

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020302.D
 Acq On : 22 Dec 2020 14:43
 Operator : JC/MD
 Sample : L5123-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20201211

Quant Time: Dec 23 01:43:17 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)

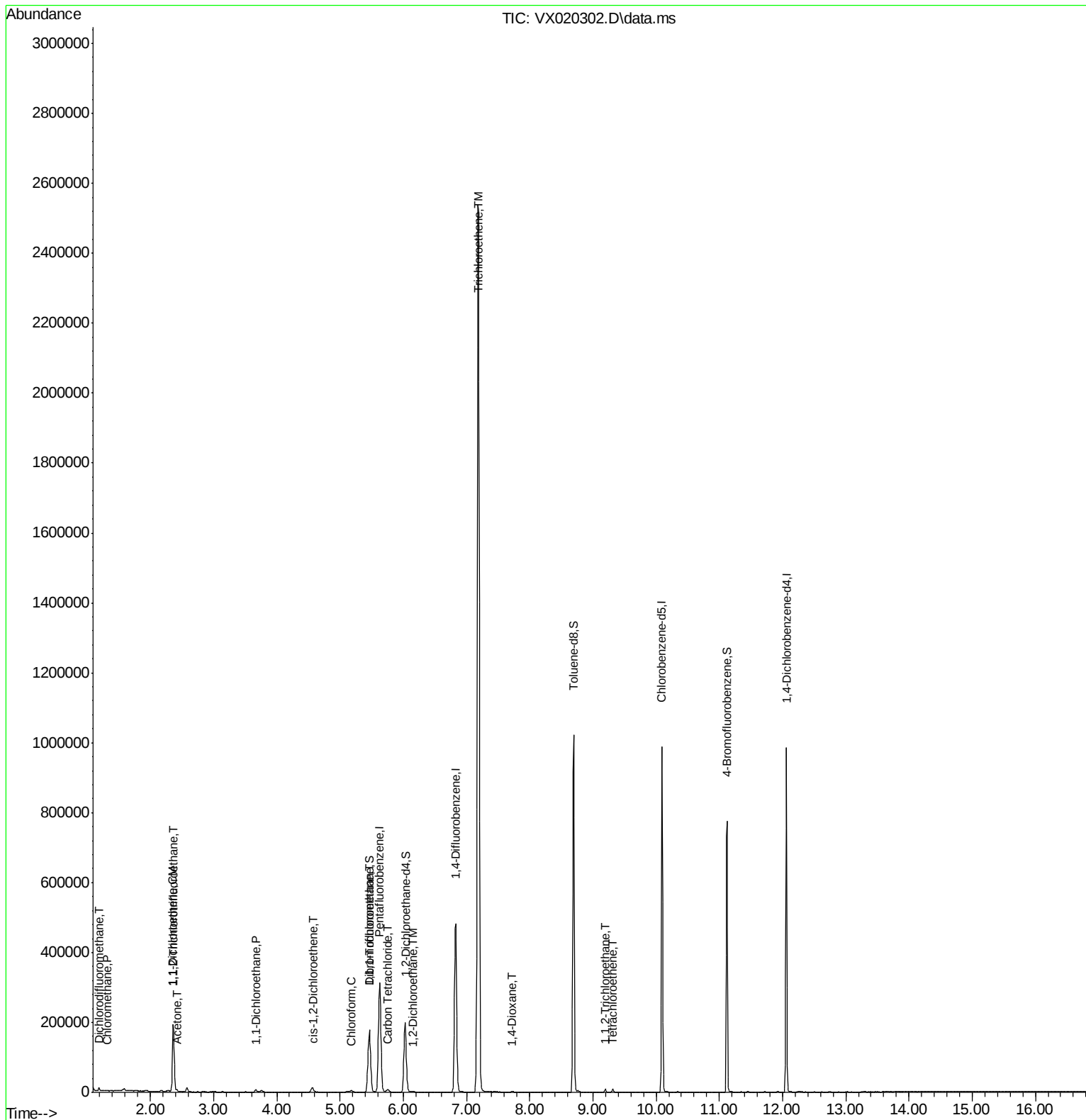
Internal Standards						
1) Pentafluorobenzene	5.629	168	301436	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	499553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	457796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	202014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	191027	47.28	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	94.56%	
35) Dibromofluoromethane	5.464	113	154751	48.43	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	96.86%	
50) Toluene-d8	8.696	98	601322	48.88	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.122	95	217423	46.18	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	92.36%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	2970	0.91	ug/l	100
3) Chloromethane	1.313	50	1178	0.31	ug/l #	84
9) 1,1,2-Trichlorotrifluo...	2.367	101	58850	19.56	ug/l	98
12) 1,1-Dichloroethene	2.355	96	23831	7.74	ug/l	98
16) Acetone	2.416	43	5390	2.93	ug/l	94
24) 1,1-Dichloroethane	3.672	63	7619	1.16	ug/l	98
27) cis-1,2-Dichloroethene	4.568	96	8154	1.93	ug/l	93
30) Chloroform	5.178	83	5427	0.81	ug/l	90
32) 1,1,1-Trichloroethane	5.464	97	2848	0.51	ug/l #	50
38) Carbon Tetrachloride	5.751	117	6387	1.36	ug/l	96
42) 1,2-Dichloroethane	6.153	62	1357	0.26	ug/l	84
44) Trichloroethene	7.184	130	994656	250.37	ug/l	96
49) 1,4-Dioxane	7.720	88	1722	18.53	ug/l #	92
55) 1,1,2-Trichloroethane	9.195	97	2132	0.55	ug/l	91
64) Tetrachloroethene	9.317	164	1651	0.48	ug/l	91

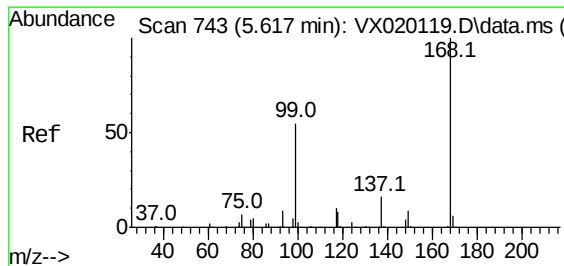
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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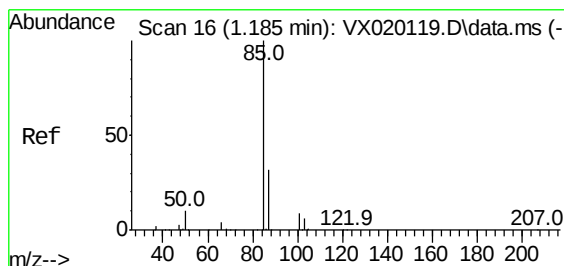
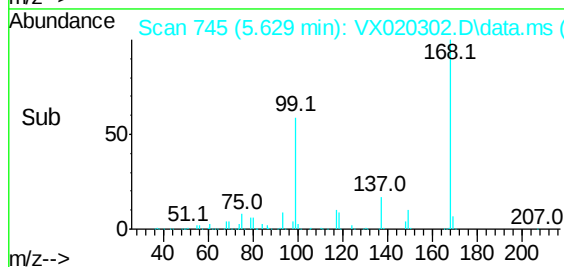
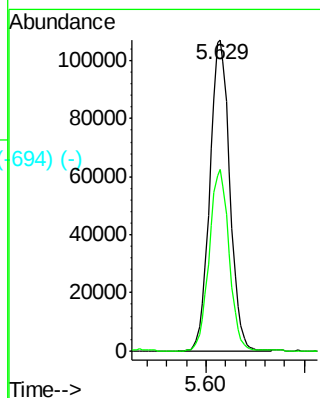
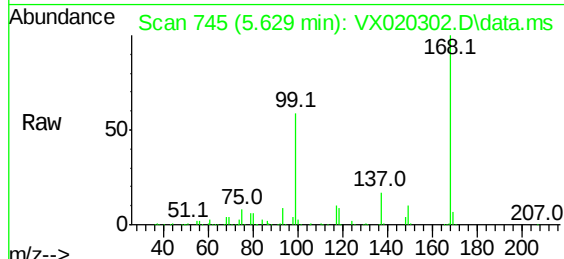




