

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020136.D
 Acq On : 18 Dec 2020 19:05
 Operator : JC/MD
 Sample : L5053-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20201209

Quant Time: Dec 19 04:50:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

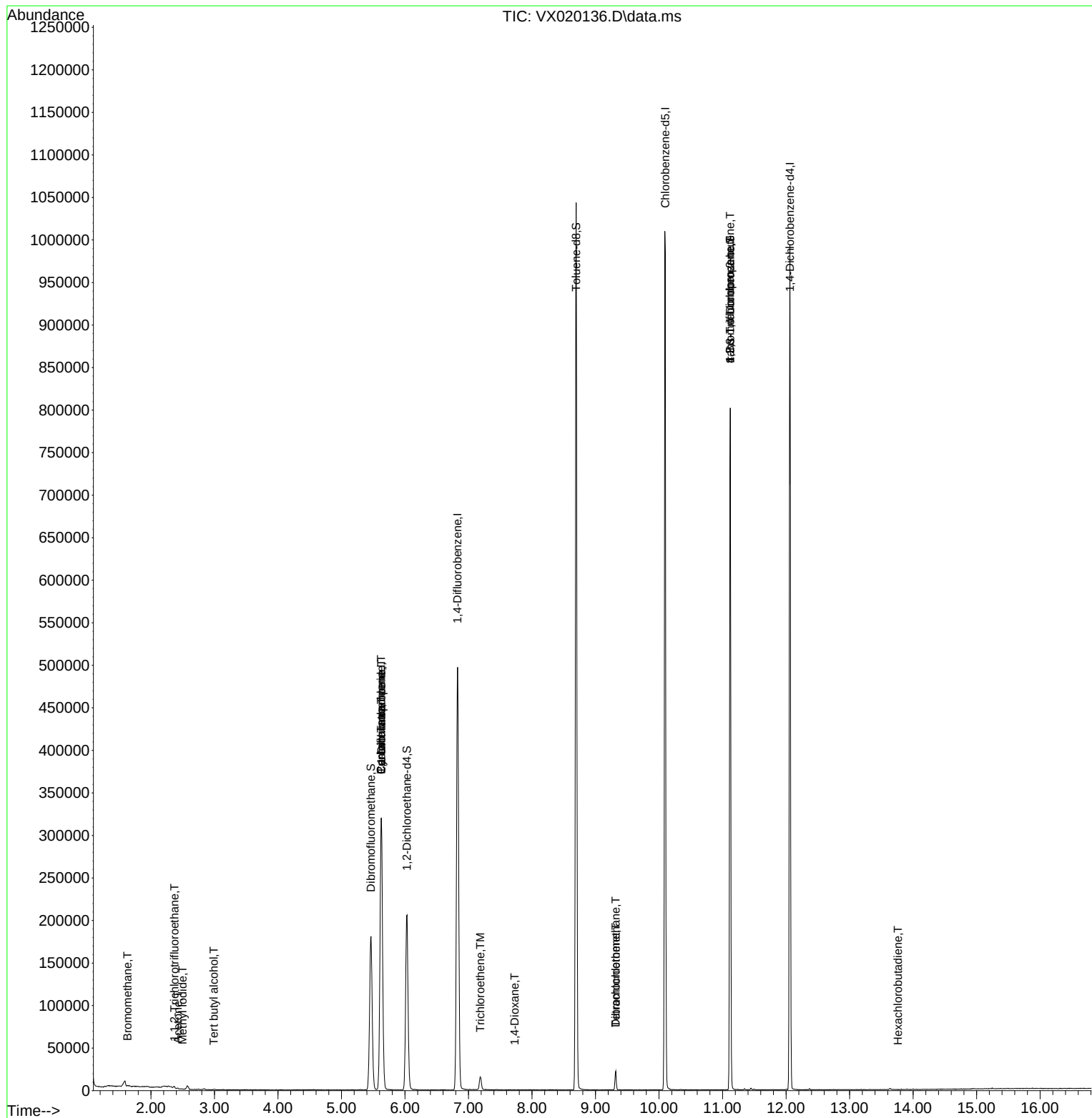
Internal Standards						
1) Pentafluorobenzene	5.623	168	307340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	520365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	471925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	205020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	196930	47.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.60%
35) Dibromofluoromethane	5.464	113	157815	47.41	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.82%
50) Toluene-d8	8.696	98	624756	48.76	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.52%
62) 4-Bromofluorobenzene	11.122	95	220105	44.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.76%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	796	0.59	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.367	101	826	0.27	ug/l	91
10) Methyl Iodide	2.495	142	649	3.43	ug/l #	77
11) Tert butyl alcohol	2.989	59	526	0.57	ug/l #	73
16) Acetone	2.422	43	1420	0.76	ug/l	100
31) Cyclohexane	5.623	56	6025	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23892	4.65	ug/l #	48
38) Carbon Tetrachloride	5.623	117	30617	6.26	ug/l #	16
44) Trichloroethene	7.184	130	6178	1.49	ug/l	94
49) 1,4-Dioxane	7.726	88	70	0.72	ug/l #	23
60) Dibromochloromethane	9.317	129	3840	0.96	ug/l #	11
64) Tetrachloroethene	9.317	164	4167	1.17	ug/l	97
76) 1,2,3-Trichloropropane	11.122	75	106380	21.06	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	106380	62.49	ug/l #	12
94) Hexachlorobutadiene	13.762	225	24	2.66	ug/l #	48

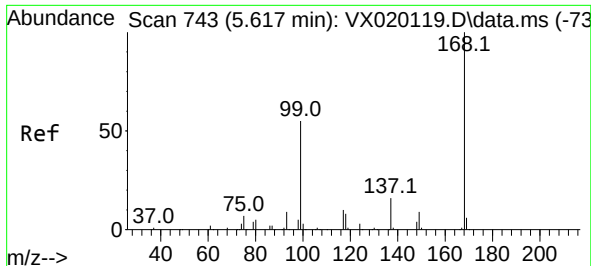
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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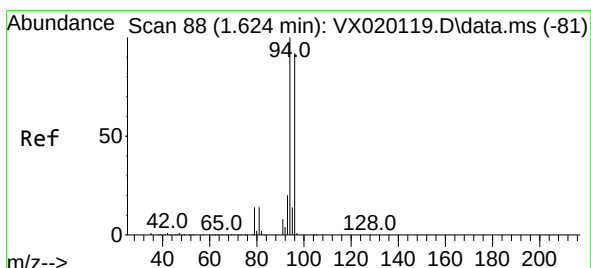
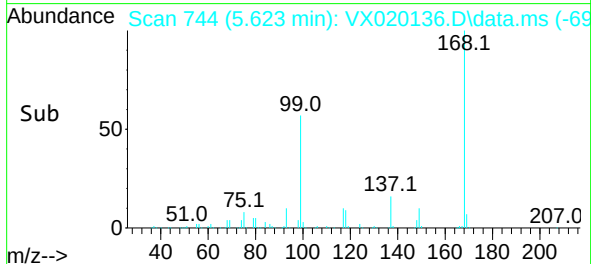
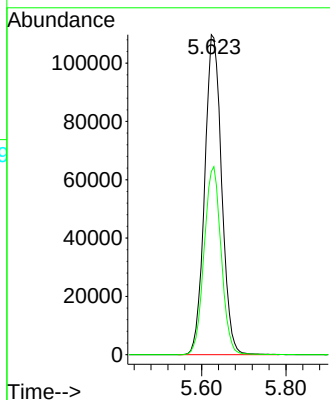
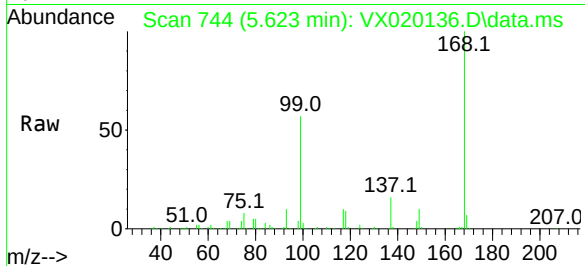




