

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021340.D
 Acq On : 20 Mar 2021 10:33
 Operator : JC/MD
 Sample : M1735-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20210317

Quant Time: Mar 22 00:54:08 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)

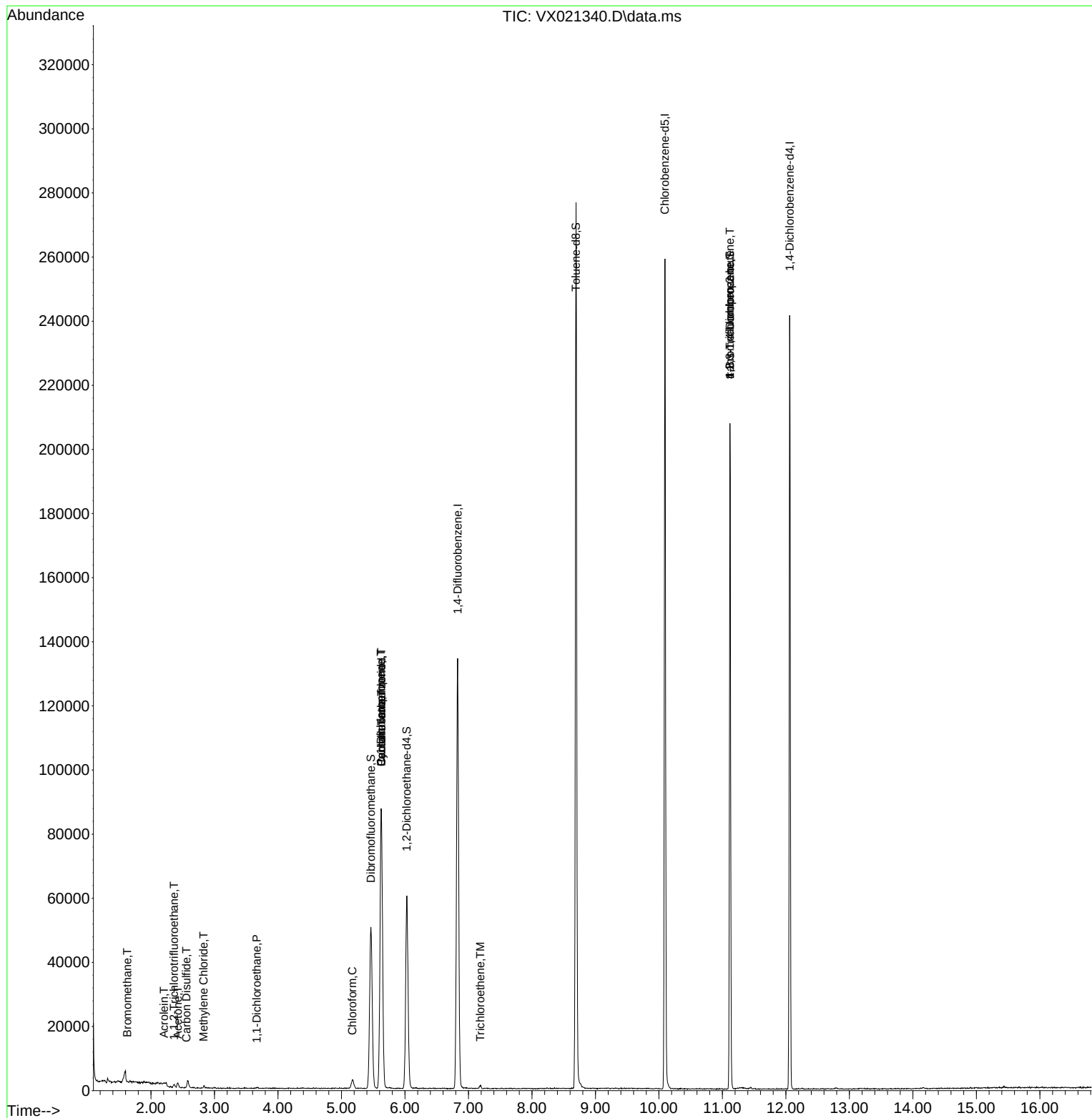
Internal Standards						
1) Pentafluorobenzene	5.629	168	75672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	121705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	107729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	43955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	58264	46.94	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.88%
35) Dibromofluoromethane	5.464	113	40990	49.49	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.98%
50) Toluene-d8	8.694	98	151354	50.37	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.74%
62) 4-Bromofluorobenzene	11.118	95	52749	45.20	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.40%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1842	Below Cal		97
5) Bromomethane	1.628	94	108	0.27 ug/l #		72
9) 1,1,2-Trichlorotrifluo...	2.364	101	377	0.48 ug/l		90
13) Acrolein	2.205	56	42	3.46 ug/l #		1
16) Acetone	2.423	43	1650	3.61 ug/l #		80
17) Carbon Disulfide	2.558	76	71	0.57 ug/l #		75
20) Methylene Chloride	2.828	84	320	0.34 ug/l		91
24) 1,1-Dichloroethane	3.664	63	433	0.26 ug/l #		81
30) Chloroform	5.170	83	2828	1.65 ug/l		94
31) Cyclohexane	5.629	56	2104	1.40 ug/l #		31
36) 1,1-Dichloropropene	5.623	75	6879	5.61 ug/l #		49
38) Carbon Tetrachloride	5.629	117	8087	6.35 ug/l #		17
44) Trichloroethene	7.188	130	233	0.26 ug/l		98
76) 1,2,3-Trichloropropane	11.118	75	29861	29.29 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	29861	79.51 ug/l #		12

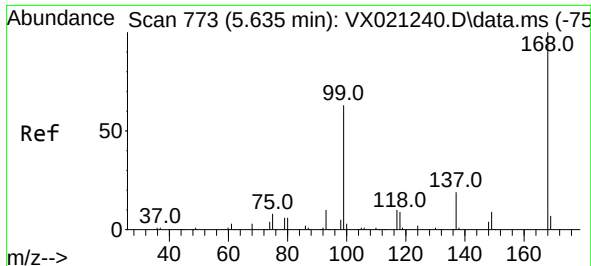
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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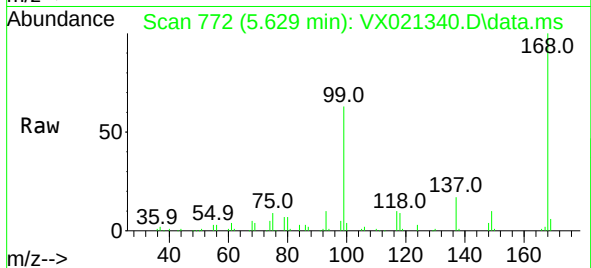
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
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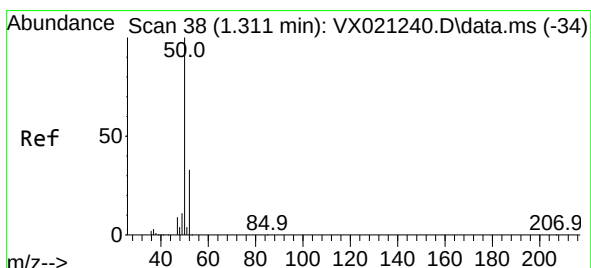
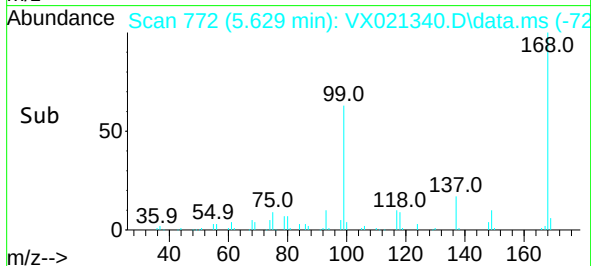
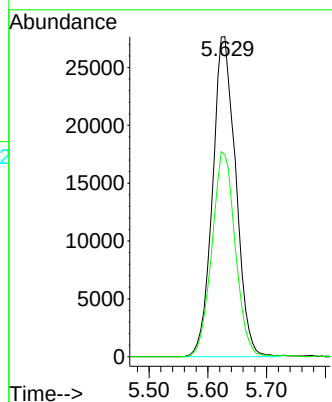