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

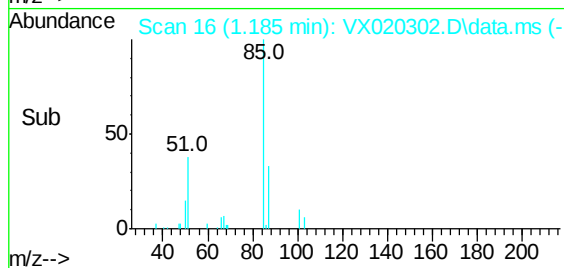
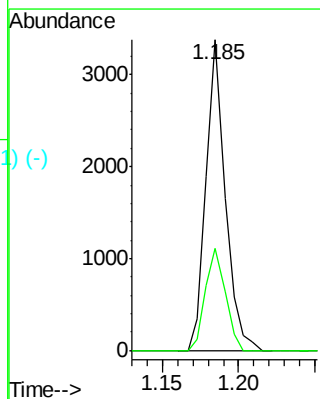
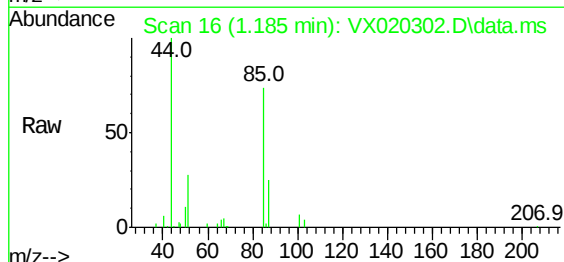
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MSVOA_X
ClientSampleId :
TT101D1-20201211

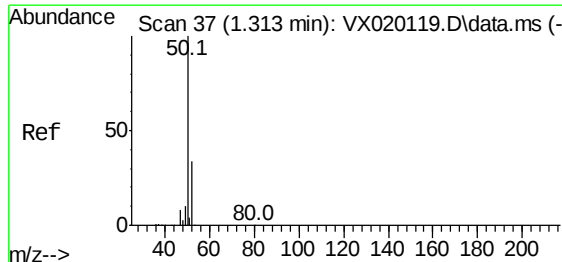
Tgt Ion:168 Resp: 301436
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



Dichlorodifluoromethane
Concen: 0.91 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

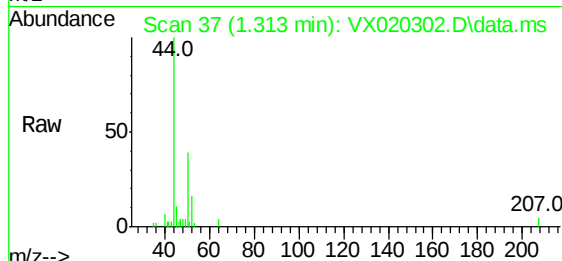
Tgt Ion: 85 Resp: 2970
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.2



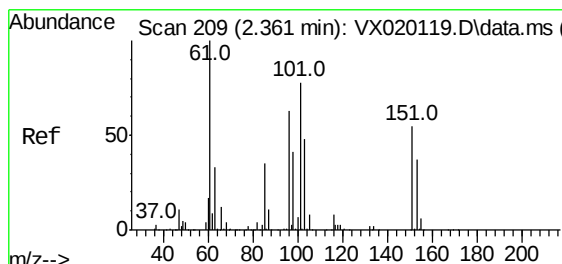
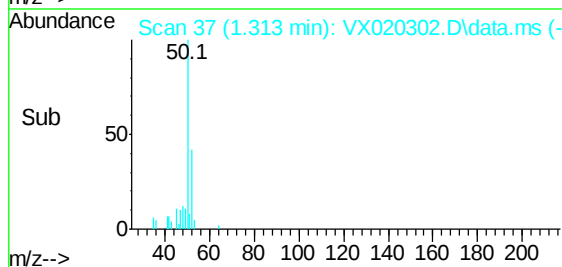
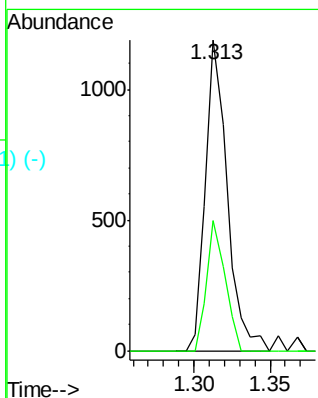


Chloromethane
 Concen: 0.31 ug/l
 RT: 1.313 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20201211

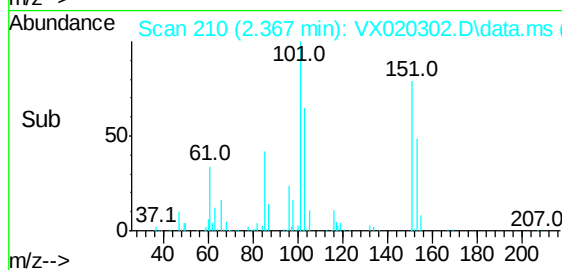
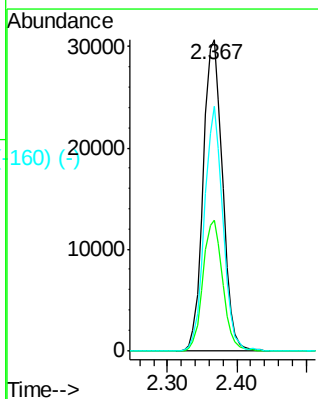
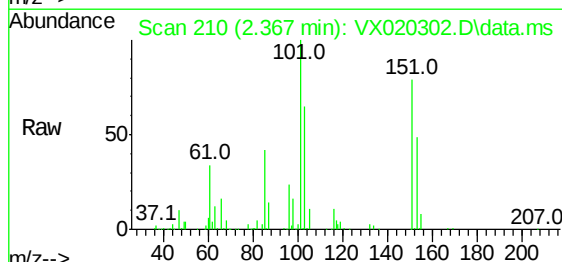


