

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020344.D
 Acq On : 23 Dec 2020 17:27
 Operator : JC/MD
 Sample : L5123-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20201214

Quant Time: Dec 24 00:19:27 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)

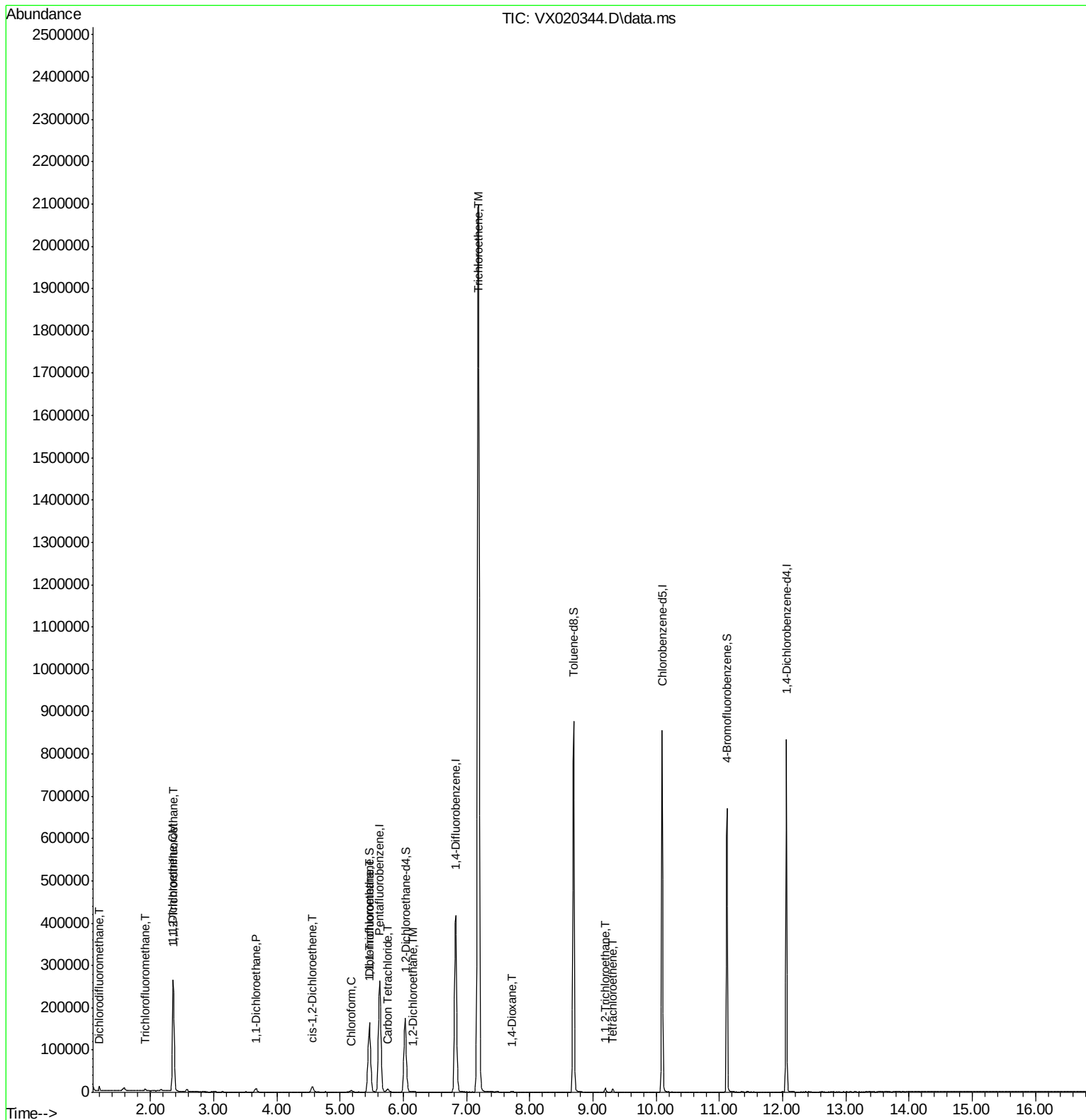
Internal Standards						
1) Pentafluorobenzene	5.629	168	248200	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	418228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	403544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	167548	50.36	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	100.72%	
35) Dibromofluoromethane	5.464	113	136053	50.85	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	101.70%	
50) Toluene-d8	8.695	98	518238	50.32	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.122	95	186455	47.31	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	94.62%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	1003	0.37	ug/l	95
7) Trichlorofluoromethane	1.922	101	2516	0.57	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.367	101	68601	27.69	ug/l	97
12) 1,1-Dichloroethene	2.355	96	42981	16.95	ug/l	95
24) 1,1-Dichloroethane	3.672	63	9640	1.78	ug/l	94
27) cis-1,2-Dichloroethene	4.562	96	8094	2.33	ug/l	88
30) Chloroform	5.172	83	3956	0.72	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	8191	1.78	ug/l	97
38) Carbon Tetrachloride	5.751	117	6161	1.57	ug/l	96
42) 1,2-Dichloroethane	6.159	62	1852	0.42	ug/l	80
44) Trichloroethene	7.184	130	823058	247.46	ug/l	98
49) 1,4-Dioxane	7.720	88	1135	14.59	ug/l #	94
55) 1,1,2-Trichloroethane	9.195	97	2820	0.87	ug/l	95
64) Tetrachloroethene	9.317	164	1632	0.54	ug/l	97