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210317

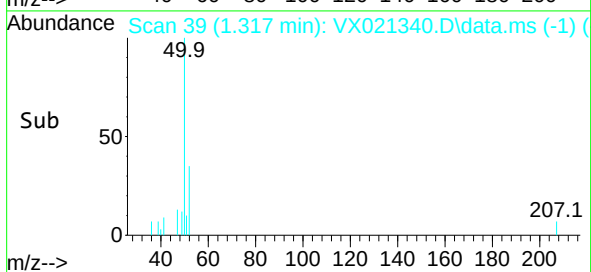
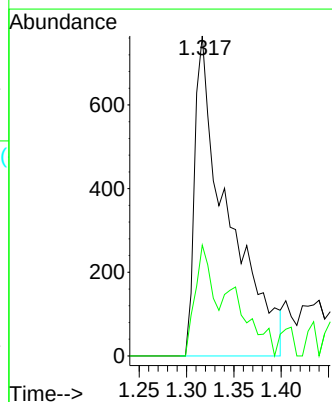
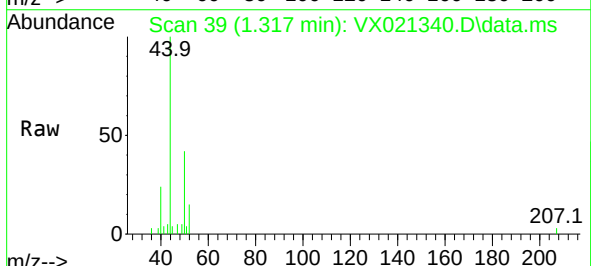


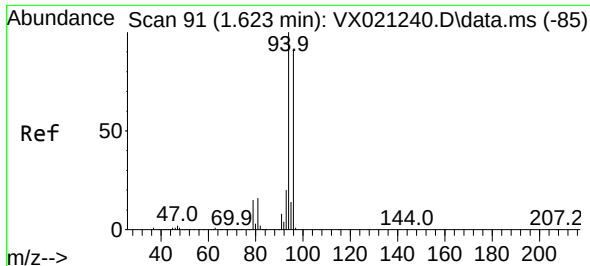
Tgt Ion:168 Resp: 75672
Ion Ratio Lower Upper
168 100
99 63.2 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

Tgt Ion: 50 Resp: 1842
Ion Ratio Lower Upper
50 100
52 34.6 26.4 39.6

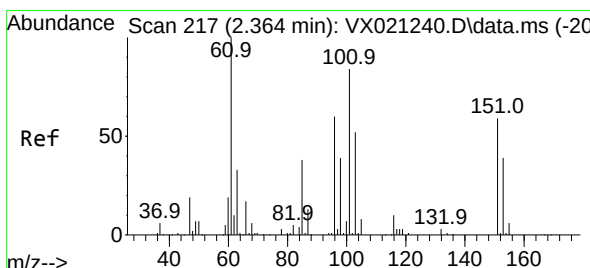
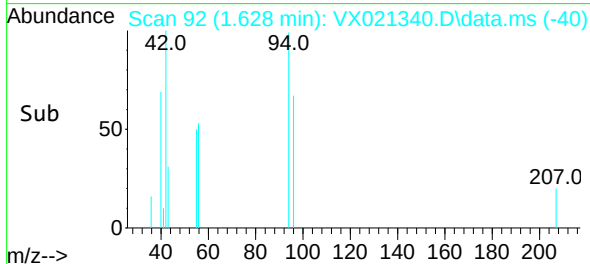
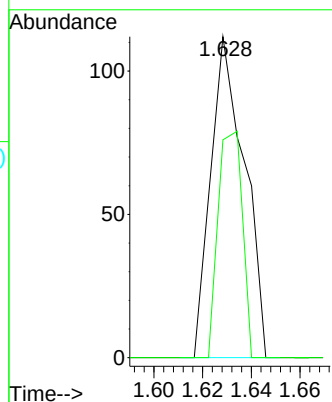
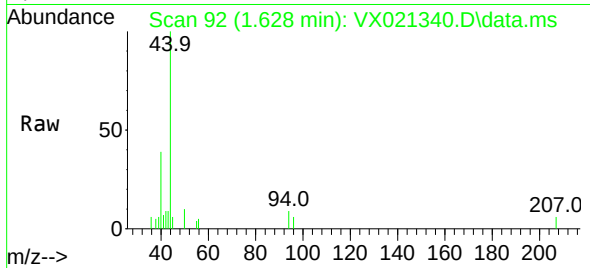




#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

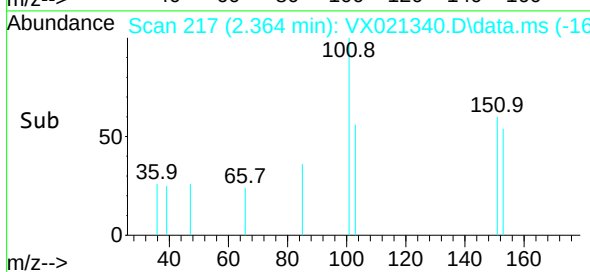
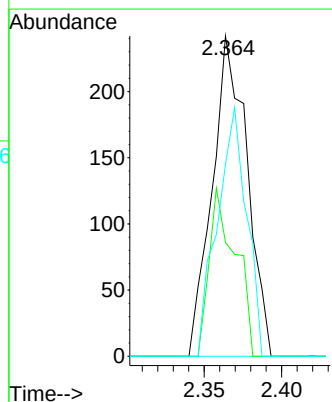
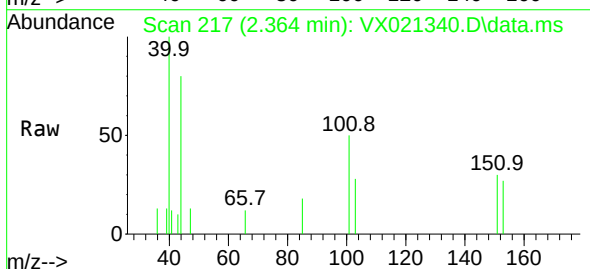
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210317