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

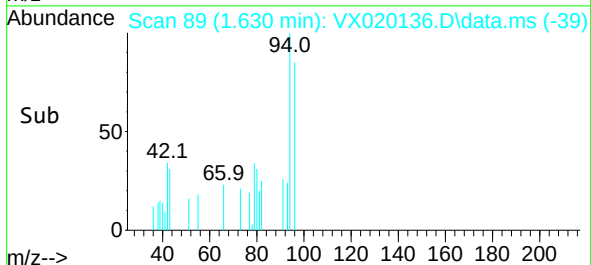
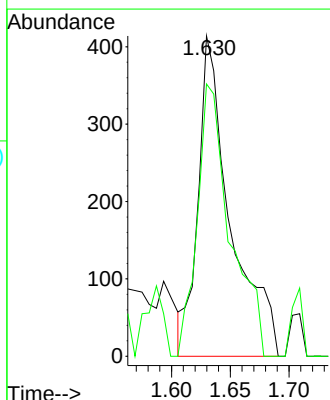
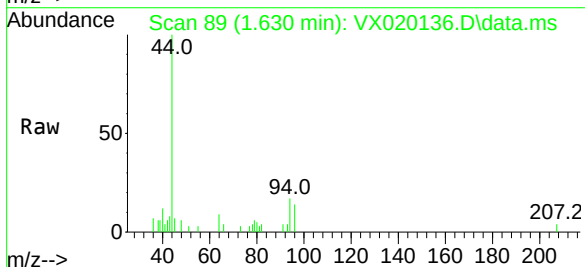
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20201209

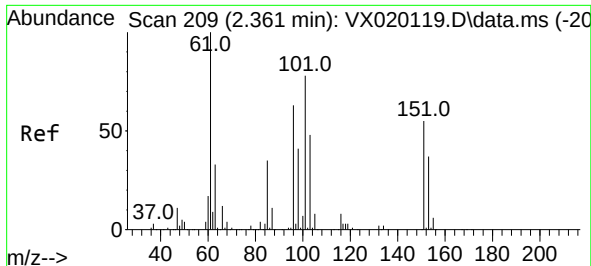
Tgt Ion:168 Resp: 307340
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.6



#5
Bromomethane
Concen: 0.59 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 94 Resp: 796
Ion Ratio Lower Upper
94 100
96 85.0 76.4 114.6

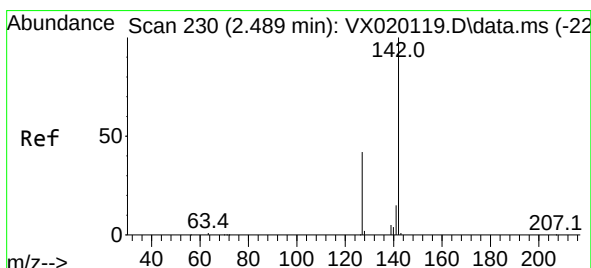
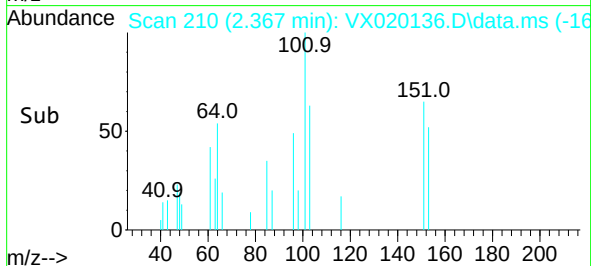
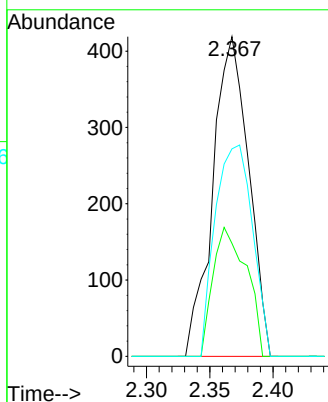
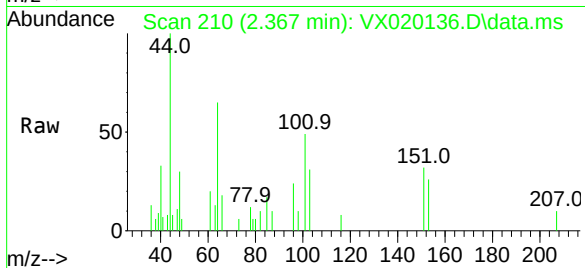




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.27 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

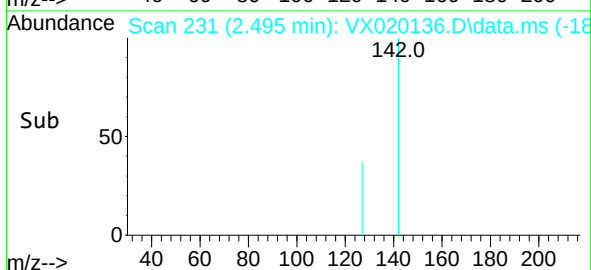
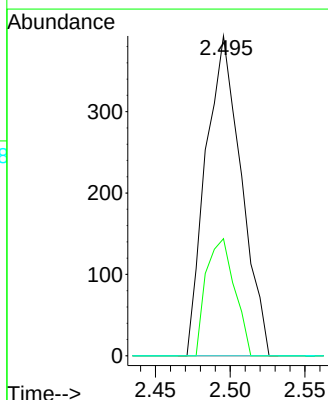
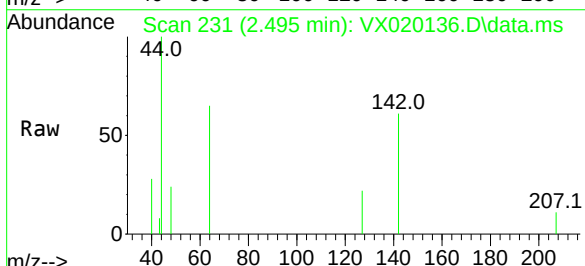
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20201209