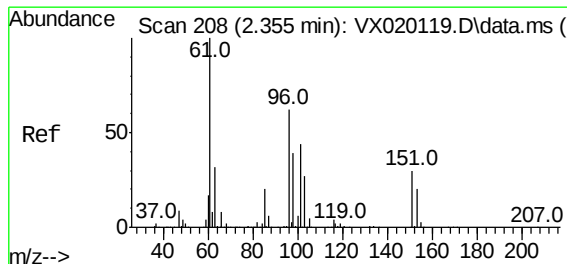
Tgt Ion: 50 Resp: 1178
 Ion Ratio Lower Upper
 50 100
 52 42.0 26.4 39.6#



1,1,2-Trichlorotrifluoroethane
 Concen: 19.56 ug/l
 RT: 2.367 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

Tgt Ion: 101 Resp: 58850
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.9 52.3
 151 74.8 61.4 92.2

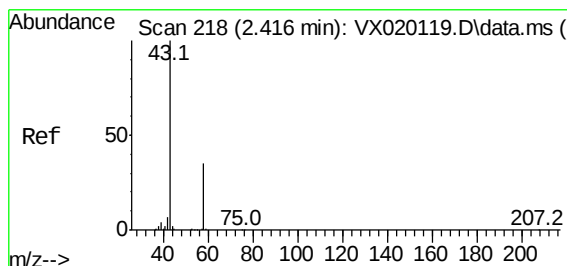
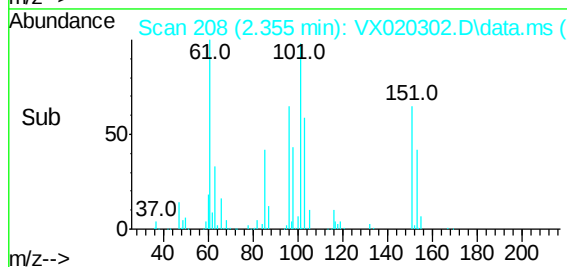
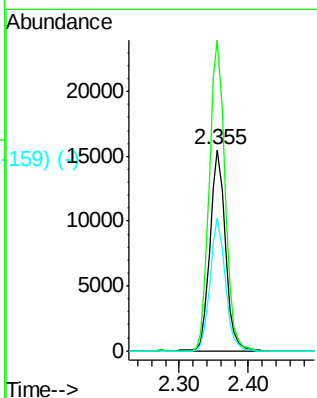
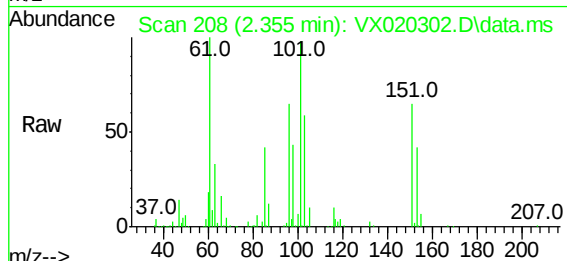




1,1-Dichloroethene
Concen: 7.74 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

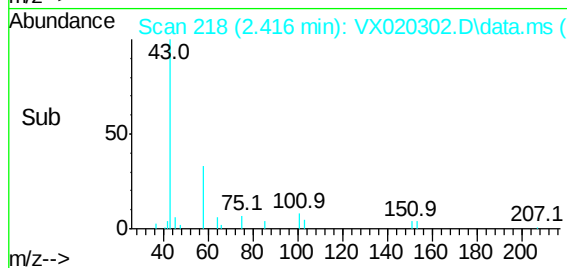
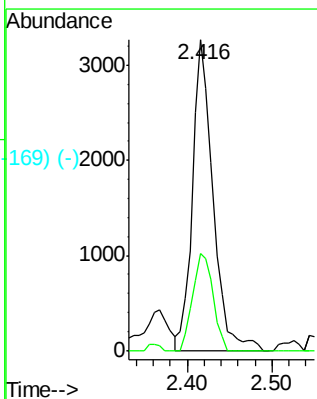
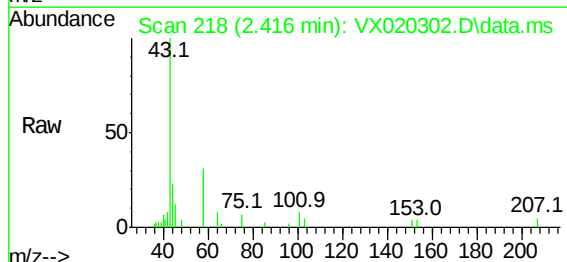
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20201211

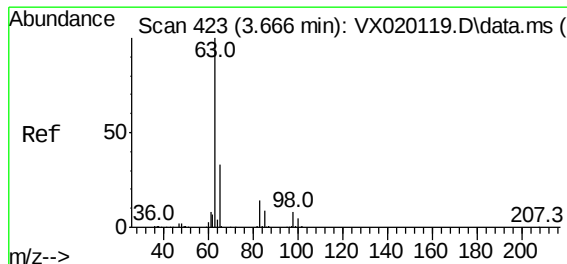
Tgt Ion: 96 Resp: 23831
Ion Ratio Lower Upper
96 100
61 154.8 124.6 187.0
98 66.0 50.6 76.0



Acetone
Concen: 2.93 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

Tgt Ion: 43 Resp: 5390
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8

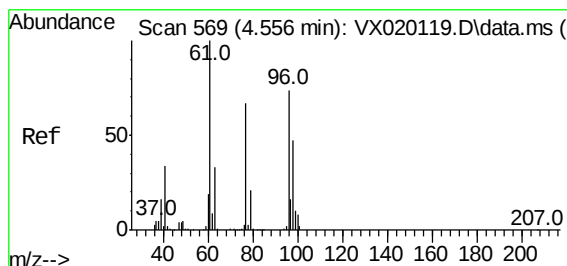
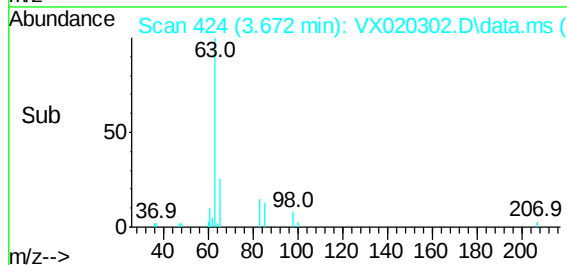
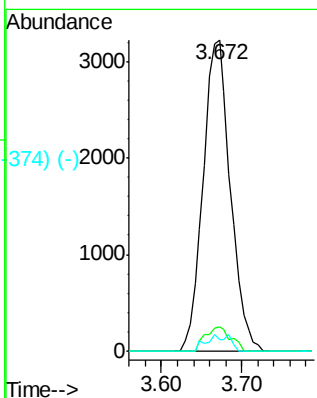
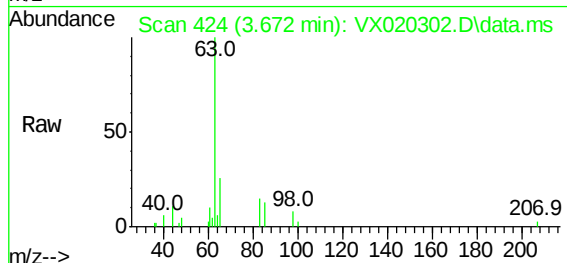