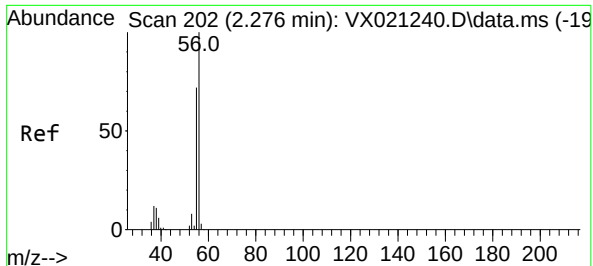
Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 67.9 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.48 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

Tgt Ion: 101 Resp: 377
Ion Ratio Lower Upper
101 100
85 39.8 34.9 52.3
151 65.5 61.4 92.2

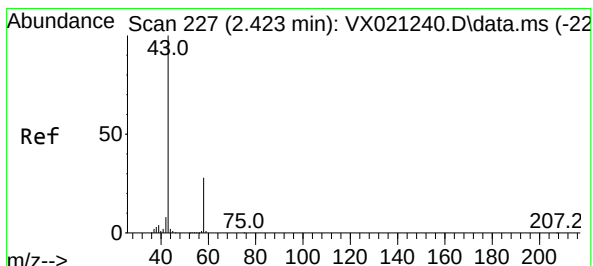
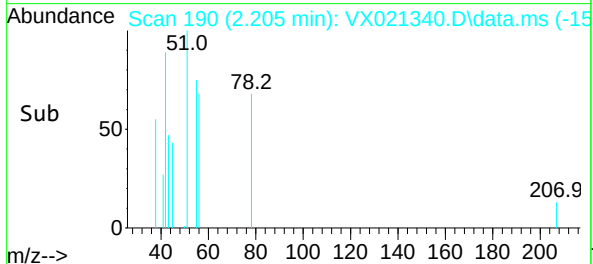
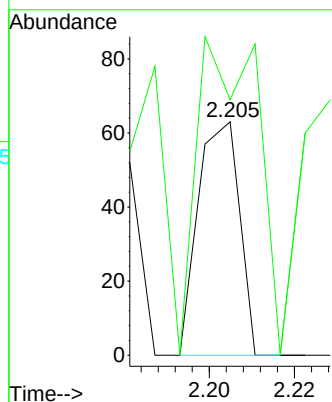
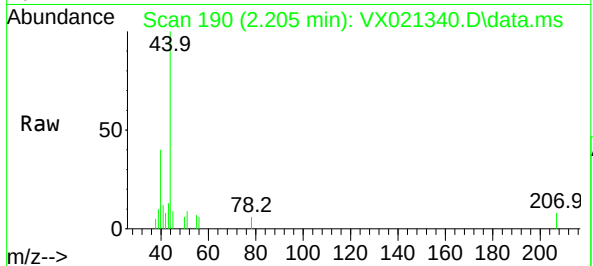




#13
Acrolein
Concen: 3.46 ug/l
RT: 2.205 min Scan# 190
Delta R.T. -0.071 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

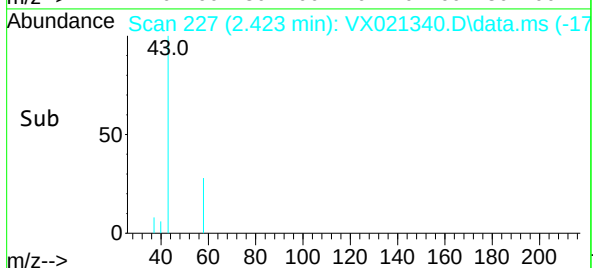
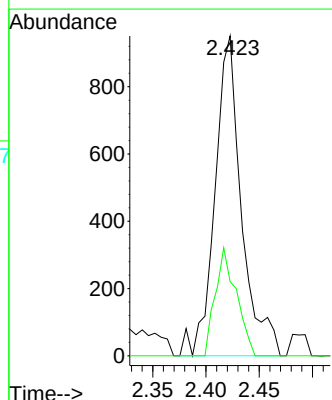
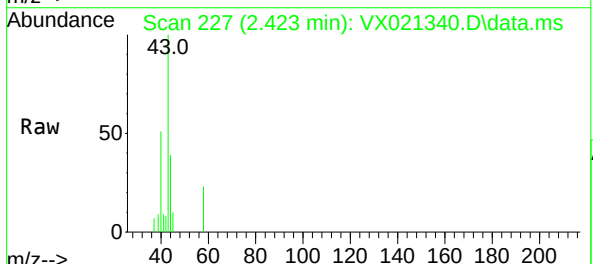
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210317

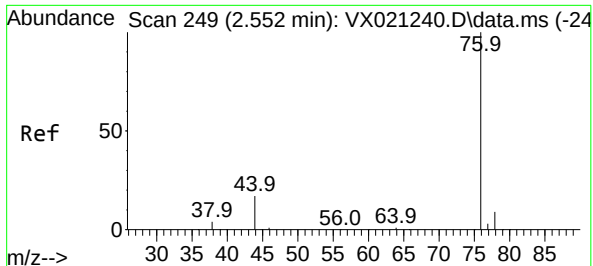
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 200.0 56.4 84.6#



#16
Acetone
Concen: 3.61 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
58 23.2 27.8 41.8#

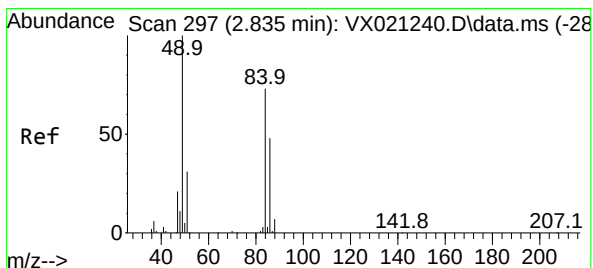
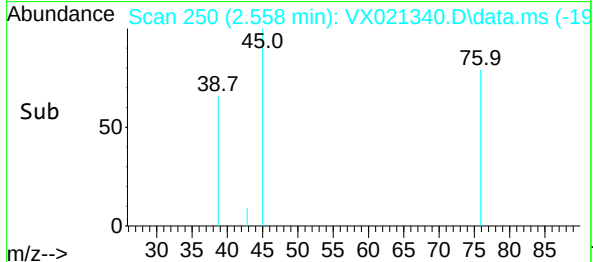
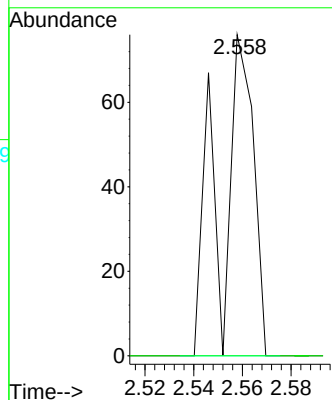
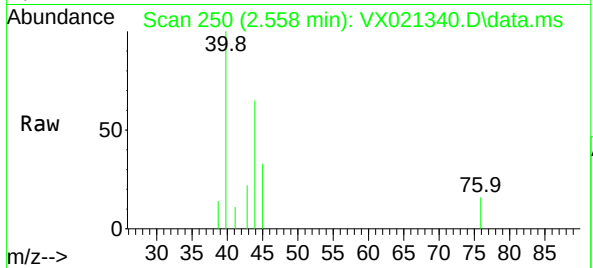