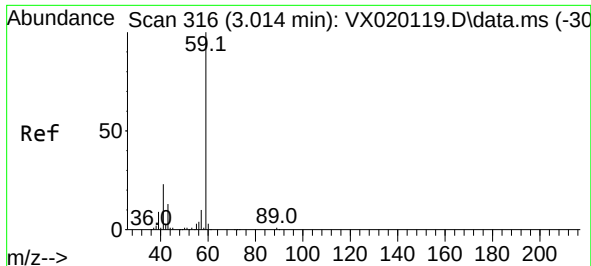
Tgt Ion:	101	Resp:	826
Ion	Ratio	Lower	Upper
101	100		
85	37.5	34.9	52.3
151	68.8	61.4	92.2



#10
Methyl Iodide
Concen: 3.43 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

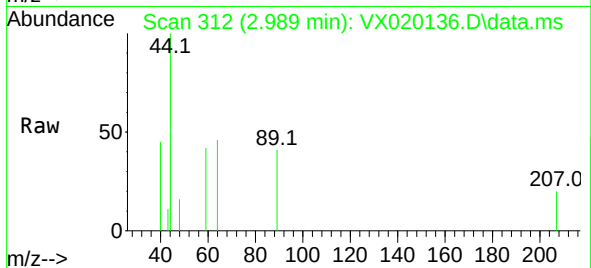
Tgt Ion:	142	Resp:	649
Ion	Ratio	Lower	Upper
142	100		
127	29.3	33.3	49.9#
141	0.0	11.4	17.0#



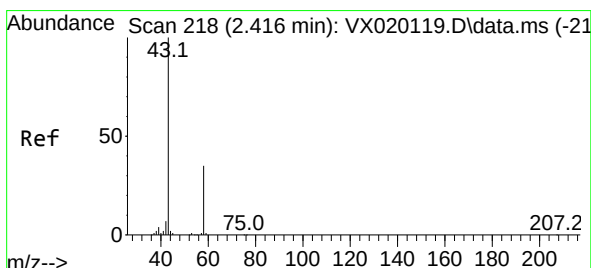
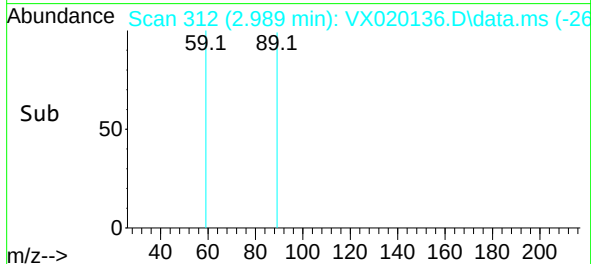
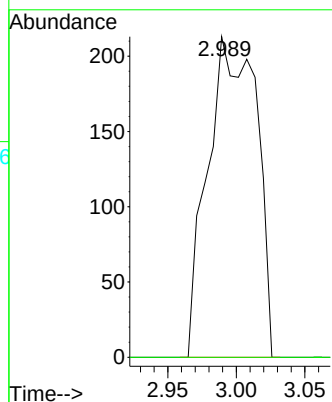


#11
Tert butyl alcohol
Concen: 0.57 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20201209

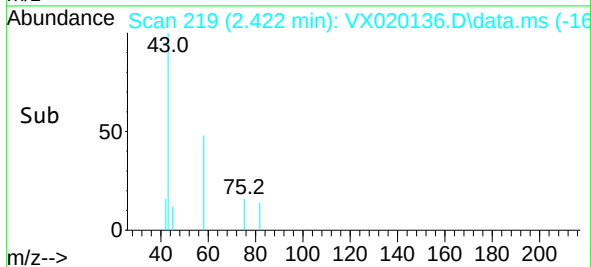
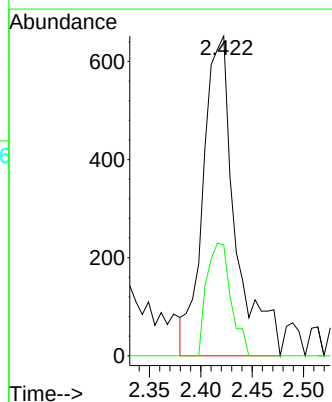
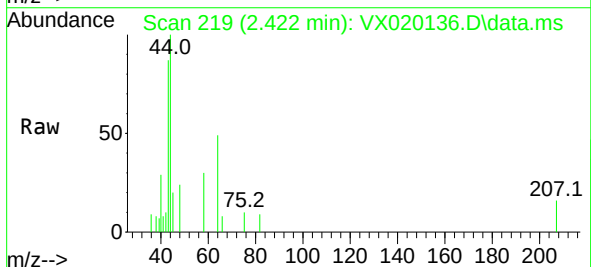


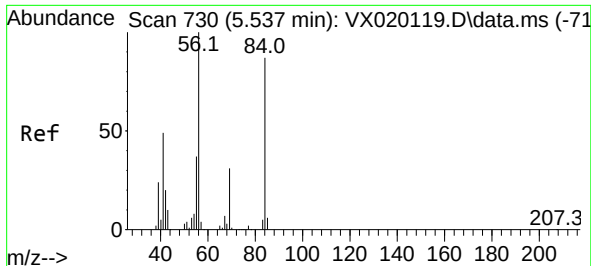
Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.76 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

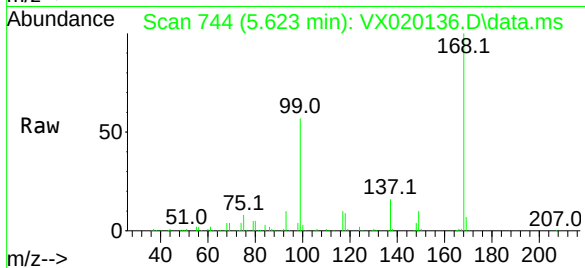
Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8



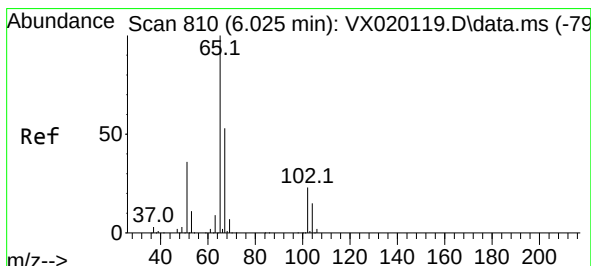
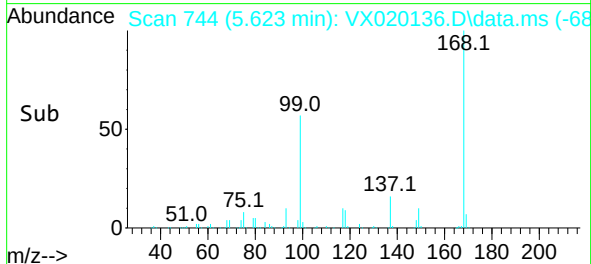
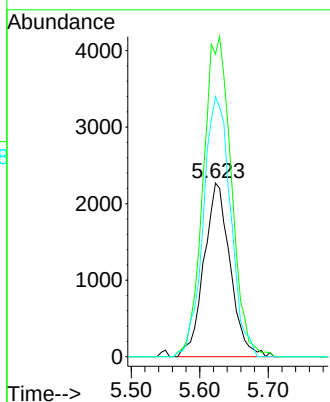


