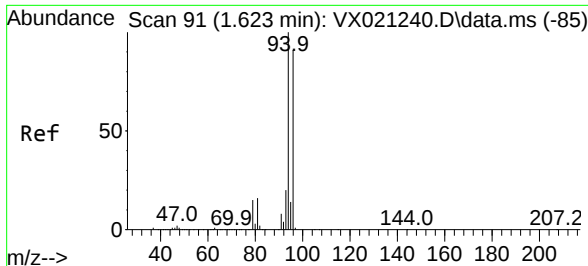
Tgt Ion:168 Resp: 82087
Ion Ratio Lower Upper
168 100
99 67.3 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

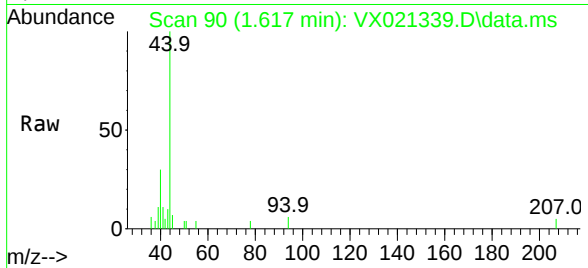
Tgt Ion: 50 Resp: 1694
Ion Ratio Lower Upper
50 100
52 37.2 26.4 39.6



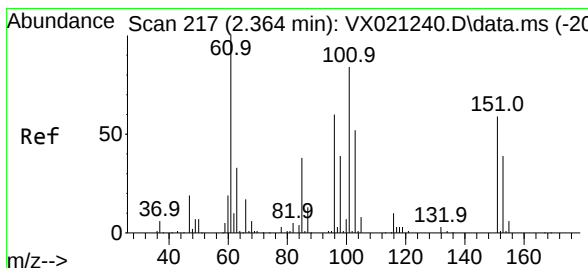
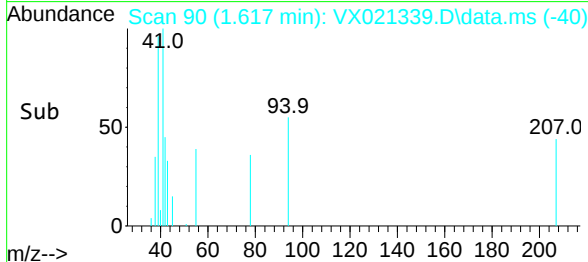
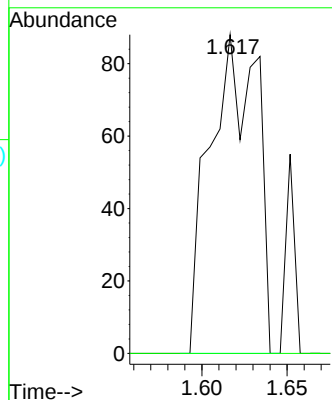


#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210317

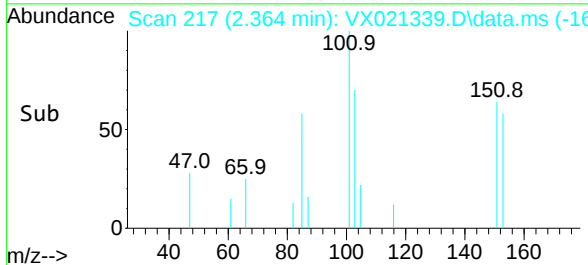
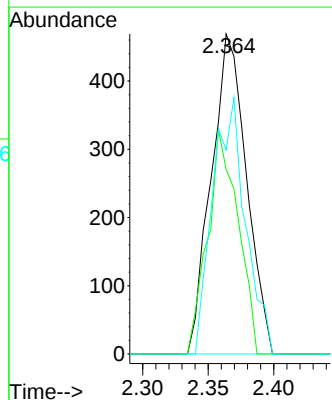
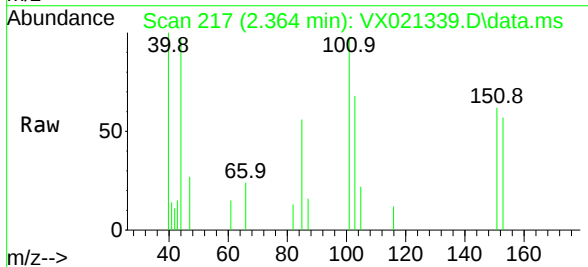


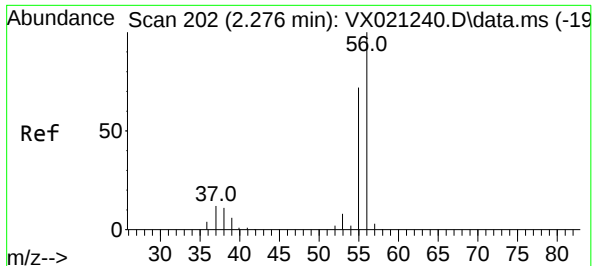
Tgt Ion: 94 Resp: 170
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.02 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Tgt Ion: 101 Resp: 875
Ion Ratio Lower Upper
101 100
85 60.3 34.9 52.3#
151 74.6 61.4 92.2