#17
Carbon Disulfide
Concen: 0.57 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

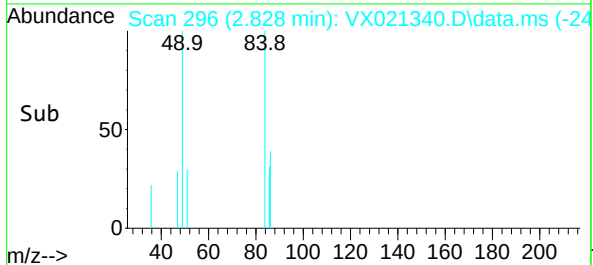
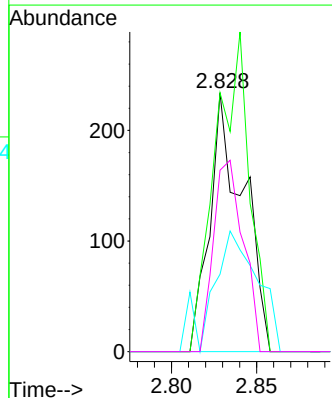
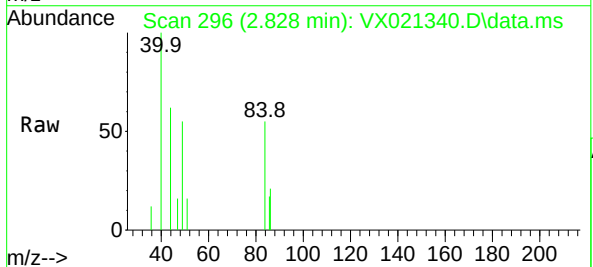
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210317

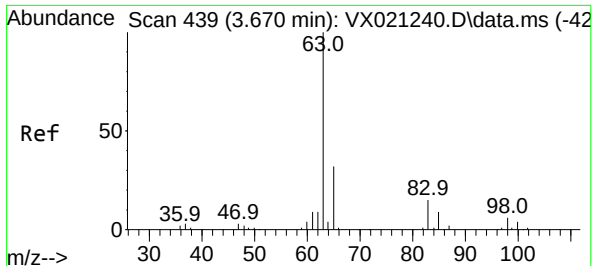
Tgt Ion: 76 Resp: 71
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.828 min Scan# 296
Delta R.T. -0.007 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

Tgt Ion: 84 Resp: 320
Ion Ratio Lower Upper
84 100
49 100.0 88.6 132.8
51 29.9 27.0 40.6
86 70.1 50.3 75.5

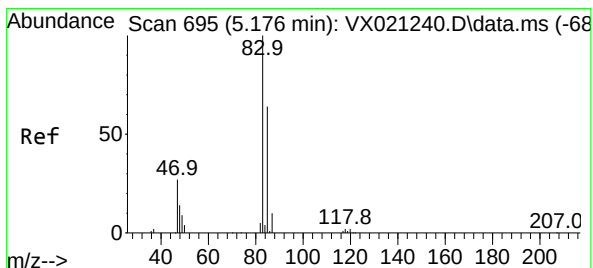
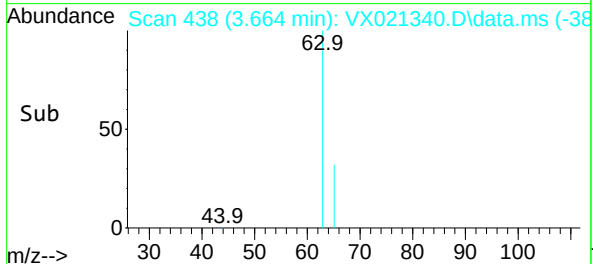
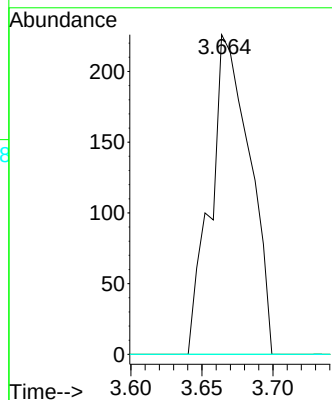
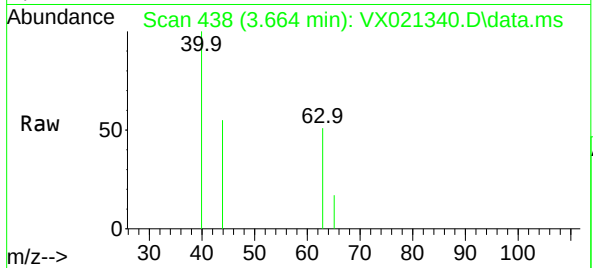




#24
1,1-Dichloroethane
Concen: 0.26 ug/l
RT: 3.664 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

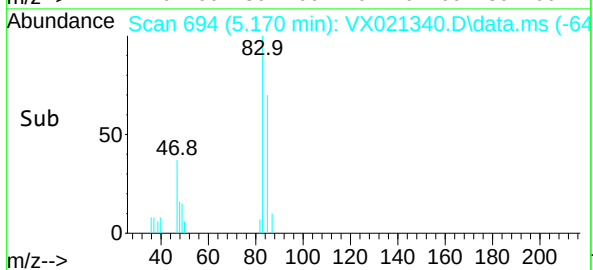
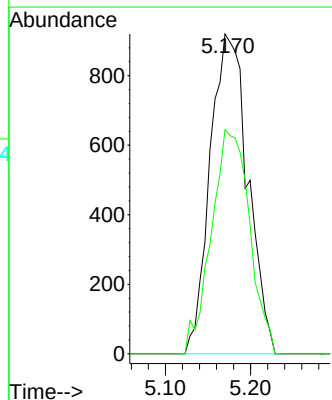
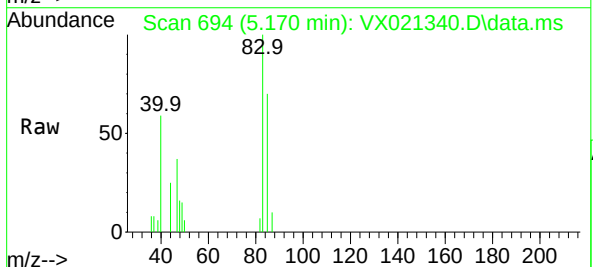
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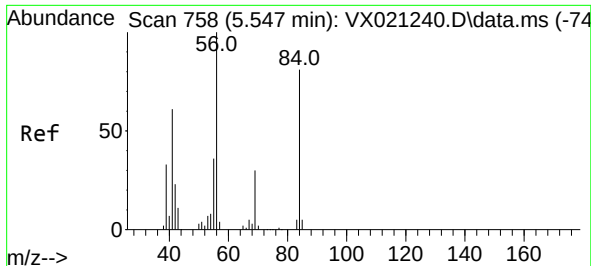
Tgt Ion: 63 Resp: 433
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#30
Chloroform
Concen: 1.65 ug/l
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