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20201209

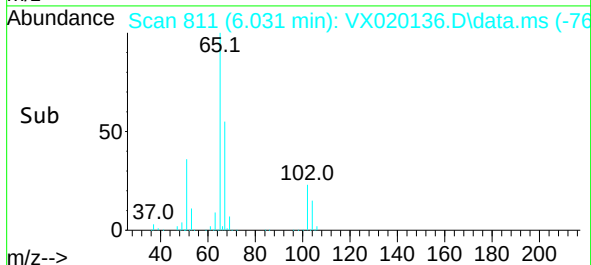
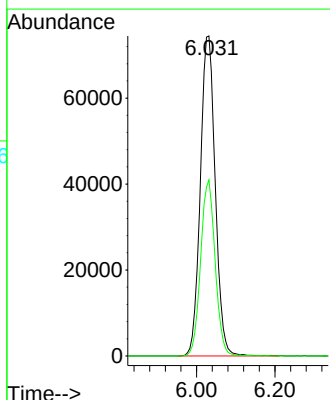
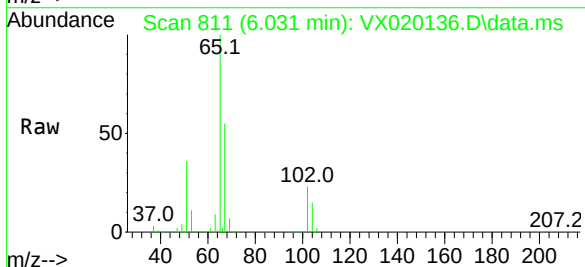


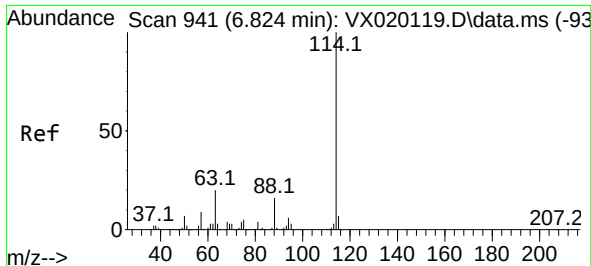
Tgt Ion: 56 Resp: 6025
Ion Ratio Lower Upper
56 100
69 174.2 25.3 37.9#
84 149.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.80 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

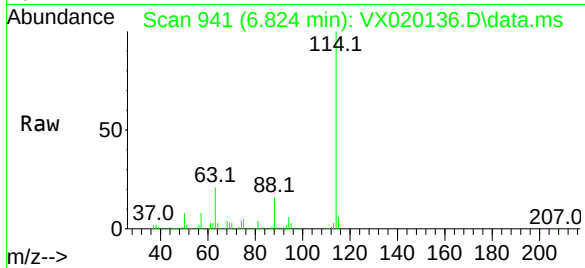
Tgt Ion: 65 Resp: 196930
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4



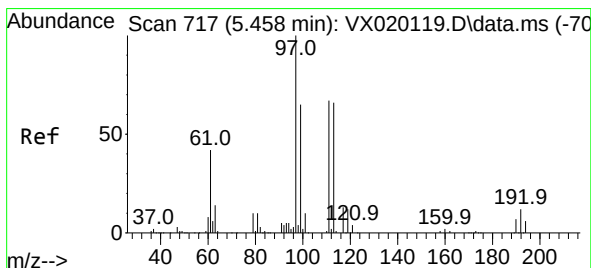
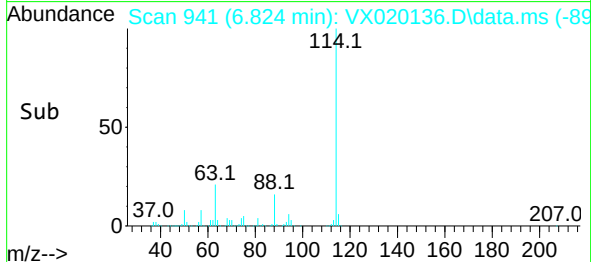
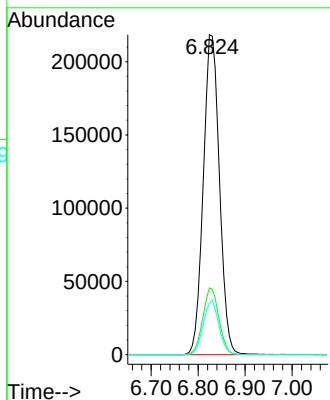


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20201209

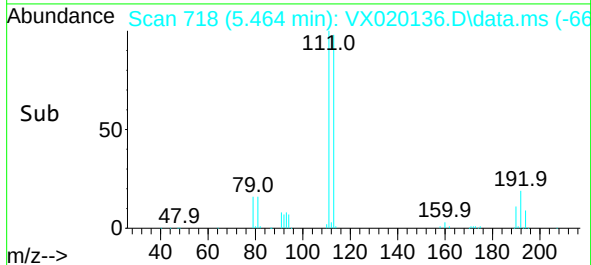
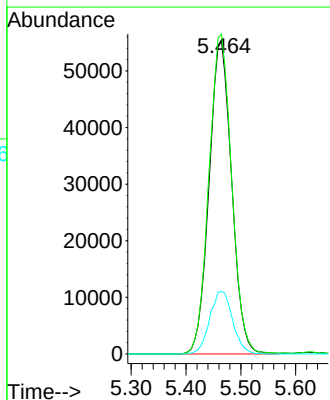
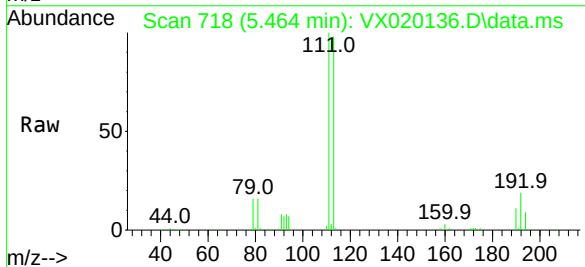


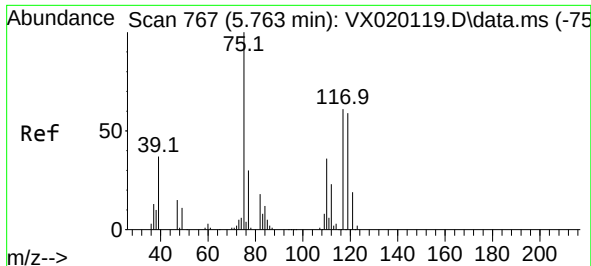
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.0	0.0	32.8



#35
Dibromofluoromethane
Concen: 47.41 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

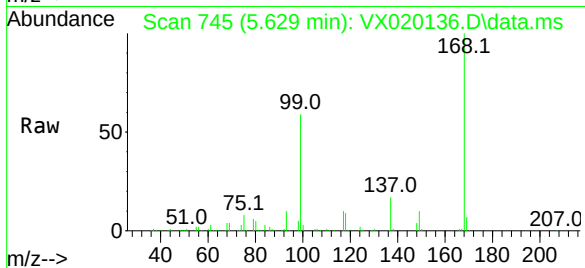
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	20.3	16.7	25.1