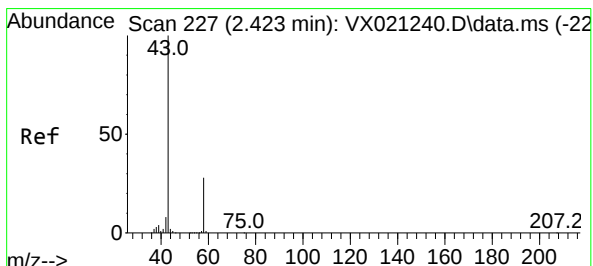
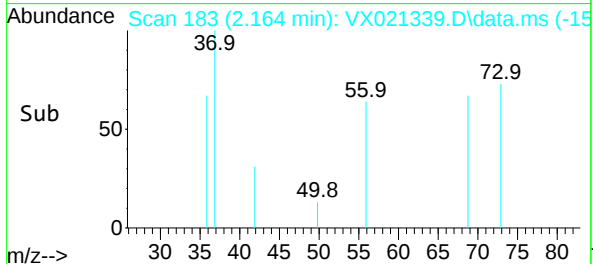
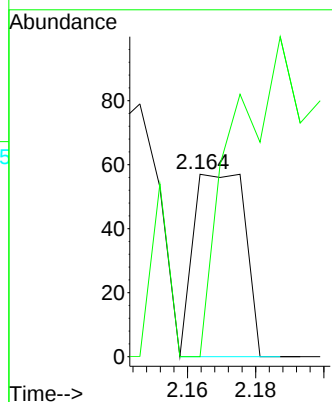
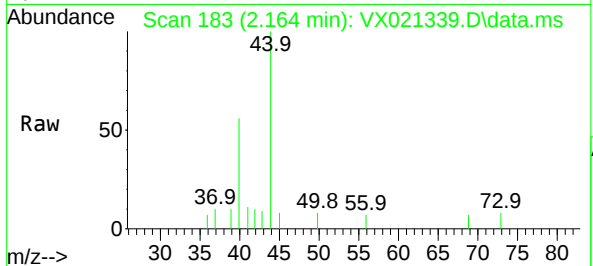




#13
Acrolein
Concen: 3.56 ug/l
RT: 2.164 min Scan# 183
Delta R.T. -0.112 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

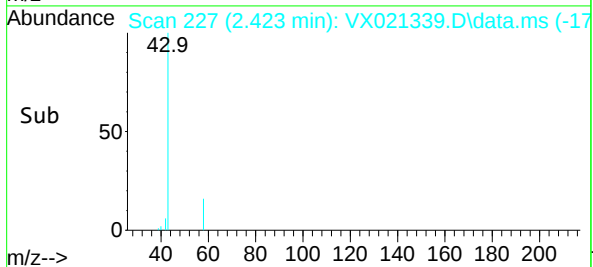
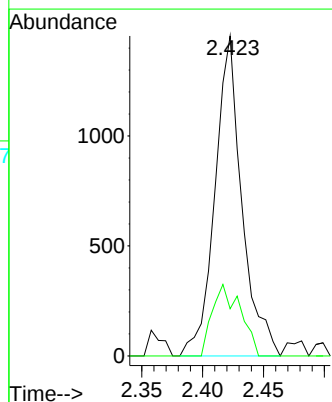
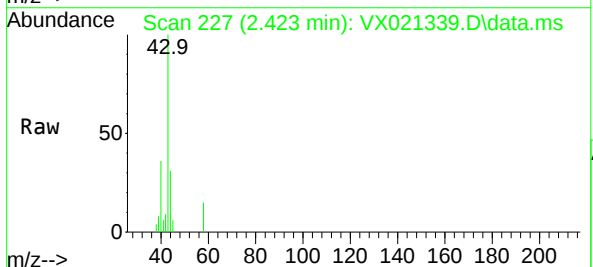
Instrument :
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ClientSampleId :
RE135D2-20210317

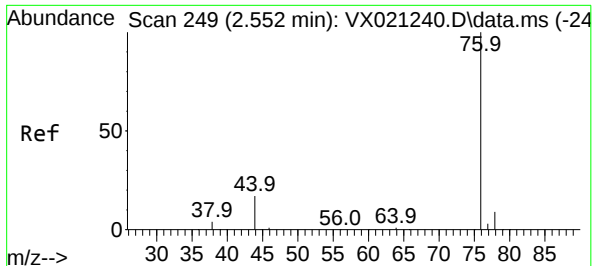
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 4.52 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Tgt Ion: 43 Resp: 2241
Ion Ratio Lower Upper
43 100
58 14.7 27.8 41.8#

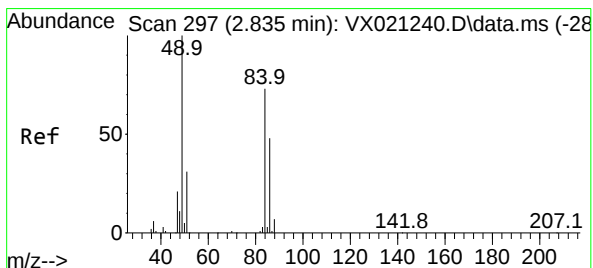
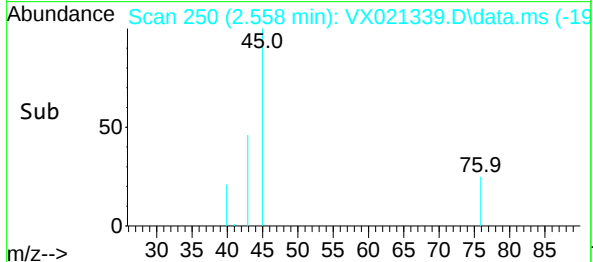
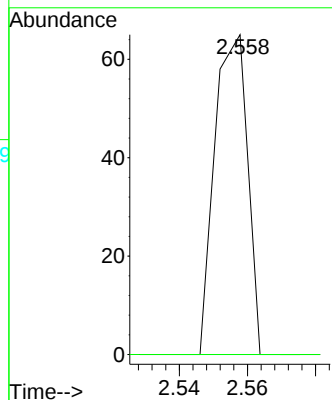
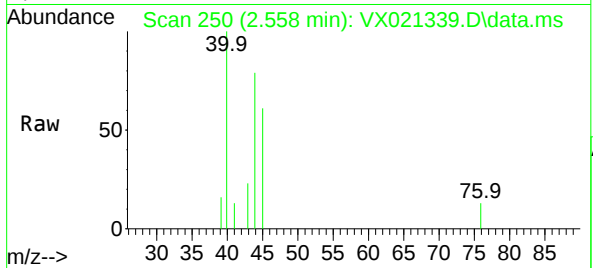




#17
Carbon Disulfide
Concen: 0.55 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