Tgt Ion: 83 Resp: 2828
Ion Ratio Lower Upper
83 100
85 70.1 52.0 78.0

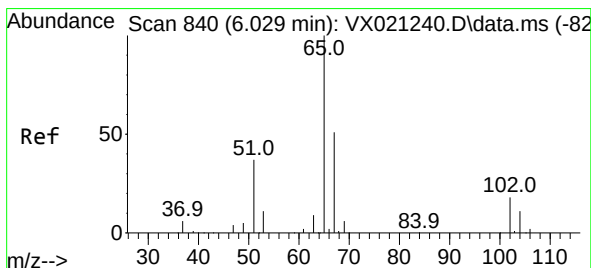
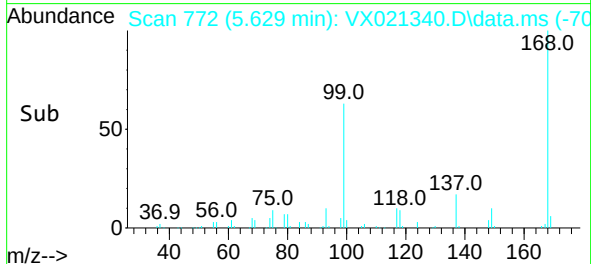
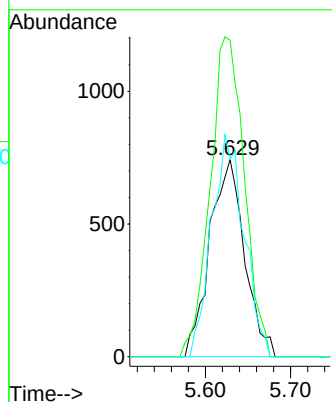
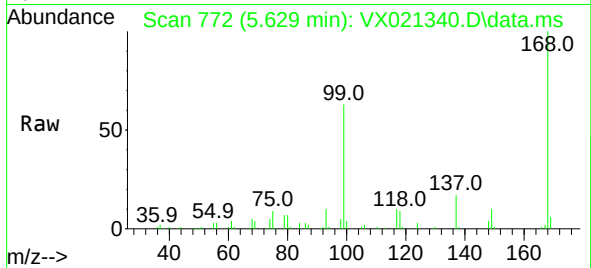




#31
Cyclohexane
Concen: 1.40 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

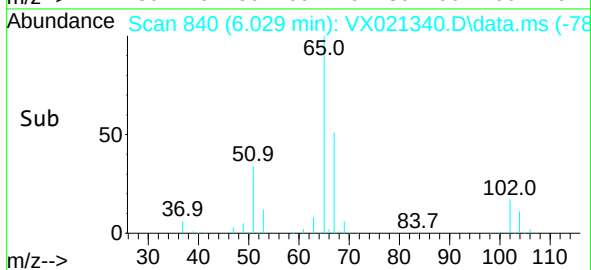
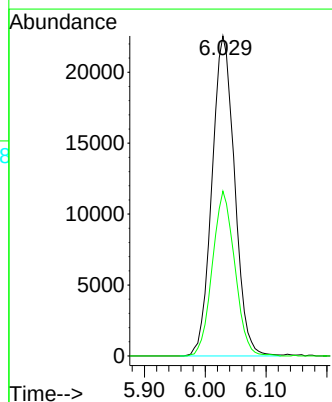
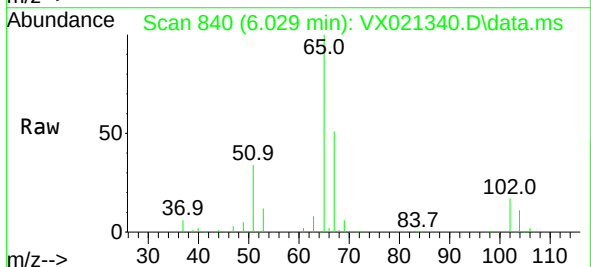
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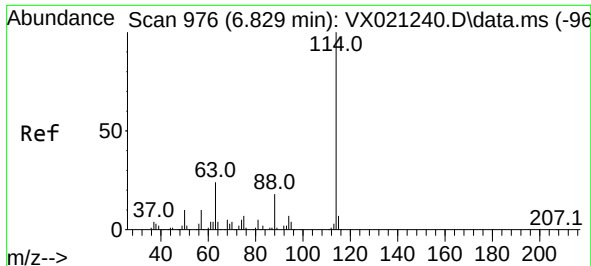
Tgt Ion: 56 Resp: 2104
Ion Ratio Lower Upper
56 100
69 160.6 25.3 37.9#
84 100.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 46.94 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

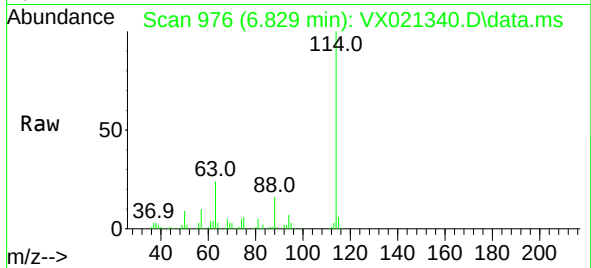
Tgt Ion: 65 Resp: 58264
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4



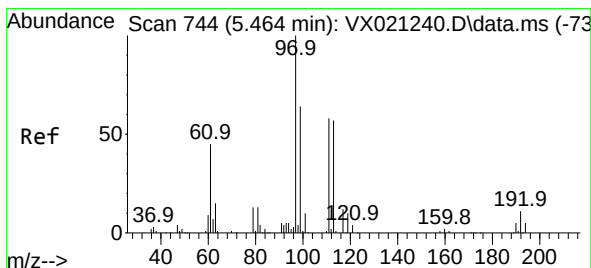
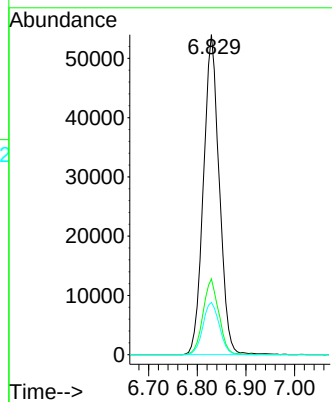
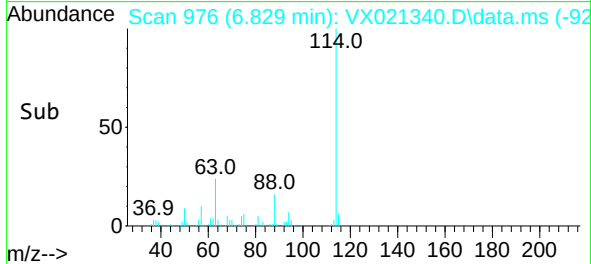