1,1-Dichloroethane
Concen: 1.16 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

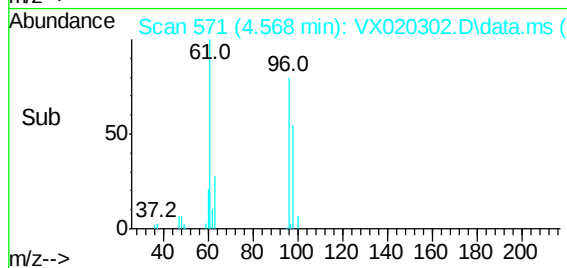
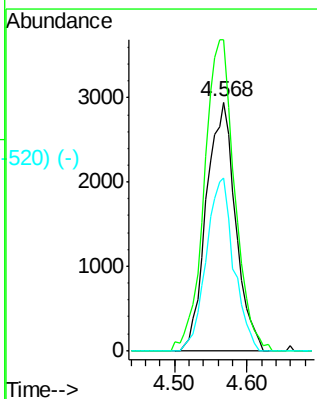
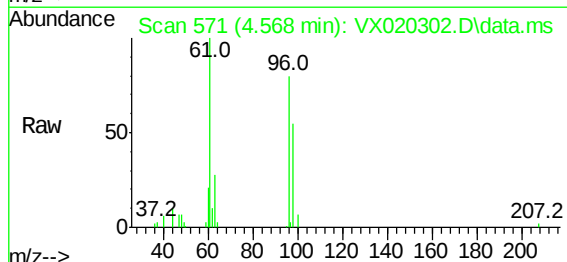
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ClientSampleId :
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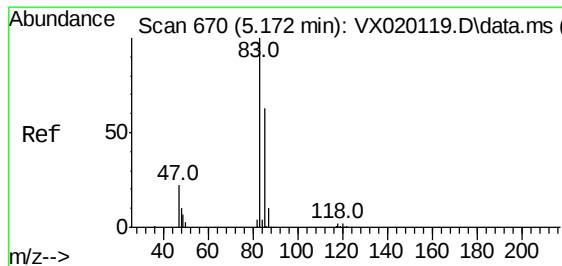
Tgt Ion: 63 Resp: 7619
Ion Ratio Lower Upper
63 100
98 7.9 3.8 11.2
100 3.5 2.5 7.5



cis-1,2-Dichloroethene
Concen: 1.93 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

Tgt Ion: 96 Resp: 8154
Ion Ratio Lower Upper
96 100
61 130.3 0.0 285.6
98 65.7 0.0 129.6

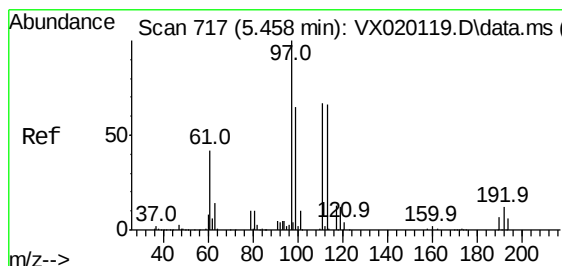
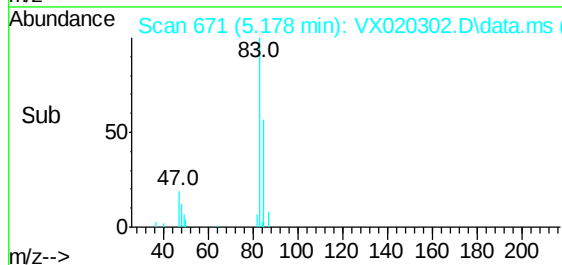
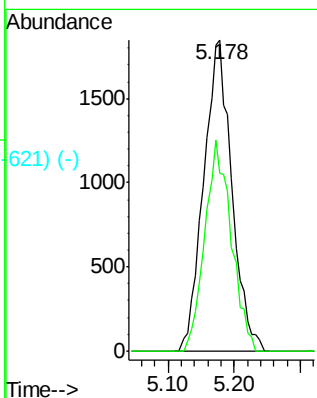
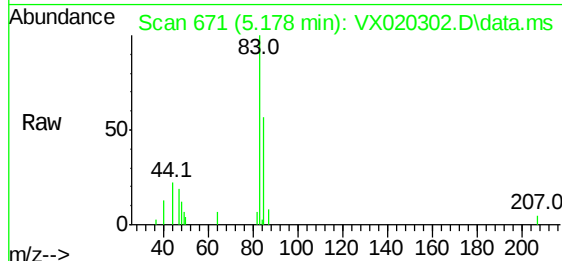




Chloroform
 Concen: 0.81 ug/l
 RT: 5.178 min Scan# 671
 Delta R.T. 0.006 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

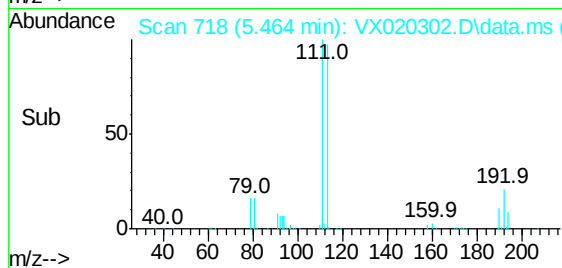
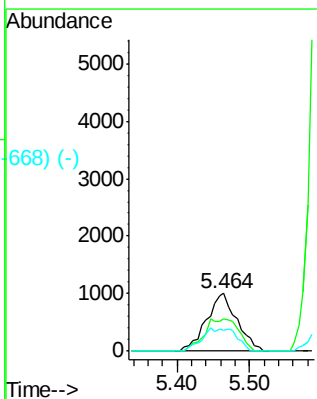
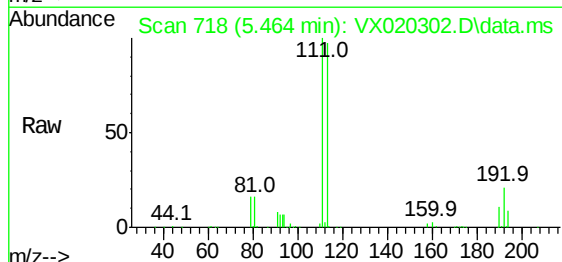
Instrument :
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 ClientSampleId :
 TT101D1-20201211

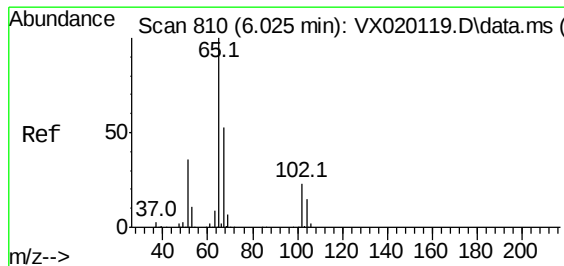
Tgt Ion: 83 Resp: 5427
 Ion Ratio Lower Upper
 83 100
 85 57.3 52.0 78.0