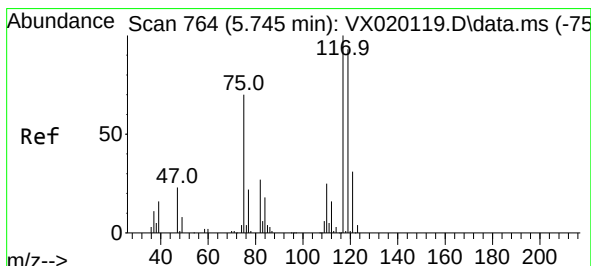
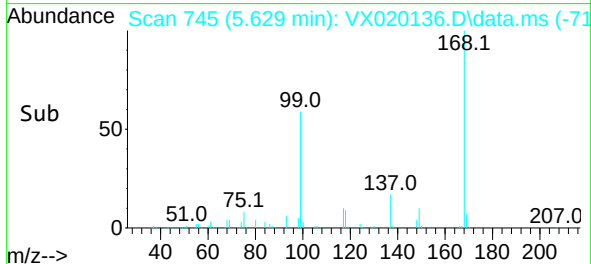
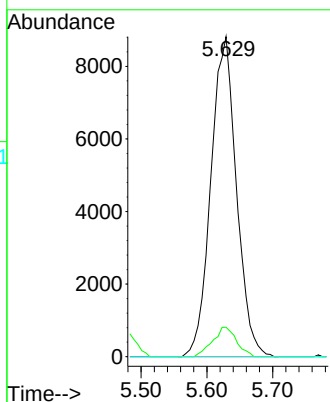


#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Instrument :
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ClientSampleId :
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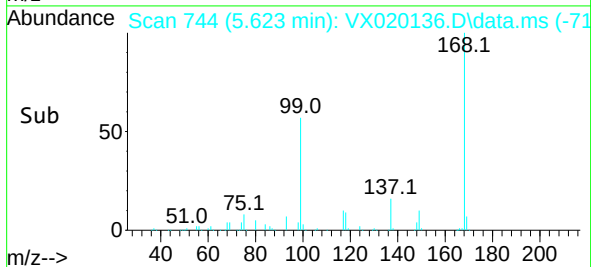
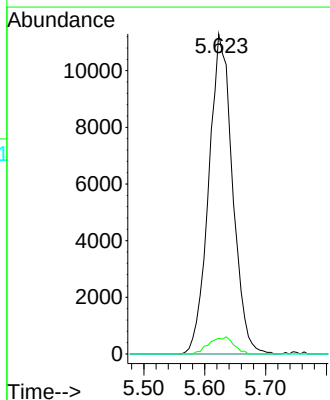
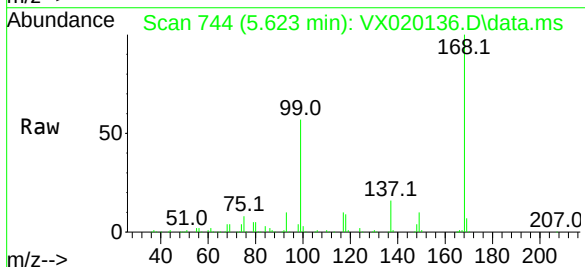


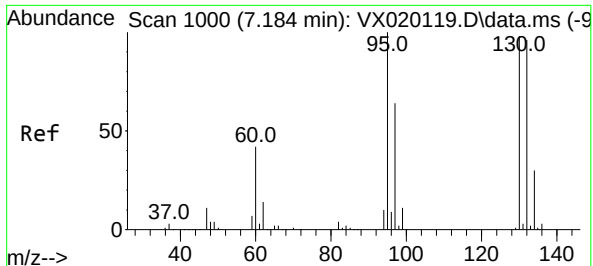
Tgt Ion: 75 Resp: 23892
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 117 Resp: 30617
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

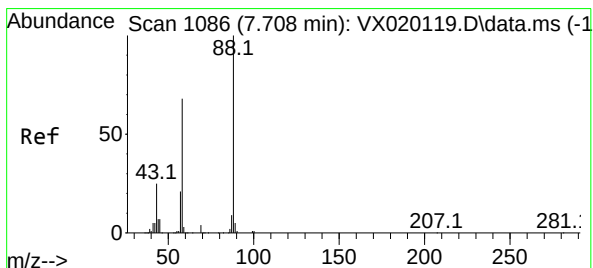
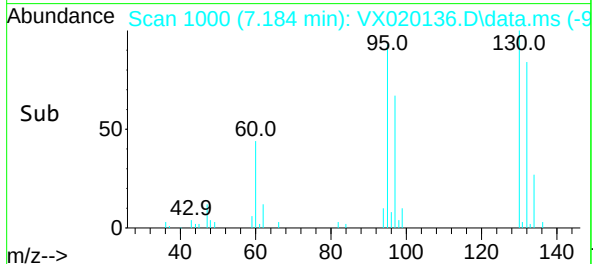
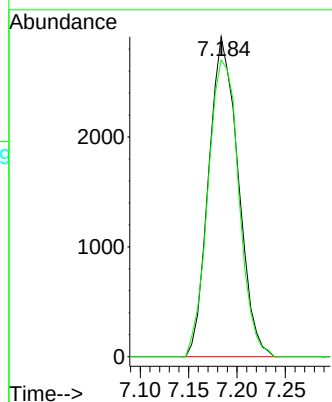
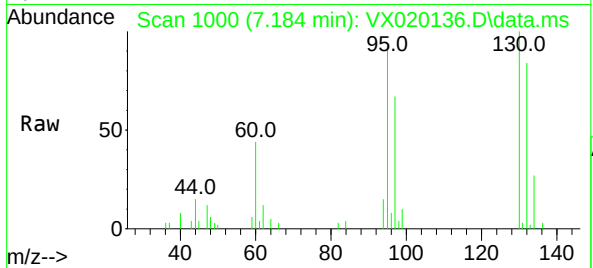




#44
Trichloroethene
Concen: 1.49 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