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

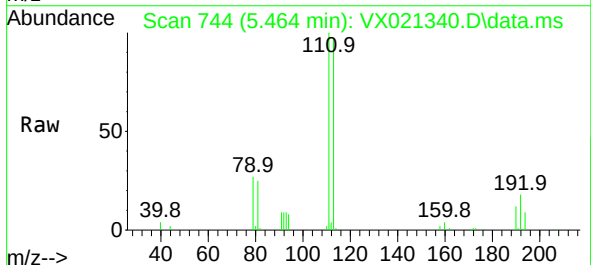
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210317



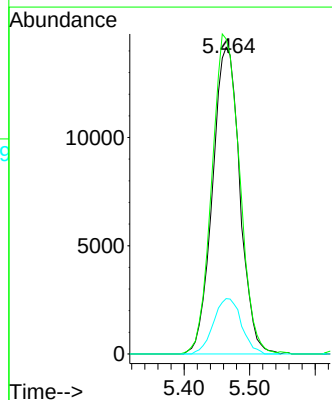
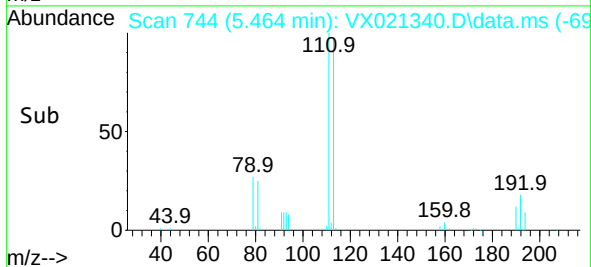
Tgt Ion:114 Resp: 121705
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 16.3 0.0 32.8

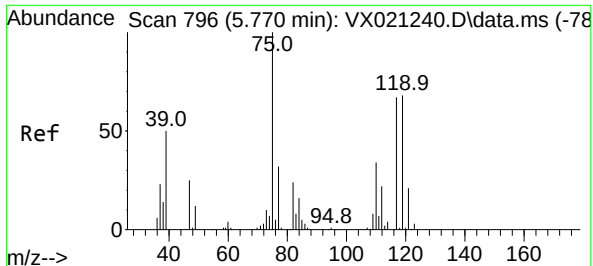


#35
Dibromofluoromethane
Concen: 49.49 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33



Tgt Ion:113 Resp: 40990
Ion Ratio Lower Upper
113 100
111 105.8 81.9 122.9
192 18.4 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.61 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.147 min

Lab File: VX021340.D

Acq: 20 Mar 2021 10:33

Tgt Ion: 75 Resp: 6879

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

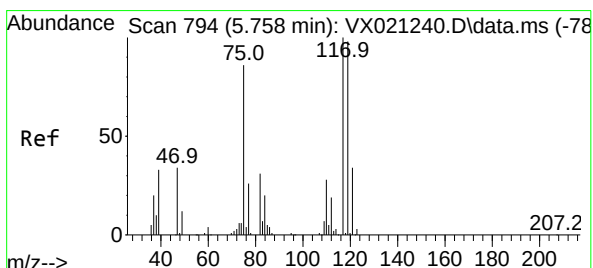
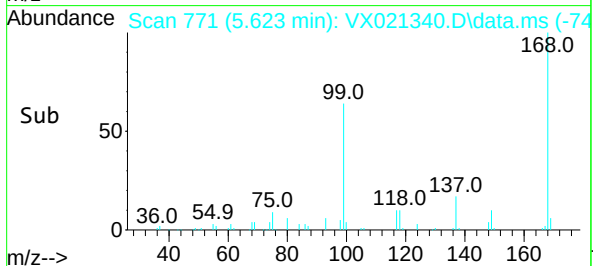
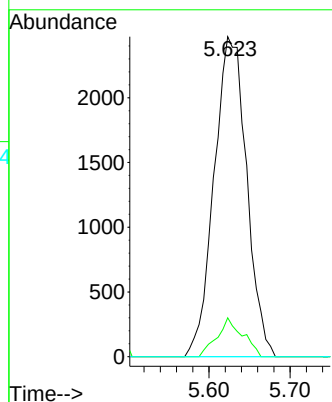
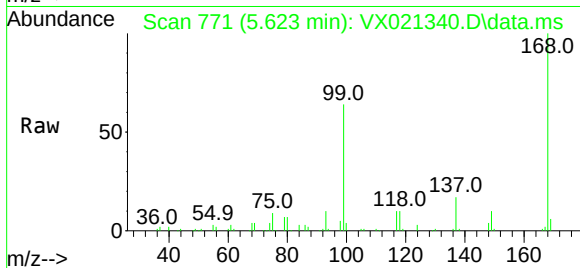
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE135D1-20210317



#38

Carbon Tetrachloride

Concen: 6.35 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.129 min

Lab File: VX021340.D

Acq: 20 Mar 2021 10:33

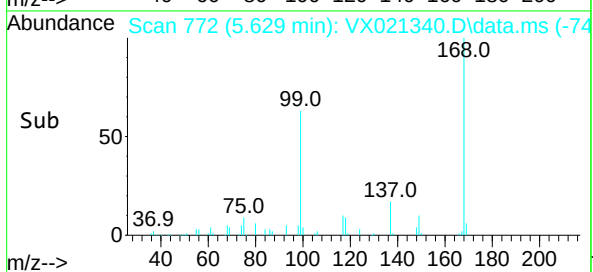
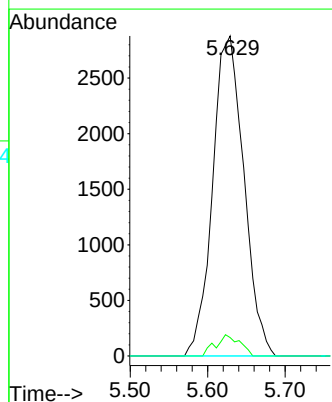
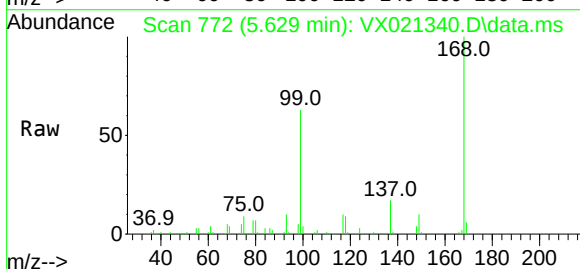
Tgt Ion: 117 Resp: 8087