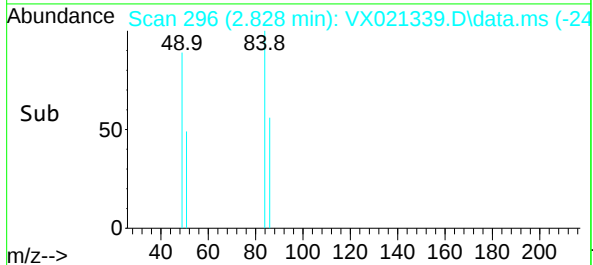
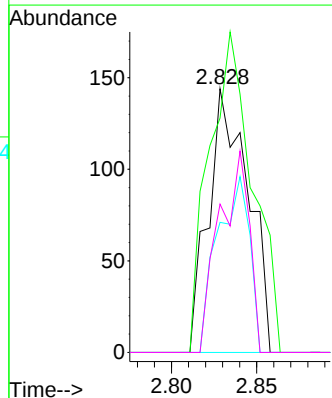
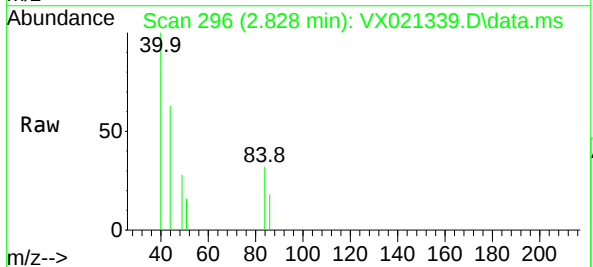
Instrument :
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ClientSampleId :
RE135D2-20210317

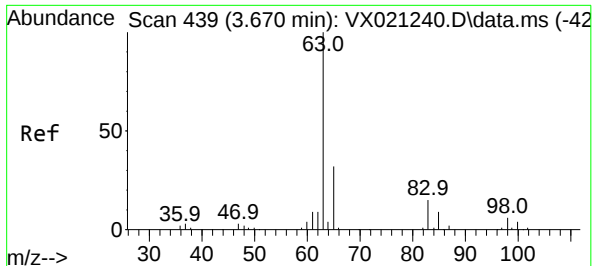
Tgt Ion: 76 Resp: 43
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.828 min Scan# 296
Delta R.T. -0.007 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Tgt Ion: 84 Resp: 234
Ion Ratio Lower Upper
84 100
49 88.9 88.6 132.8
51 49.3 27.0 40.6#
86 56.3 50.3 75.5

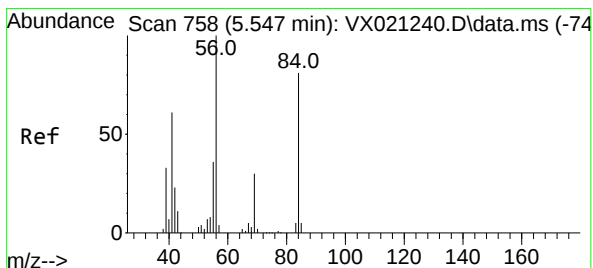
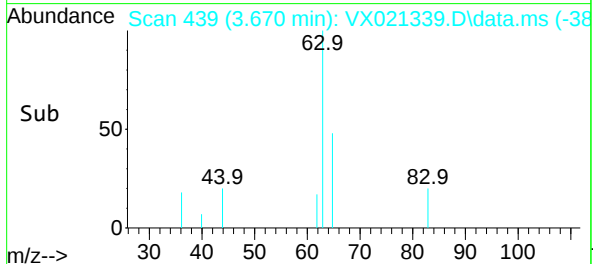
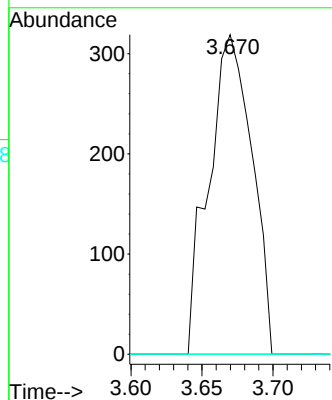
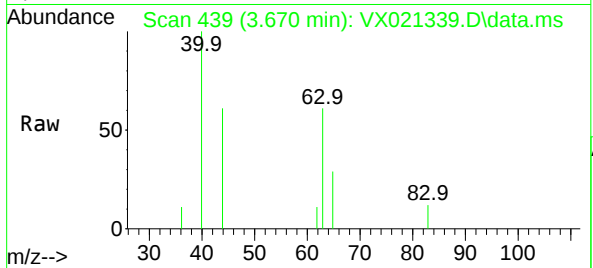




#24
1,1-Dichloroethane
Concen: 0.38 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

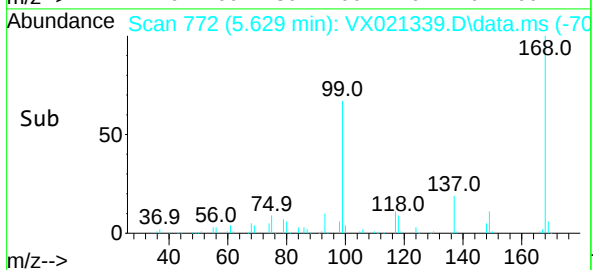
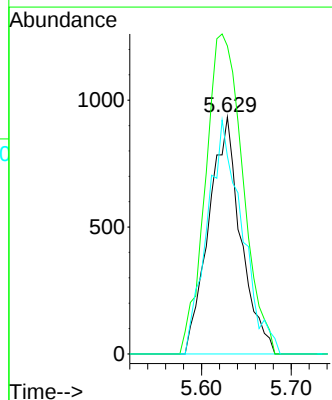
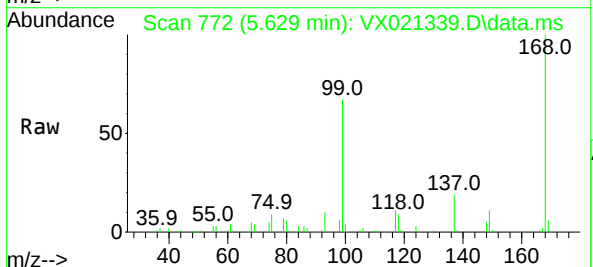
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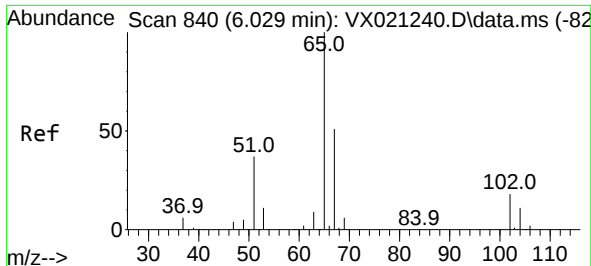
Tgt Ion: 63 Resp: 676
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Tgt Ion: 56 Resp: 2312
Ion Ratio Lower Upper
56 100
69 130.0 25.3 37.9#
84 83.4 71.4 107.0