1,1,1-Trichloroethane
 Concen: 0.51 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

Tgt Ion: 97 Resp: 2848
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.5 77.3#
 61 43.4 34.2 51.4

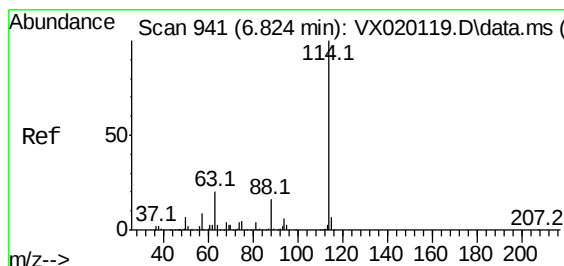
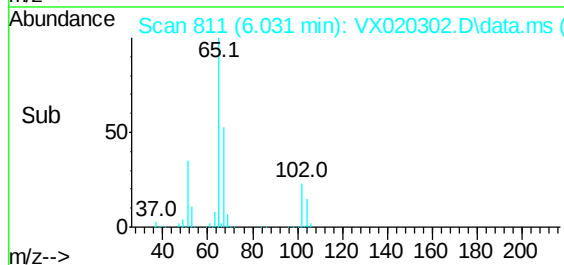
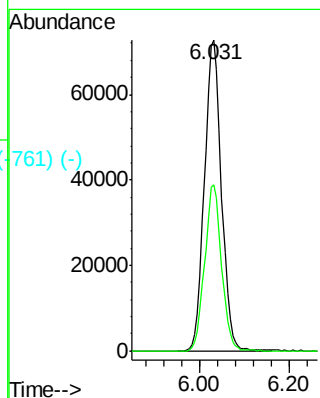
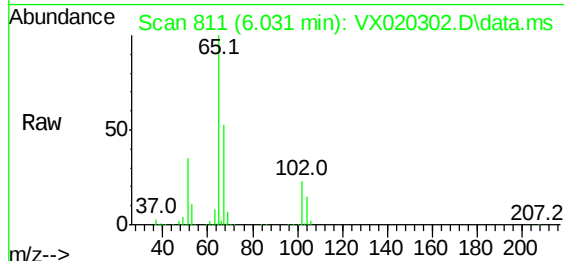




1,2-Dichloroethane-d4
Concen: 47.28 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

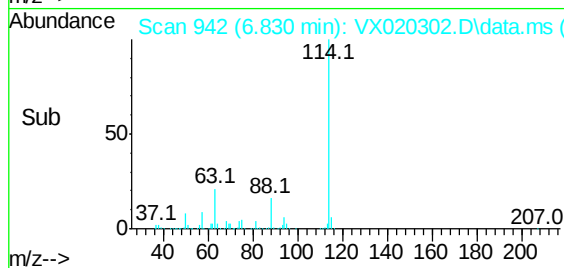
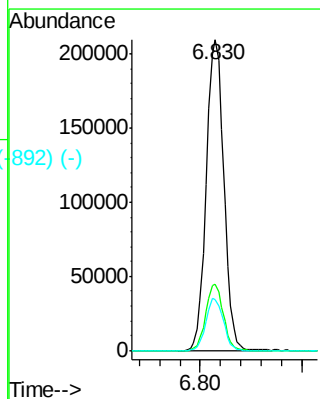
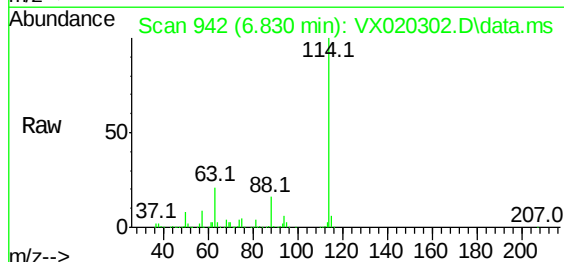
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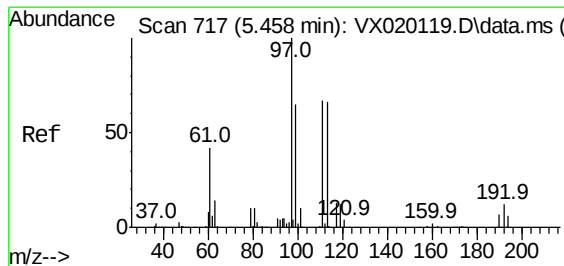
Tgt Ion: 65 Resp: 191027
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

Tgt Ion: 114 Resp: 499553
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.4 0.0 32.8

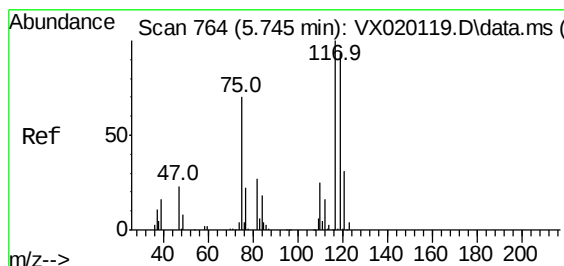
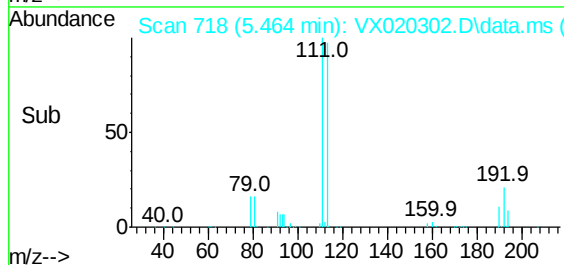
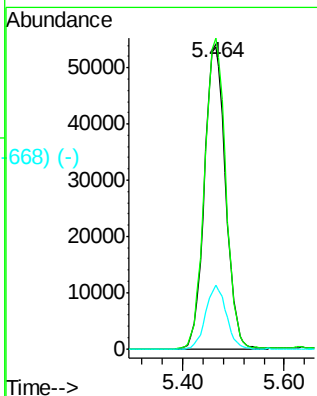
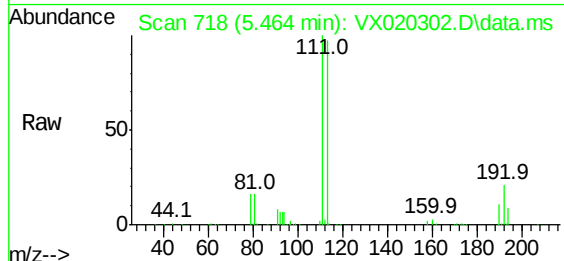




(-7635)
 Dibromofluoromethane
 Concen: 48.43 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