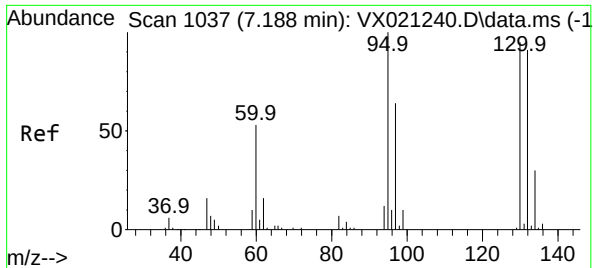
Ion Ratio Lower Upper

117 100

119 5.8 76.2 114.2#

121 0.0 24.8 37.2#

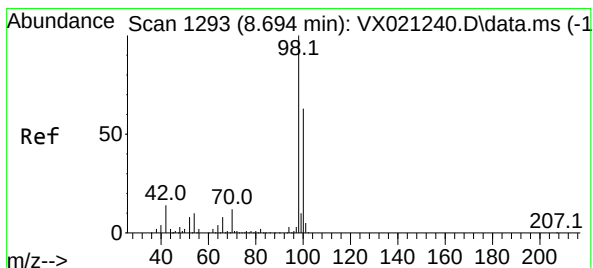
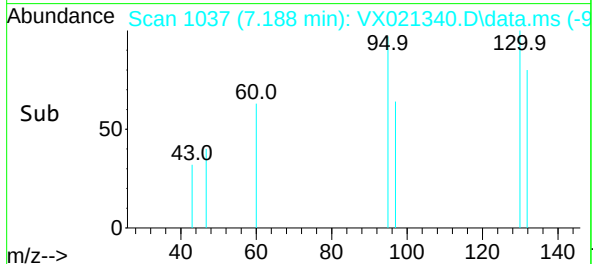
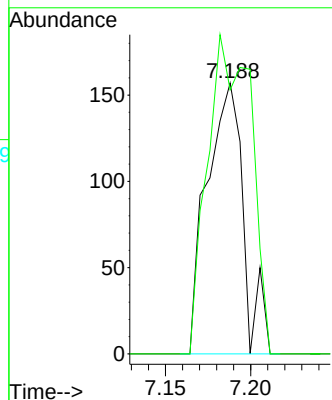
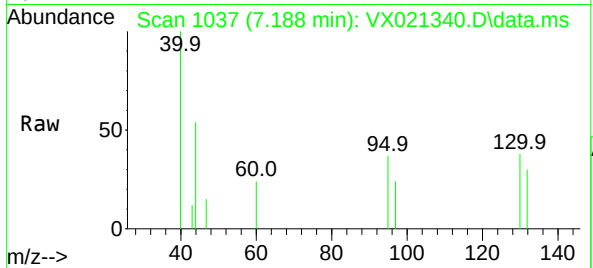




#44
Trichloroethene
Concen: 0.26 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

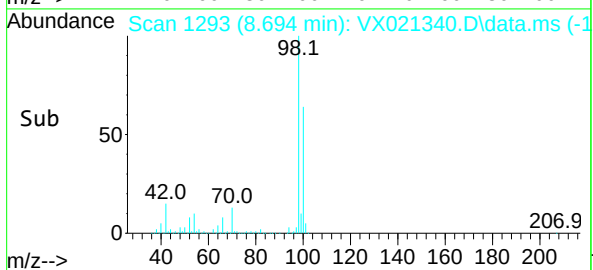
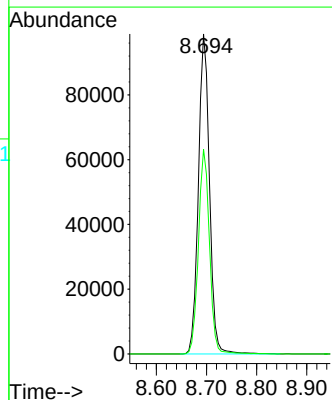
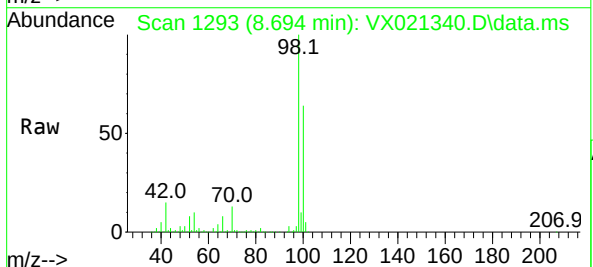
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210317

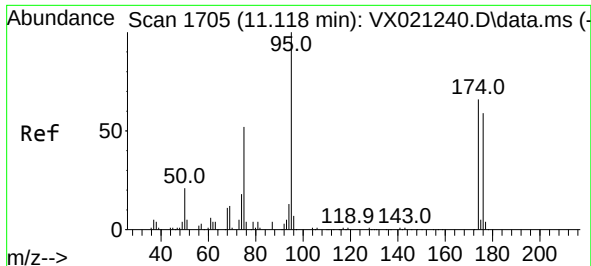
Tgt Ion:130 Resp: 233
Ion Ratio Lower Upper
130 100
95 97.5 0.0 198.0



#50
Toluene-d8
Concen: 50.37 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

Tgt Ion: 98 Resp: 151354
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

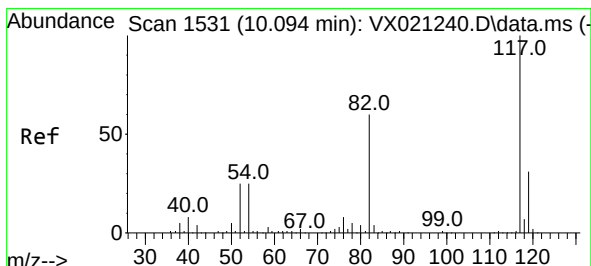
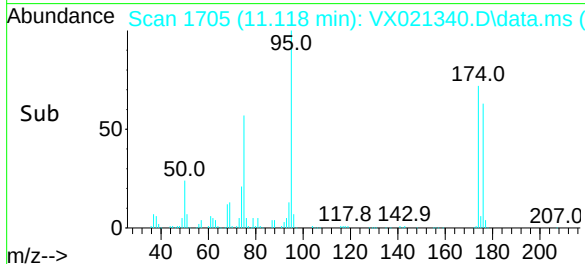
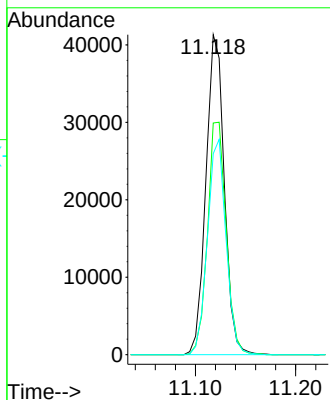
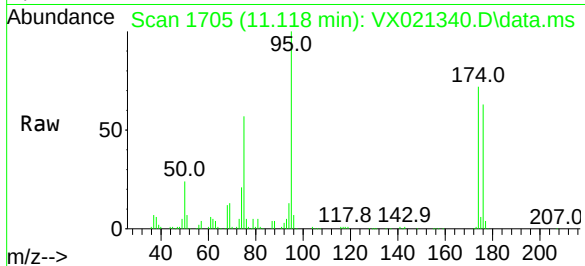




#62
4-Bromofluorobenzene
Concen: 45.20 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