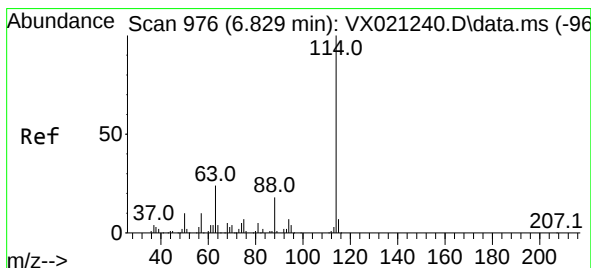
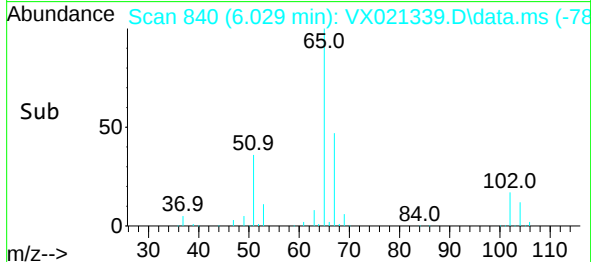
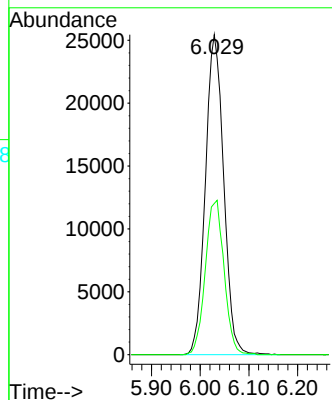
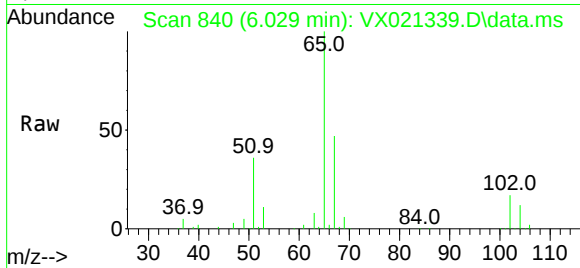




#33
 1,2-Dichloroethane-d4
 Concen: 49.12 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021339.D
 Acq: 20 Mar 2021 10:09

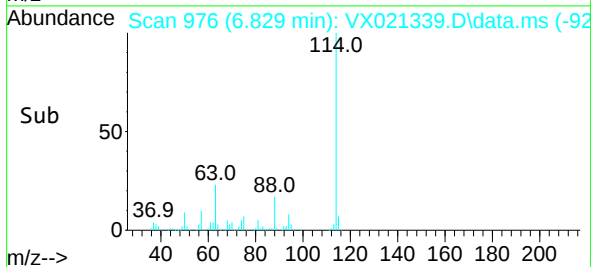
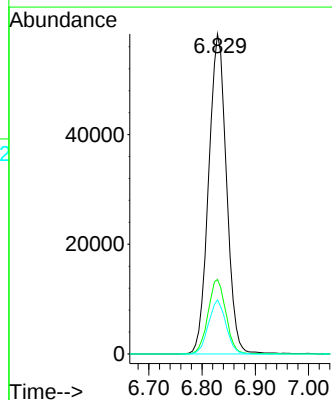
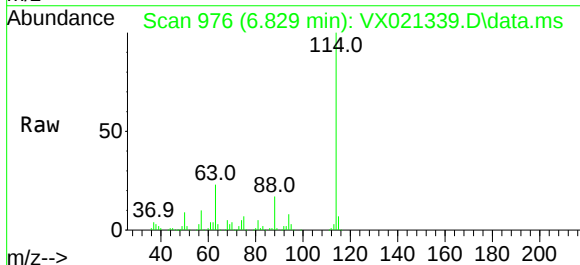
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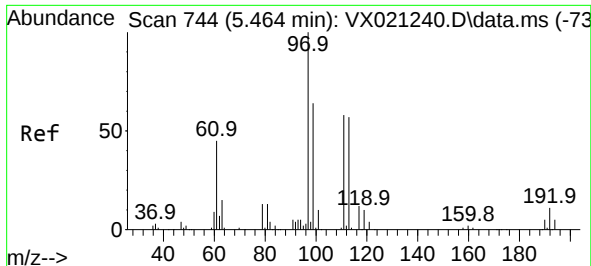
Tgt Ion: 65 Resp: 66137
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021339.D
 Acq: 20 Mar 2021 10:09

Tgt Ion: 114 Resp: 135824
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 40.8
 88 16.9 0.0 32.8