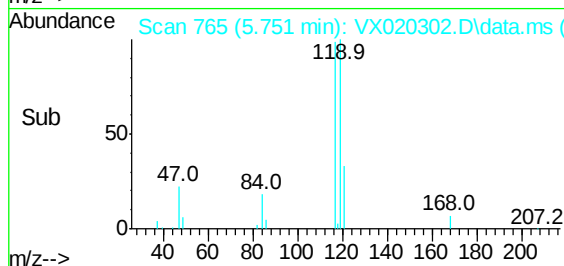
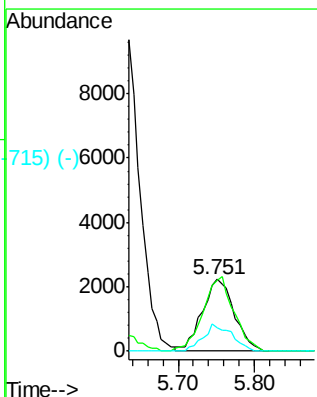
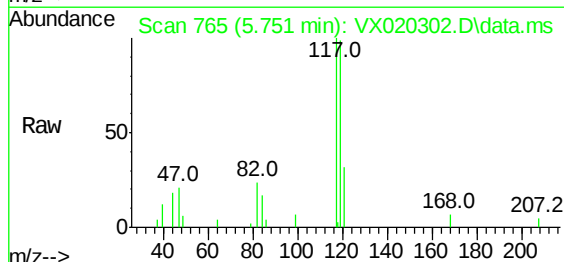
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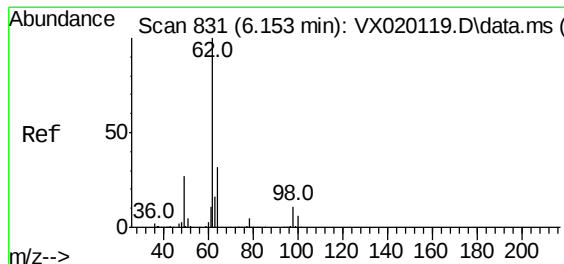
Tgt Ion:113 Resp: 154751
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.9 122.9
 192 20.3 16.7 25.1



(-7638)
 Carbon Tetrachloride
 Concen: 1.36 ug/l
 RT: 5.751 min Scan# 765
 Delta R.T. 0.006 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

Tgt Ion:117 Resp: 6387
 Ion Ratio Lower Upper
 117 100
 119 99.5 76.2 114.2
 121 31.7 24.8 37.2

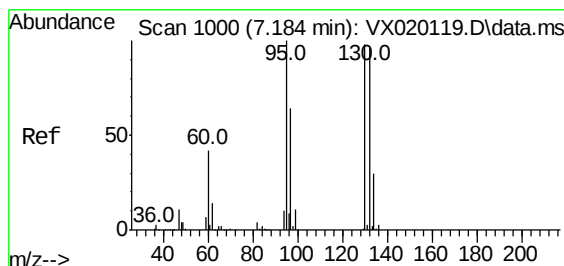
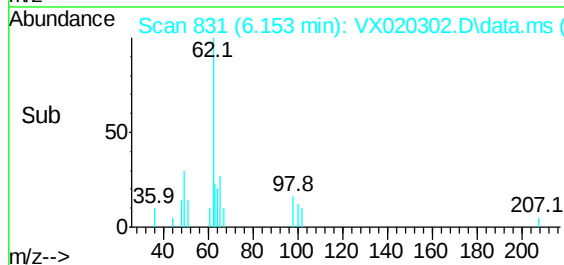
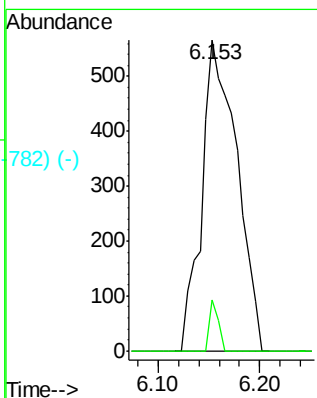
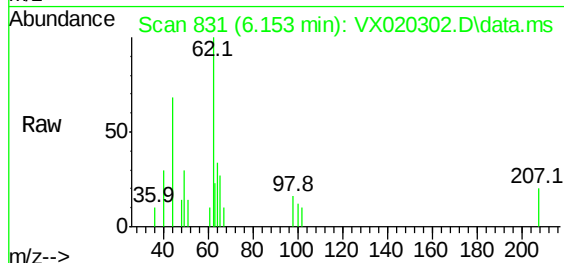




1,2-Dichloroethane
 Concen: 0.26 ug/l
 RT: 6.153 min Scan# 831
 Delta R.T. 0.000 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

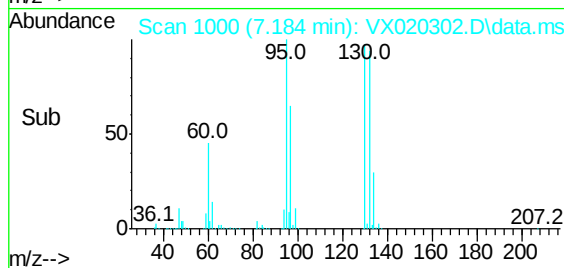
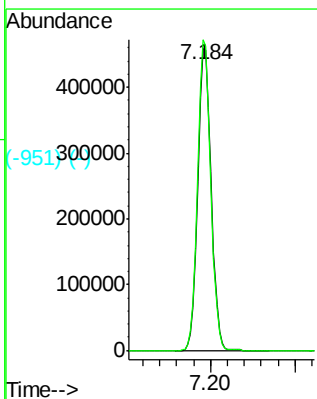
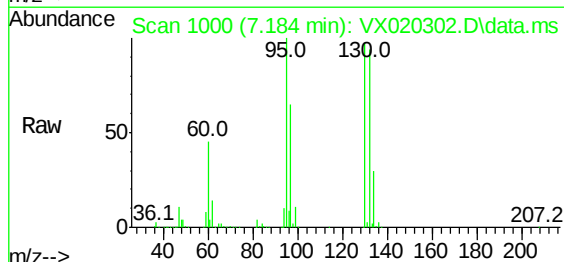
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20201211

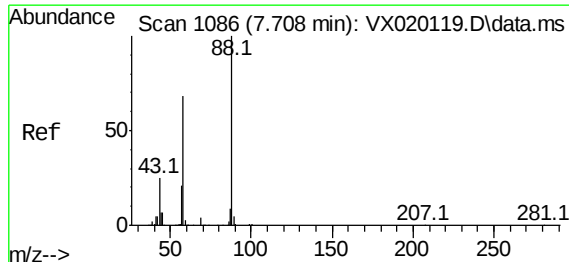
Tgt Ion: 62 Resp: 1357
 Ion Ratio Lower Upper
 62 100
 98 4.0 0.0 20.2



Trichloroethene
 Concen: 250.37 ug/l
 RT: 7.184 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