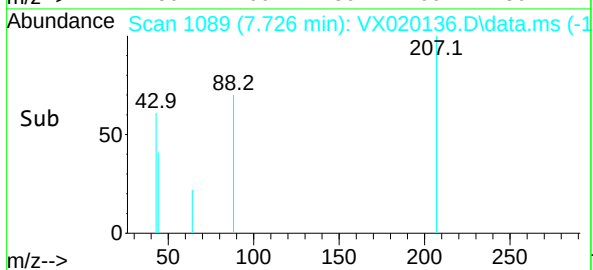
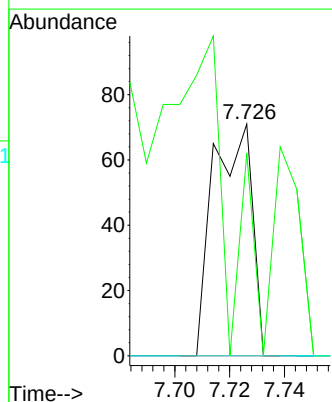
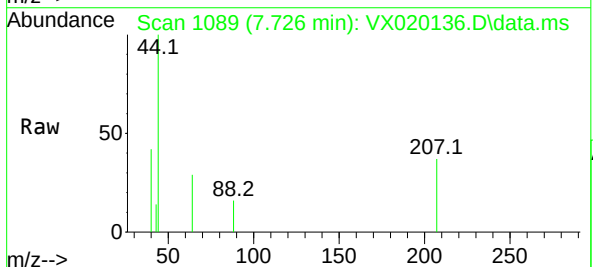
Instrument :
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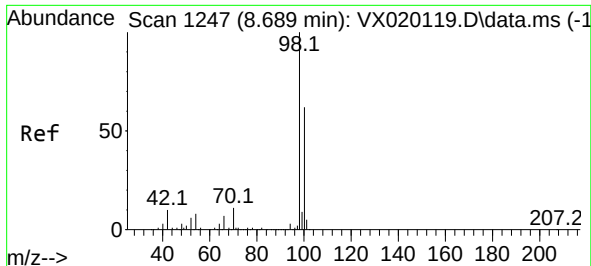
Tgt Ion:130 Resp: 6178
Ion Ratio Lower Upper
130 100
95 92.7 0.0 198.0



#49
1,4-Dioxane
Concen: 0.72 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 60.0 23.2 34.8#
58 0.0 55.0 82.4#

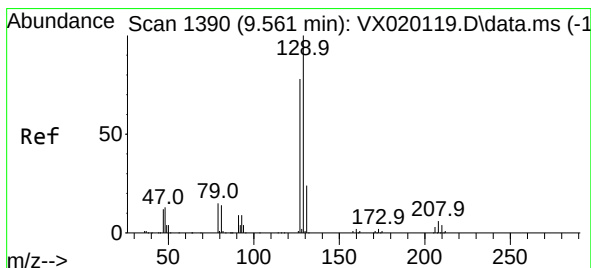
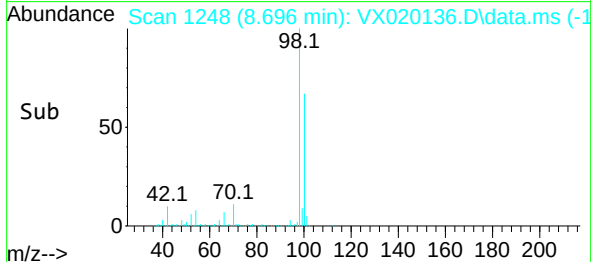
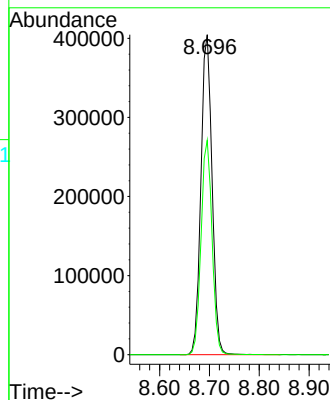
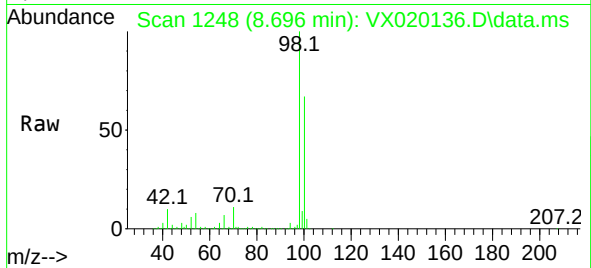




#50
Toluene-d8
Concen: 48.76 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

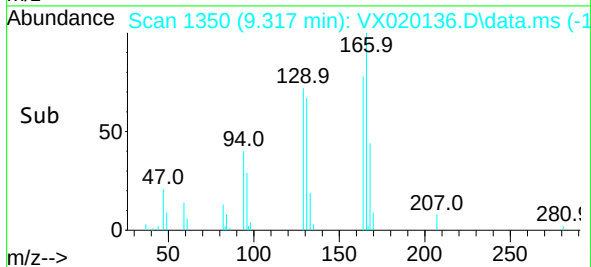
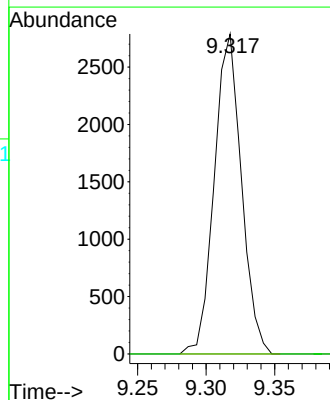
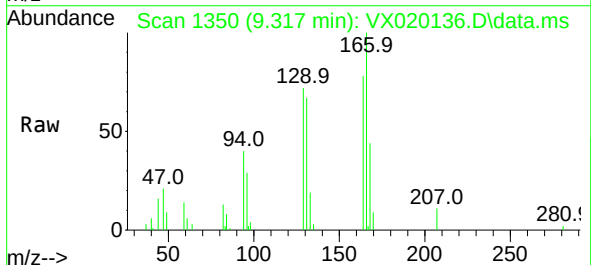
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20201209

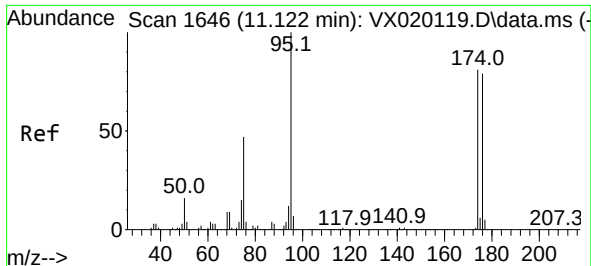
Tgt Ion: 98 Resp: 624756
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#60
Dibromochloromethane
Concen: 0.96 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 129 Resp: 3840
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

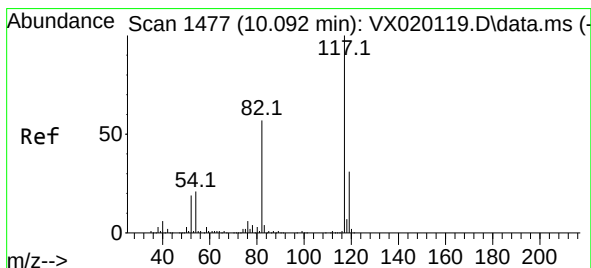
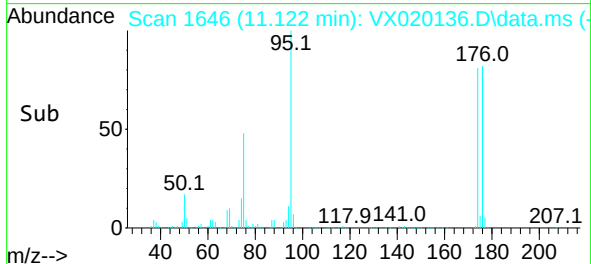
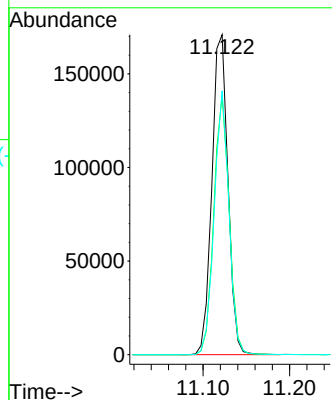
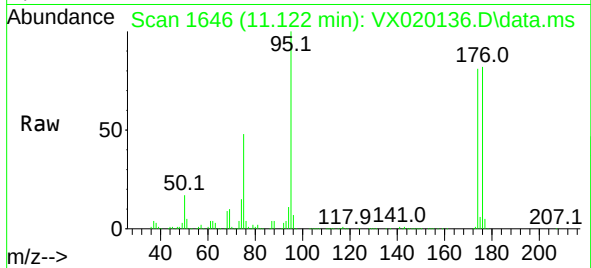