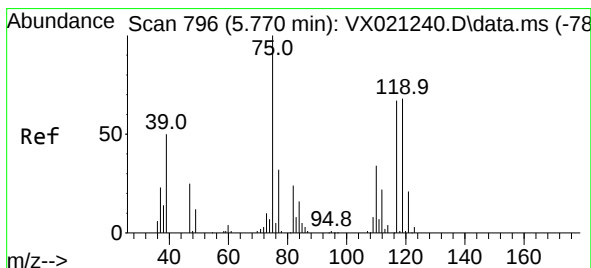
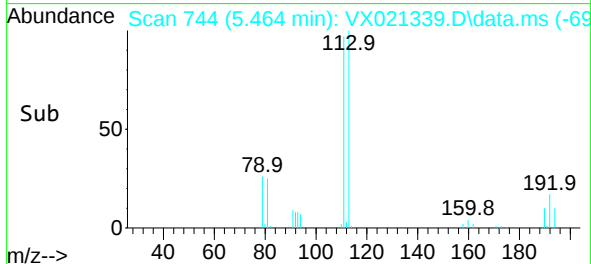
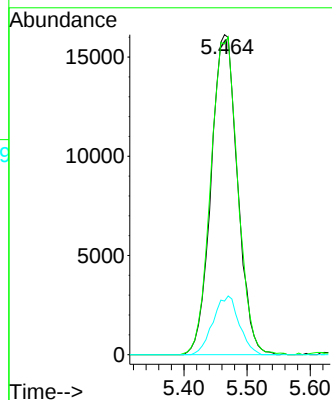
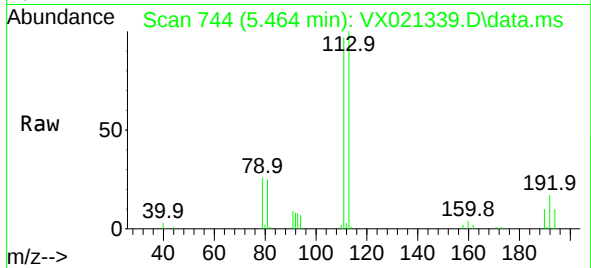




#35
Dibromofluoromethane
Concen: 50.76 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

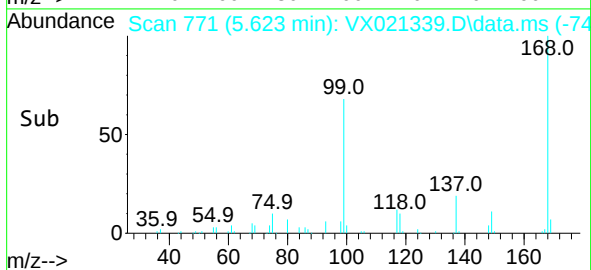
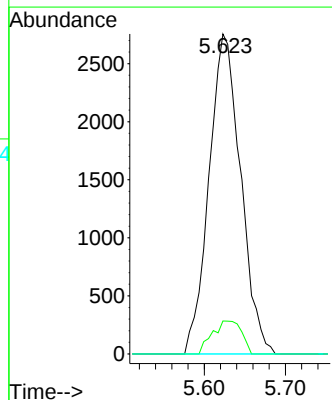
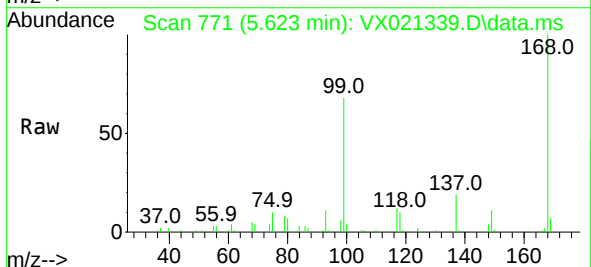
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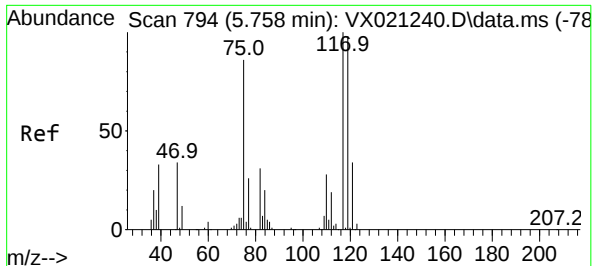
Tgt Ion:113 Resp: 46918
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 18.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.45 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

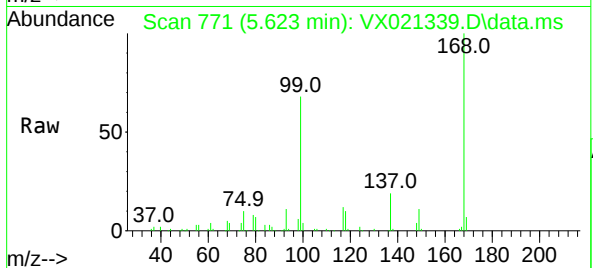
Tgt Ion: 75 Resp: 7452
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



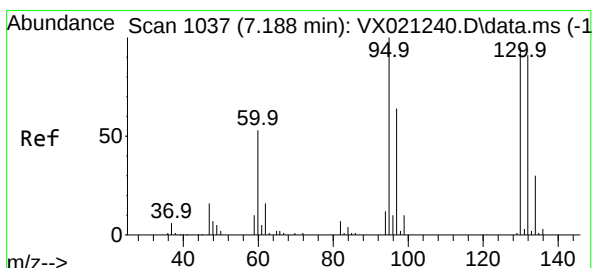
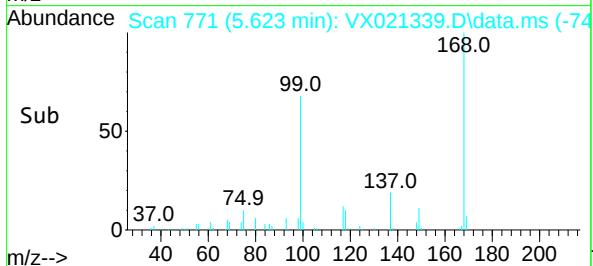
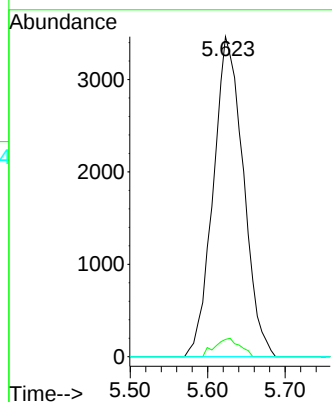


#38
Carbon Tetrachloride
Concen: 6.59 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210317