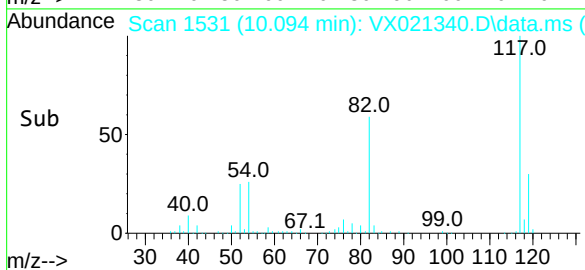
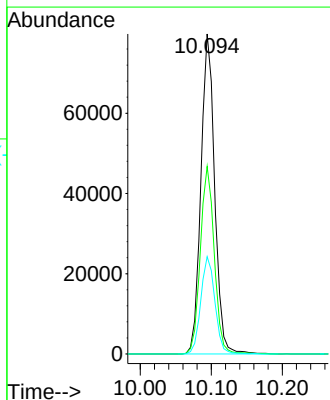
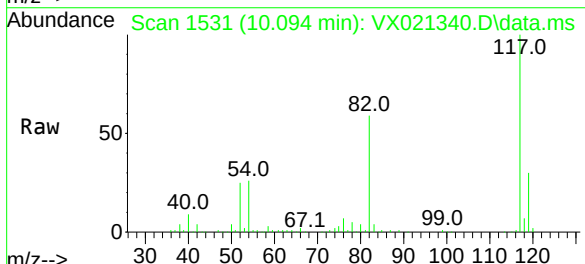
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210317

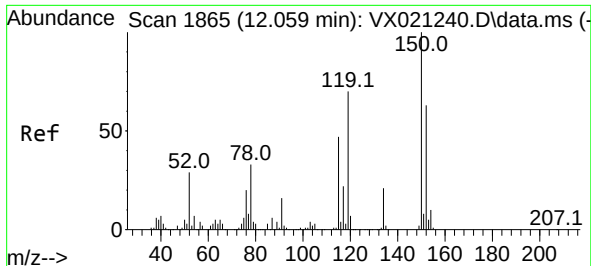
Tgt Ion:	95	Resp:	52749
Ion Ratio	Lower	Upper	
95	100		
174	73.8	0.0	154.6
176	67.8	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

Tgt Ion:	117	Resp:	107729
Ion Ratio	Lower	Upper	
117	100		
82	58.6	47.4	71.2
119	30.4	26.6	39.8

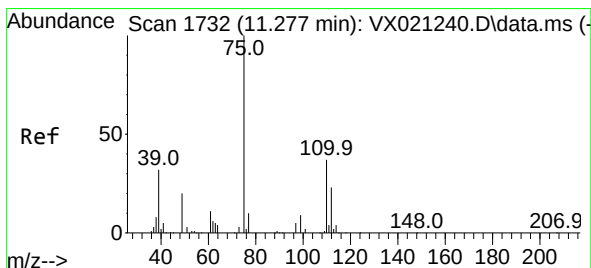
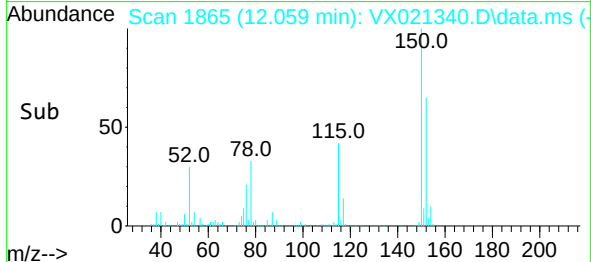
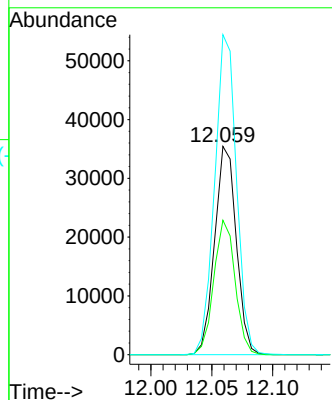
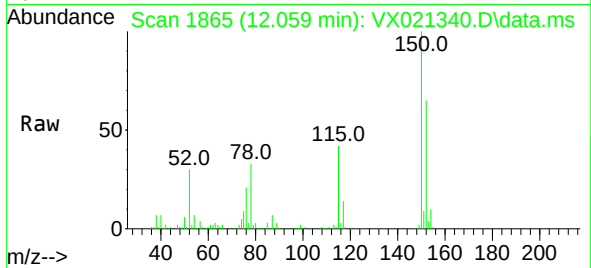




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

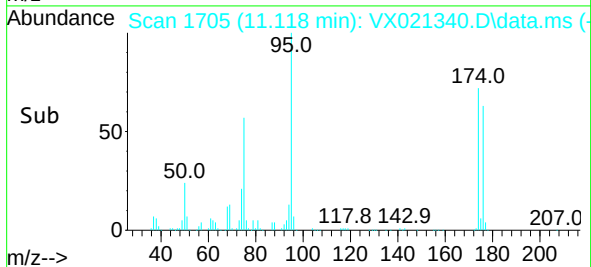
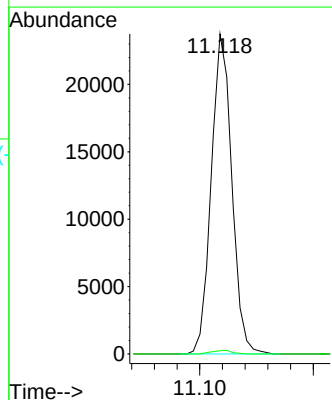
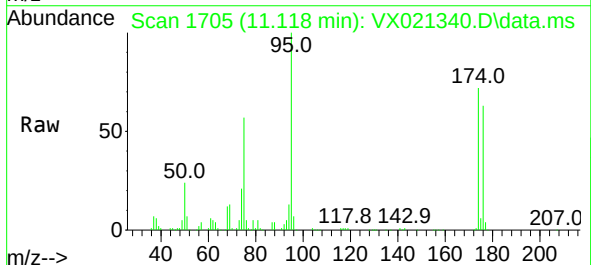
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210317

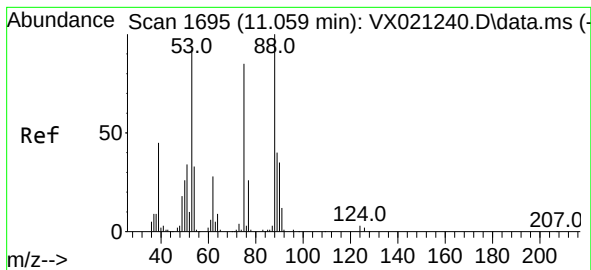
Tgt Ion:152 Resp: 43955
Ion Ratio Lower Upper
152 100
115 63.5 41.1 123.3
150 154.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.29 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021340.D
Acq: 20 Mar 2021 10:33

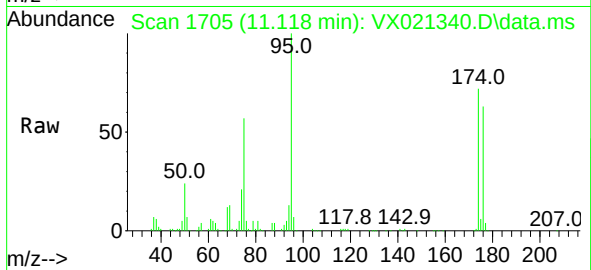
Tgt Ion: 75 Resp: 29861
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.51 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021340.D
 Acq: 20 Mar 2021 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20210317



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