#62
4-Bromofluorobenzene
Concen: 44.88 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

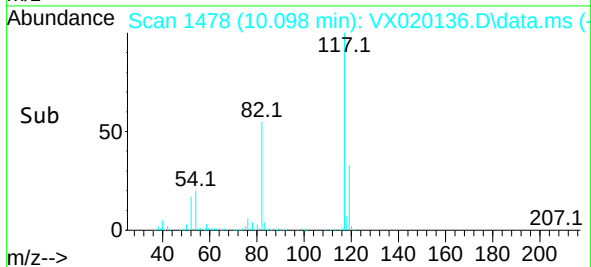
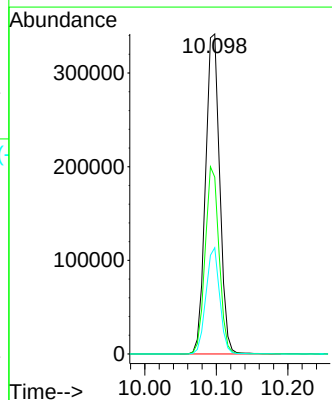
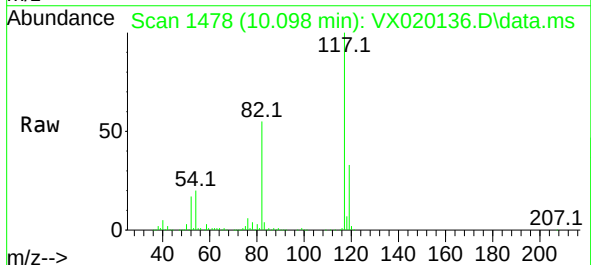
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20201209

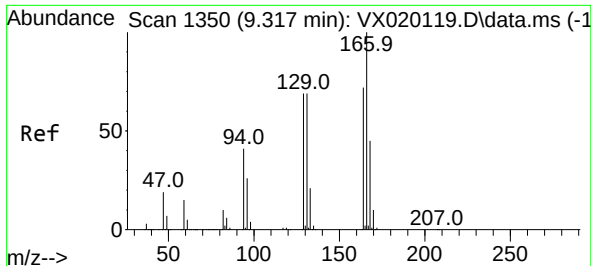
Tgt Ion: 95 Resp: 220105
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 75.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 117 Resp: 471925
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 33.2 26.6 39.8

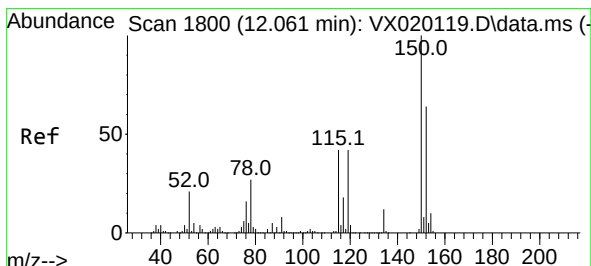
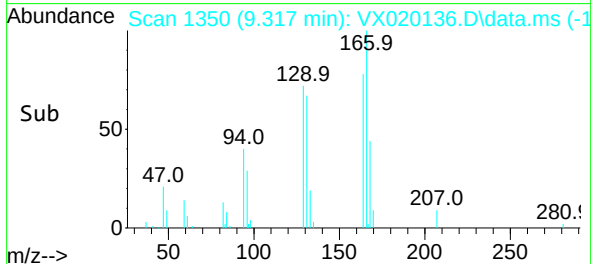
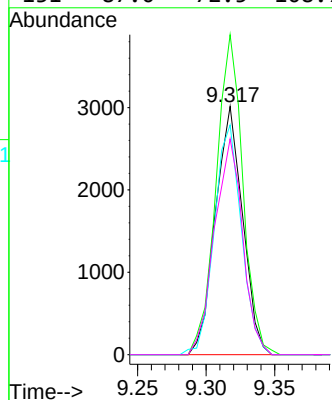
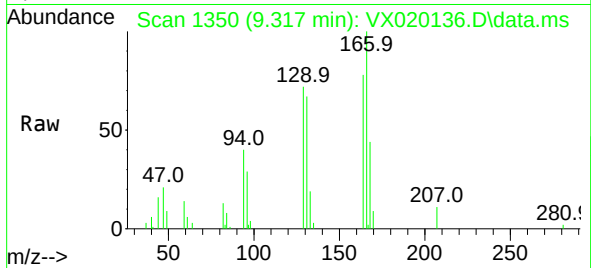




#64
Tetrachloroethene
Concen: 1.17 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

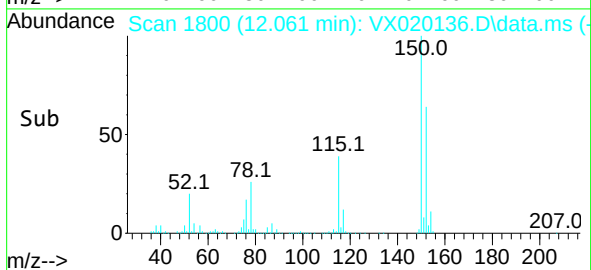
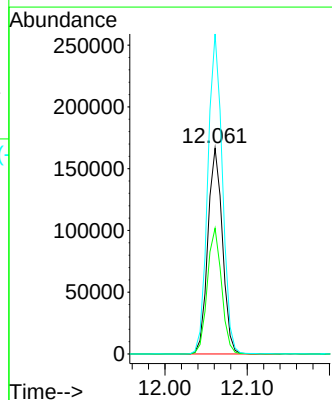
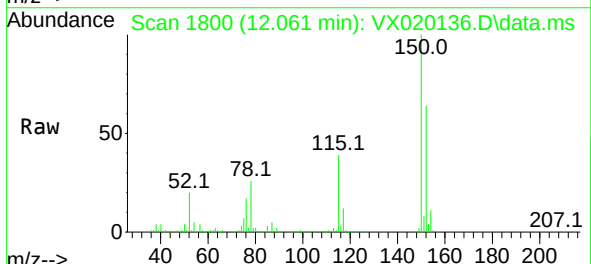
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20201209