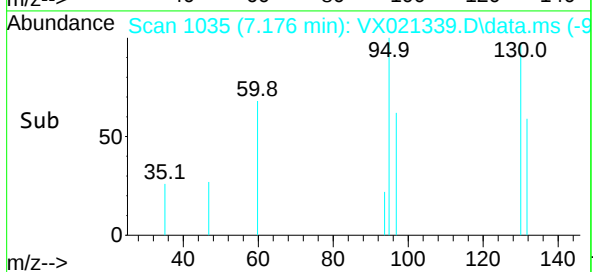
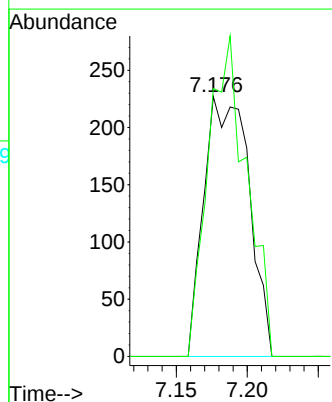
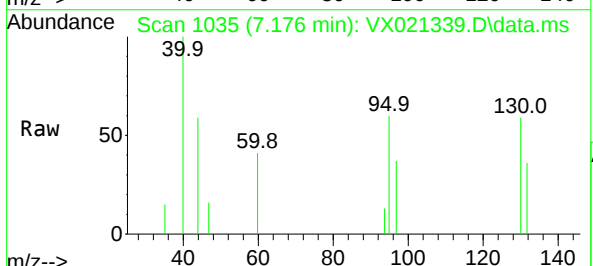


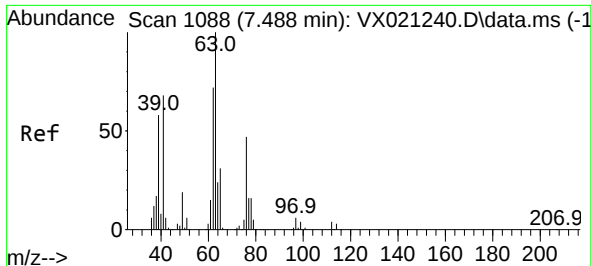
Tgt Ion:117 Resp: 9363
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.50 ug/l
RT: 7.176 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Tgt Ion:130 Resp: 501
Ion Ratio Lower Upper
130 100
95 103.1 0.0 198.0

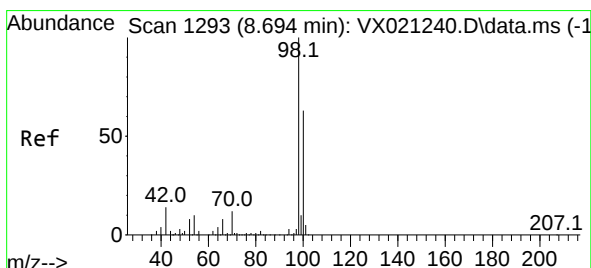
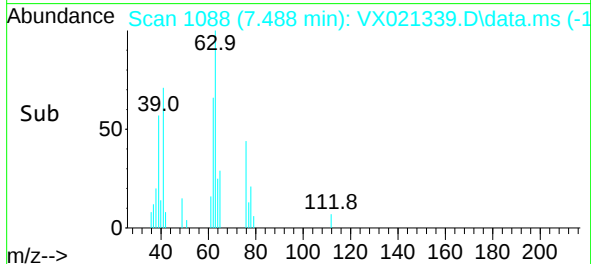
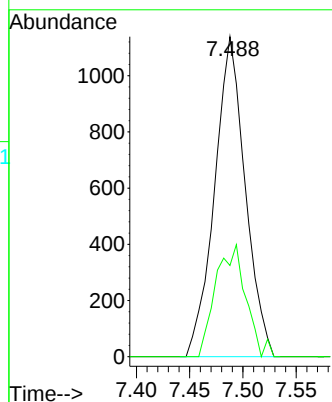
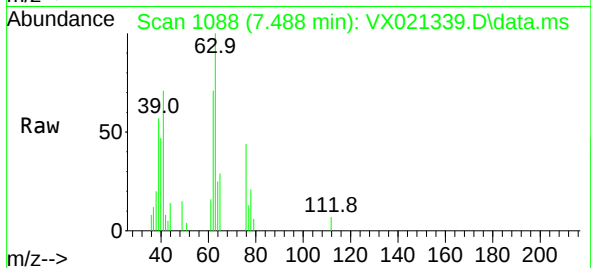




#45
1,2-Dichloropropane
Concen: 2.25 ug/l
RT: 7.488 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

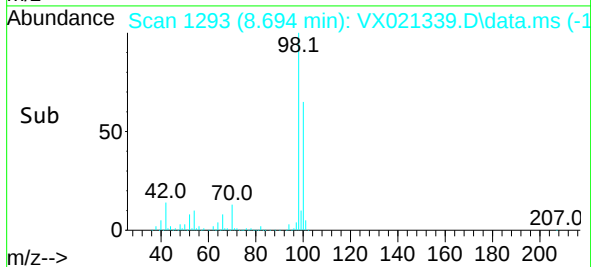
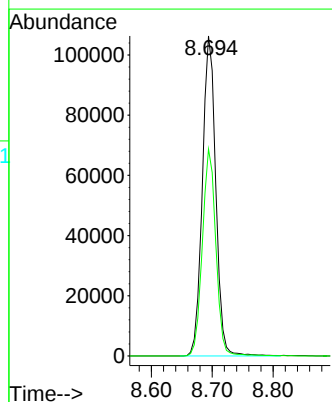
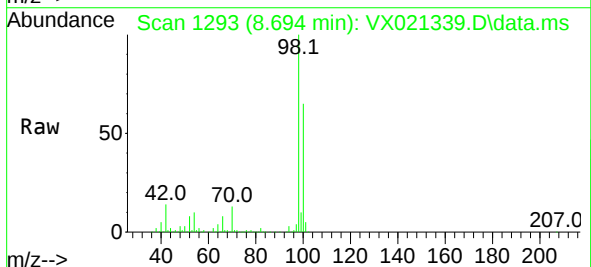
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210317