Tgt Ion: 130 Resp: 994656
 Ion Ratio Lower Upper
 130 100
 95 103.1 0.0 198.0

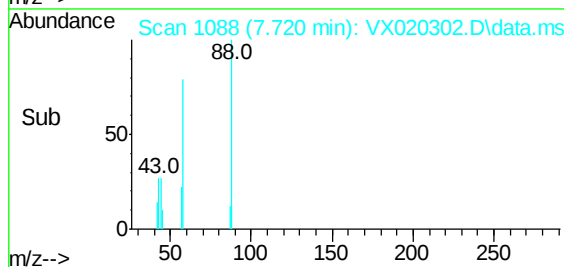
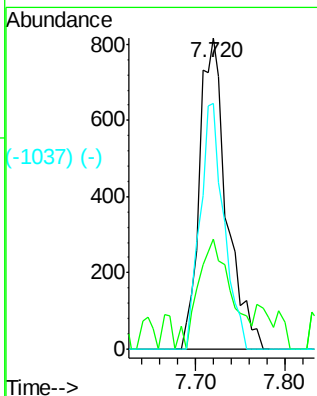
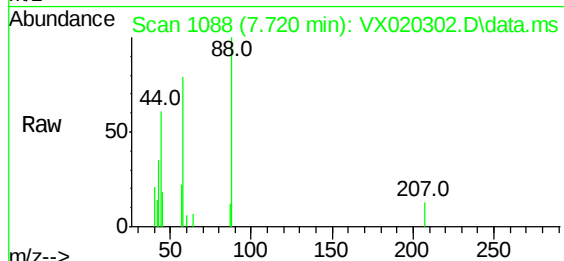




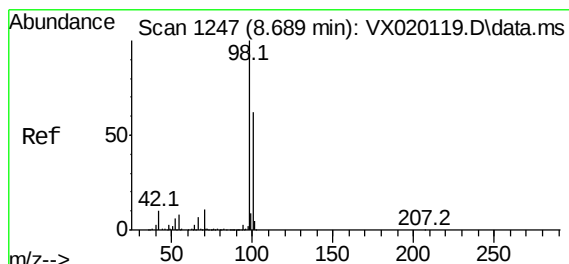
(-1079) (-)
 1,4-Dioxane
 Concen: 18.53 ug/l
 RT: 7.720 min Scan# 1088
 Delta R.T. 0.012 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20201211

Tgt Ion: 88 Resp: 1722
 Ion Ratio Lower Upper
 88 100
 43 41.9 23.2 34.8#
 58 69.4 55.0 82.4

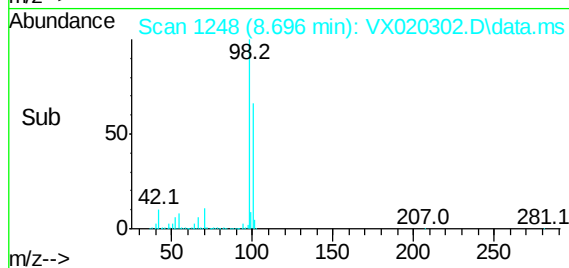
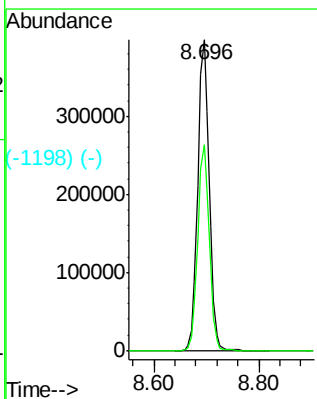
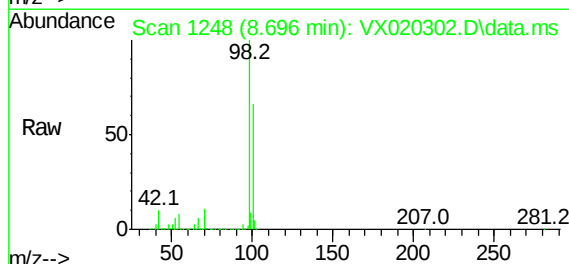


(-1037) (-)

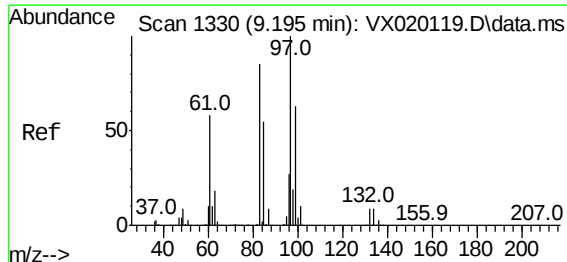


(-1209) (-)
 Toluene-d8
 Concen: 48.88 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.007 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

Tgt Ion: 98 Resp: 601322
 Ion Ratio Lower Upper
 98 100
 100 66.5 51.9 77.9



(-1198) (-)

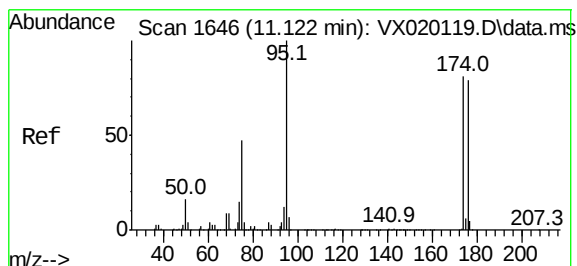
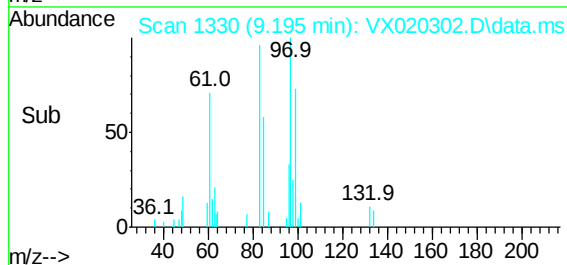
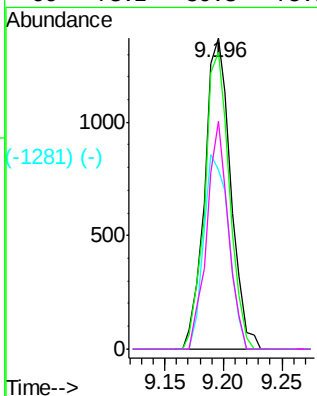
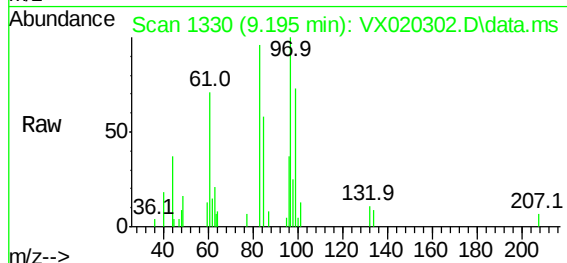


#559 (-)
1,1,2-Trichloroethane
Concen: 0.55 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20201211