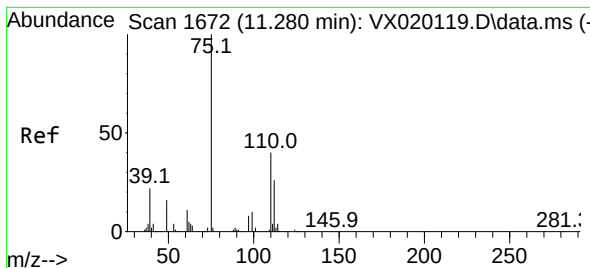
Tgt Ion:	164	Resp:	4167
Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.4	155.2
129	92.5	70.8	106.2
131	87.0	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Tgt Ion:	152	Resp:	205020
Ion	Ratio	Lower	Upper
152	100		
115	59.8	41.1	123.3
150	155.6	0.0	349.0

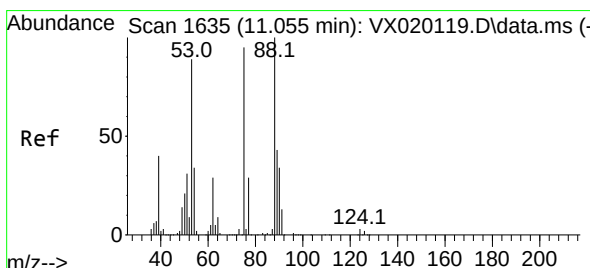
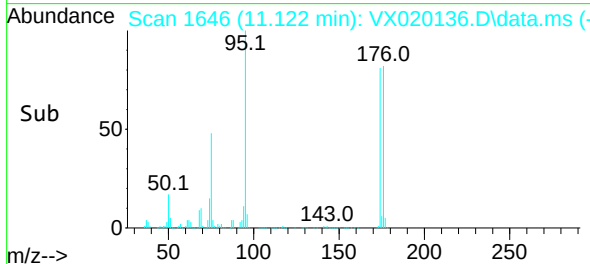
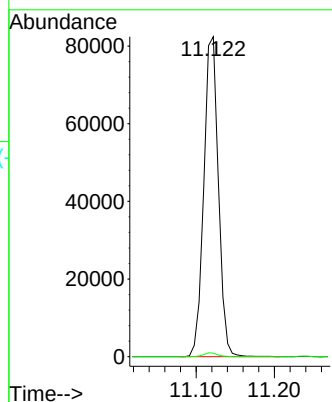
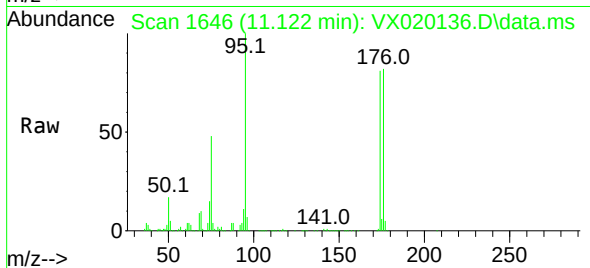




#76
1,2,3-Trichloropropane
Concen: 21.06 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

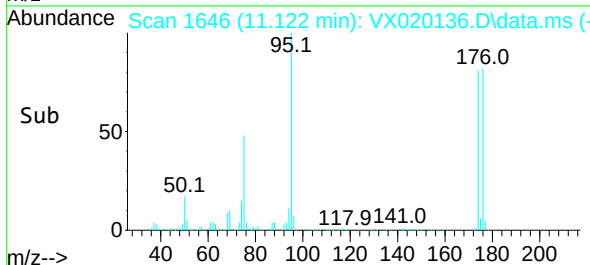
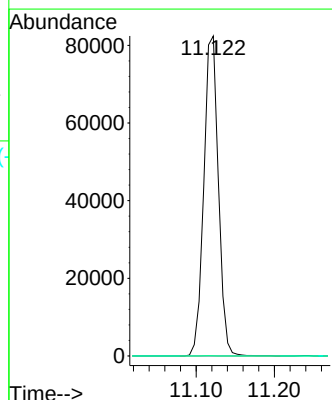
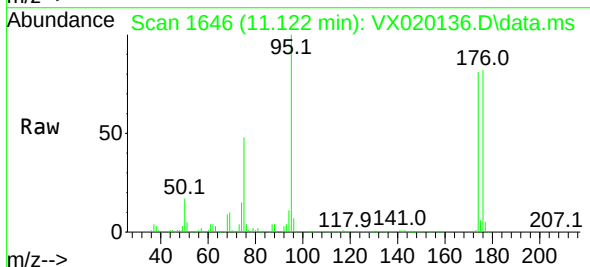
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20201209

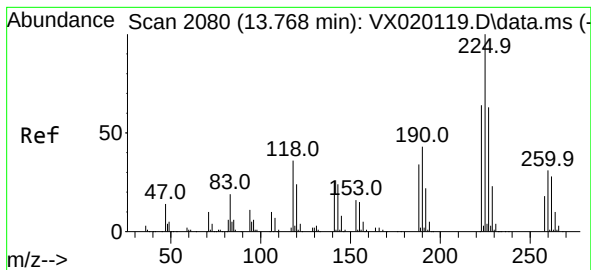
Tgt Ion: 75 Resp: 106380
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.49 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020136.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 75 Resp: 106380
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#94

Hexachlorobutadiene

Concen: 2.66 ug/l

RT: 13.762 min Scan# 2079

Delta R.T. -0.006 min

Lab File: VX020136.D

Acq: 18 Dec 2020 19:05

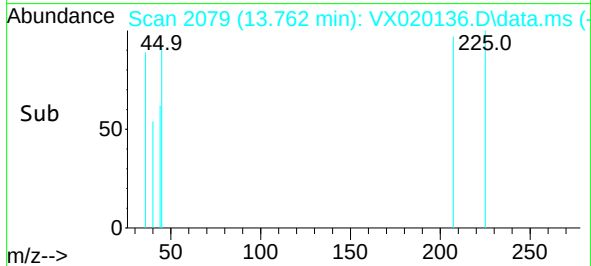
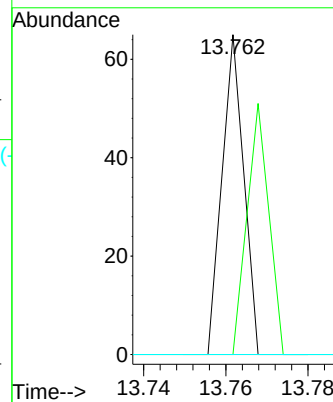
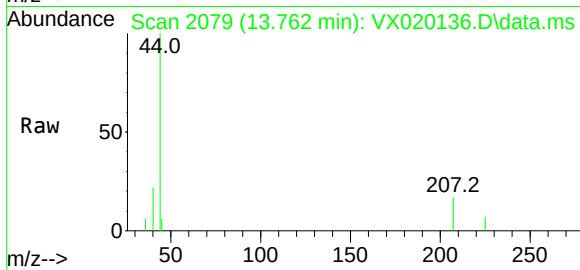
Tgt Ion:225 Resp: 24

Ion Ratio Lower Upper

225 100

223 79.2 31.1 93.2

227 0.0 31.6 95.0#



Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20201209