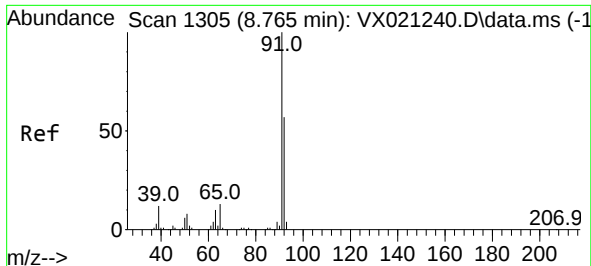
Tgt Ion: 63 Resp: 2277
Ion Ratio Lower Upper
63 100
65 28.5 25.7 38.5



#50
Toluene-d8
Concen: 48.62 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Tgt Ion: 98 Resp: 163034
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

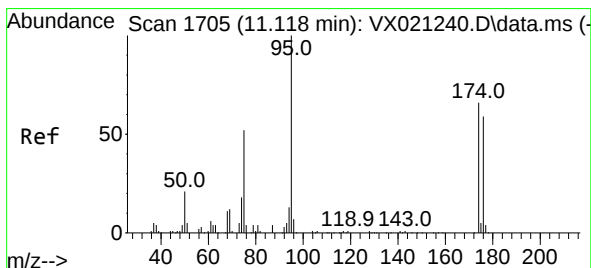
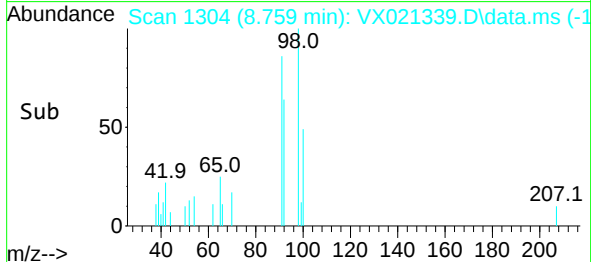
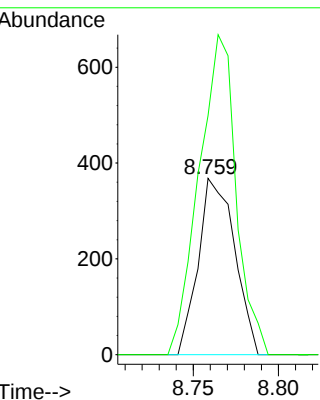
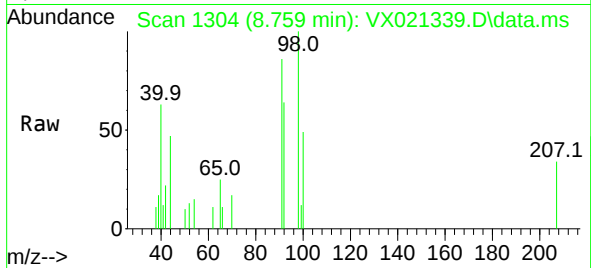




#52
Toluene
Concen: 0.23 ug/l
RT: 8.759 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

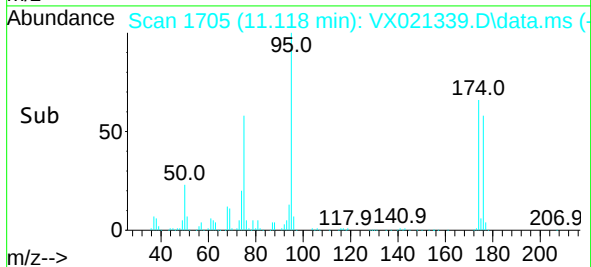
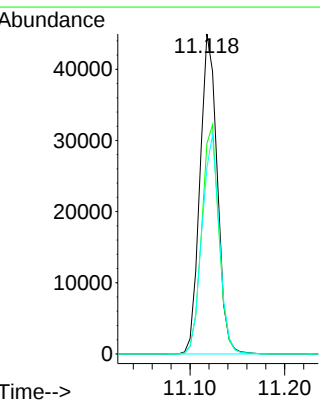
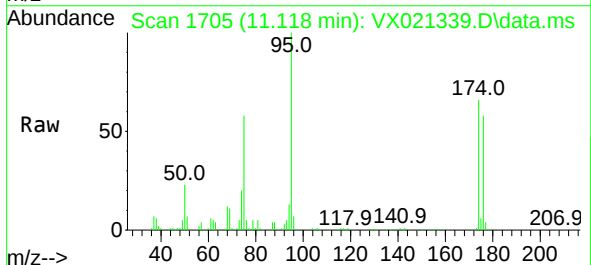
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210317

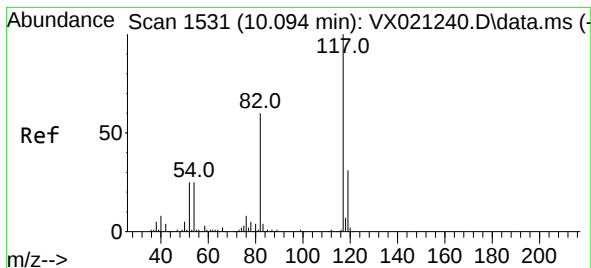
Tgt Ion: 92 Resp: 546
Ion Ratio Lower Upper
92 100
91 185.3 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 43.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Tgt Ion: 95 Resp: 56965
Ion Ratio Lower Upper
95 100
174 70.9 0.0 154.6
176 68.8 0.0 155.8