Tgt Ion: 97 Resp: 2132

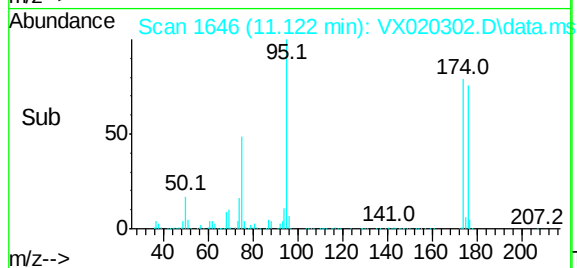
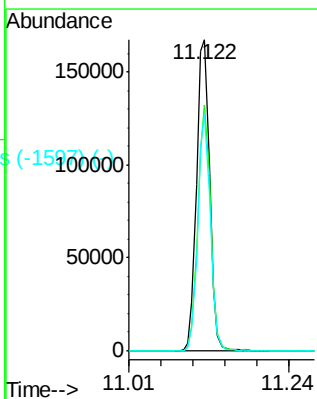
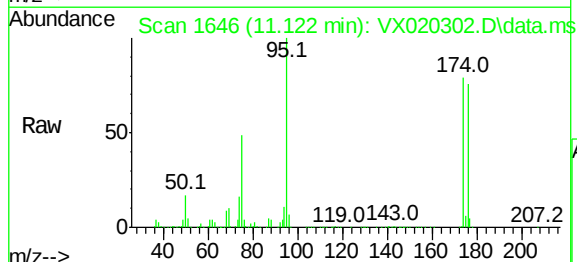
Ion	Ratio	Lower	Upper
97	100		
83	95.6	69.3	103.9
85	57.6	44.3	66.5
99	73.1	50.3	75.5

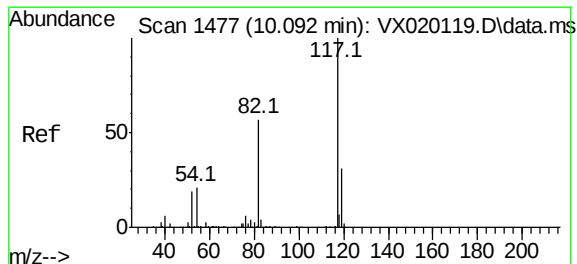


#639 (-)
4-Bromofluorobenzene
Concen: 46.18 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

Tgt Ion: 95 Resp: 217423

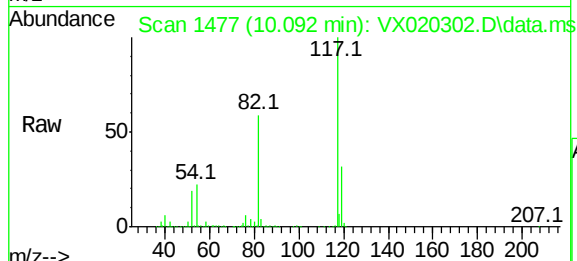
Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	154.6
176	72.6	0.0	155.8





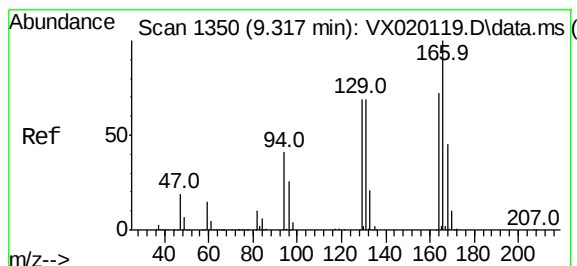
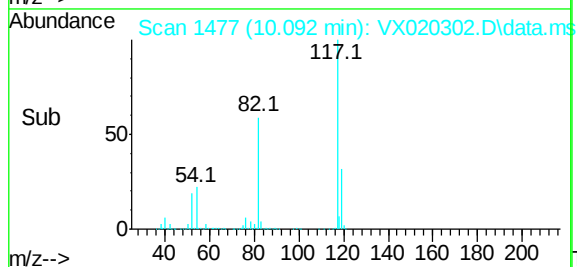
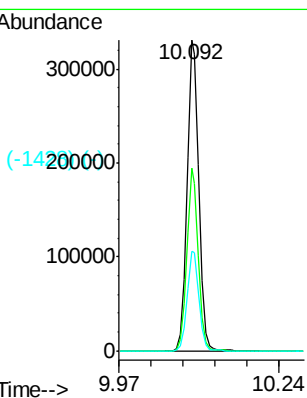
#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20201211

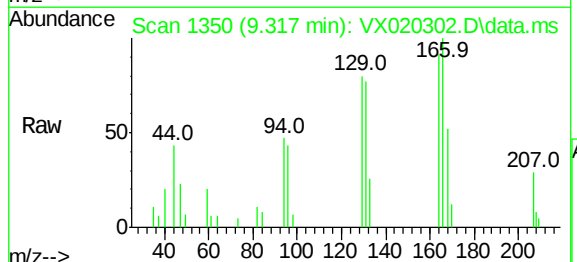


Tgt Ion:117 Resp: 457796

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.4	71.2
119	32.1	26.6	39.8

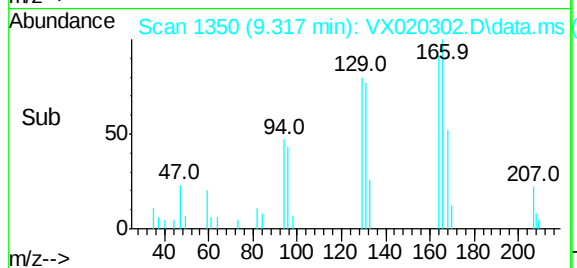
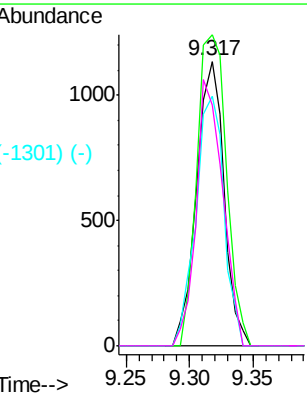


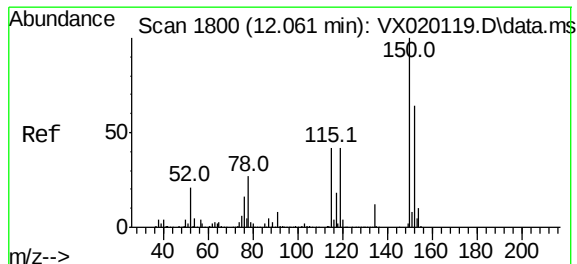
#642 (-)
Tetrachloroethene
Concen: 0.48 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020302.D
Acq: 22 Dec 2020 14:43



Tgt Ion:164 Resp: 1651

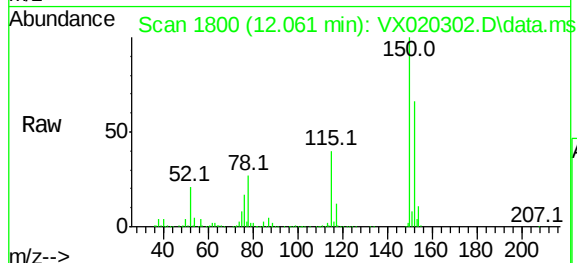
Ion	Ratio	Lower	Upper
164	100		
166	109.3	103.4	155.2
129	87.6	70.8	106.2
131	84.5	72.5	108.7





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020302.D
 Acq: 22 Dec 2020 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20201211



Tgt Ion:	152	Resp:	202014
Ion Ratio	Lower	Upper	
152	100		
115	59.0	41.1	123.3
150	150.9	0.0	349.0