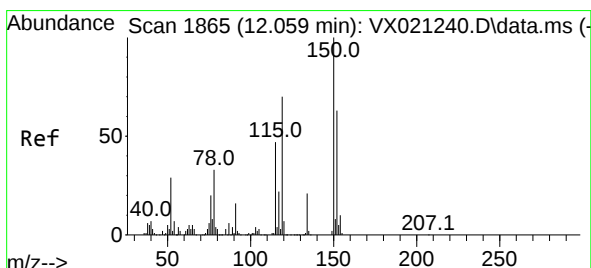
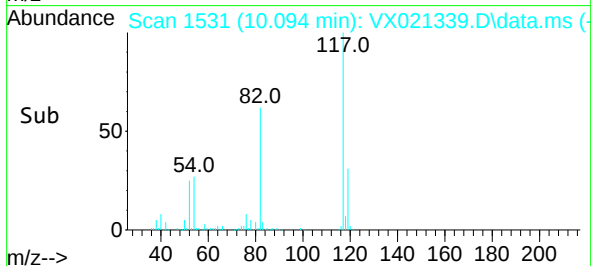
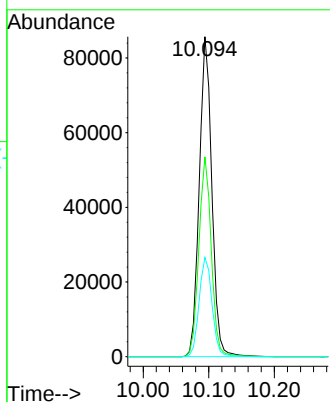
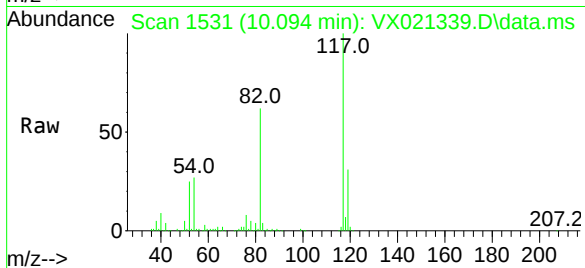




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

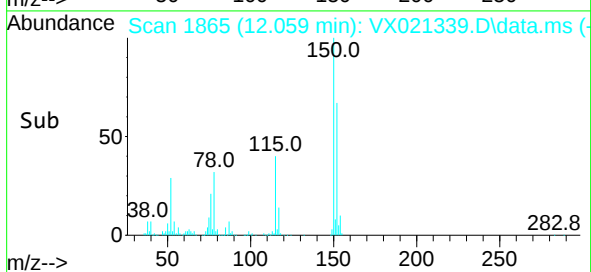
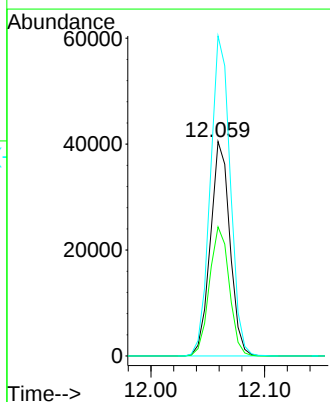
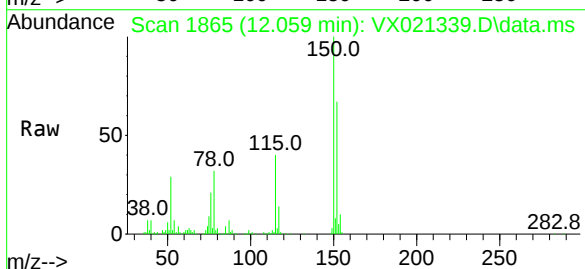
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210317

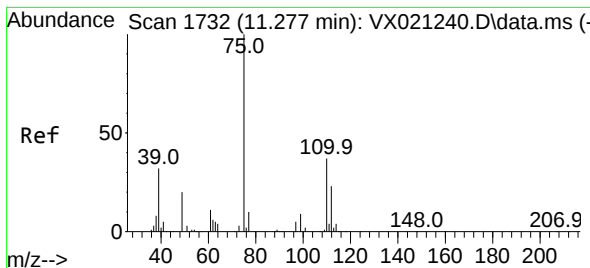
Tgt Ion:117 Resp: 114674
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Tgt Ion:152 Resp: 48311
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 152.4 0.0 349.0

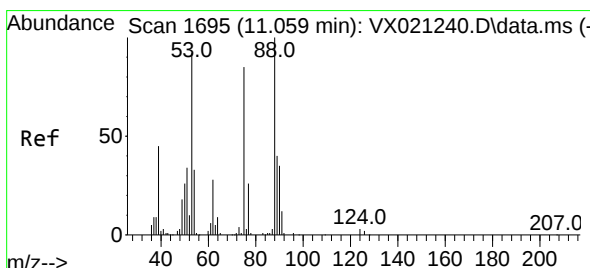
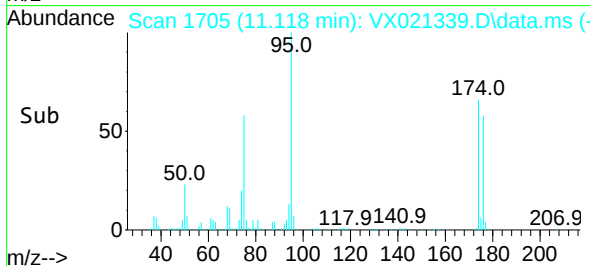
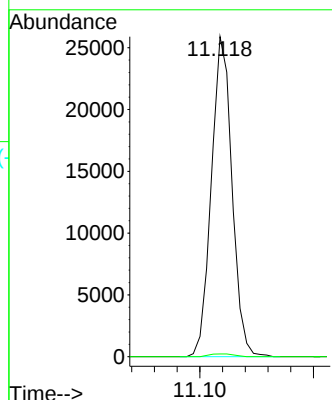
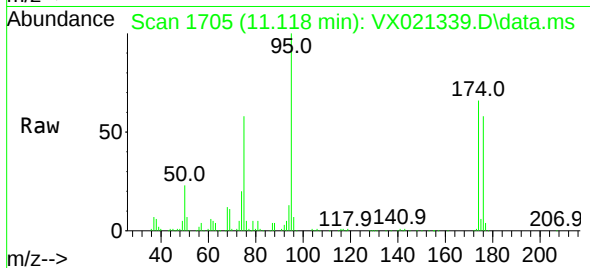




#76
1,2,3-Trichloropropane
Concen: 29.16 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20210317

Tgt Ion: 75 Resp: 32675
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.16 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021339.D
Acq: 20 Mar 2021 10:09

Tgt Ion: 75 Resp: 32675
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