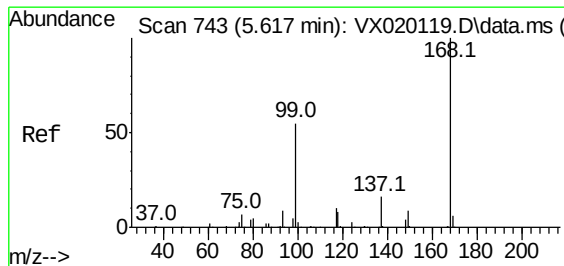
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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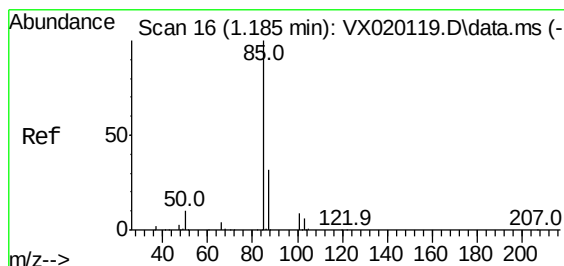
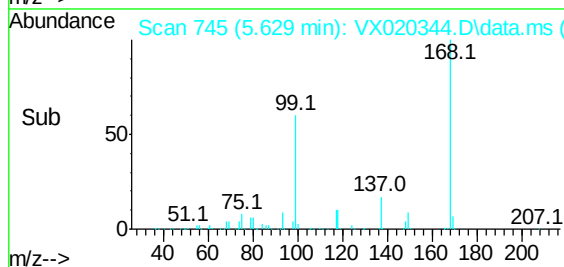
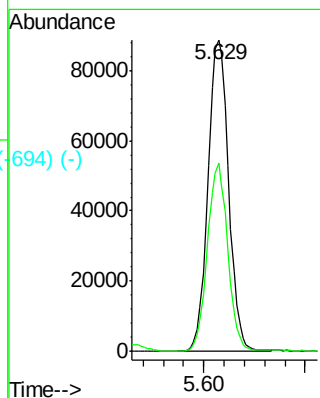
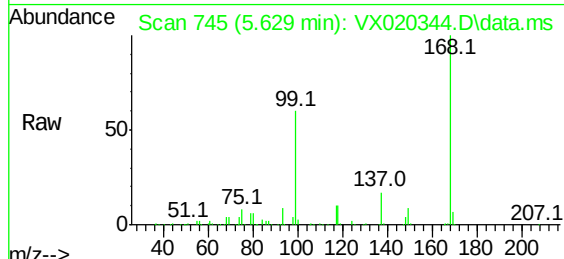




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

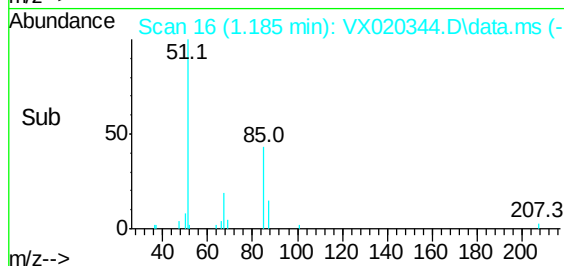
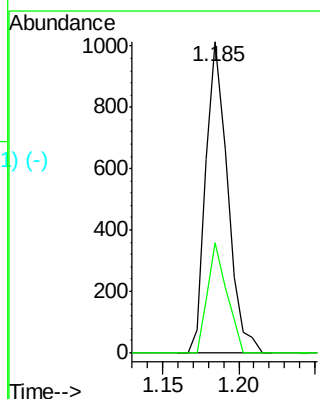
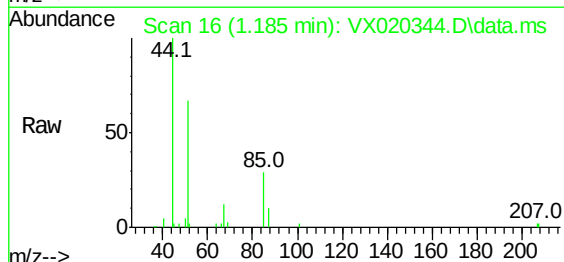
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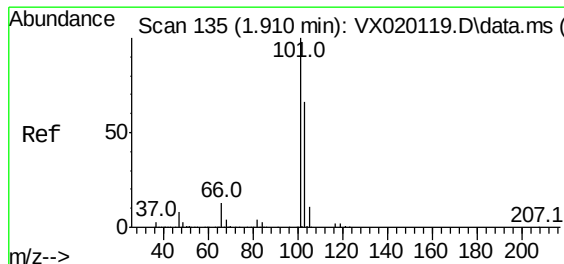
Tgt Ion:168 Resp: 248200
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



Dichlorodifluoromethane
Concen: 0.37 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

Tgt Ion: 85 Resp: 1003
Ion Ratio Lower Upper
85 100
87 35.5 16.4 49.2

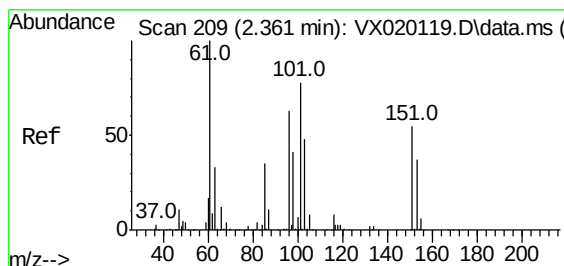
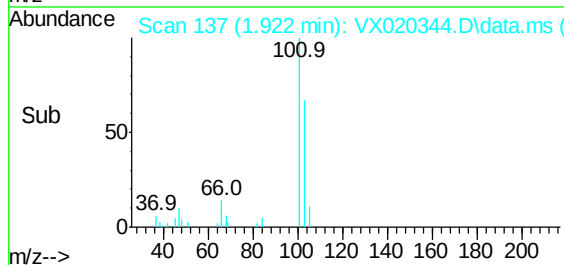
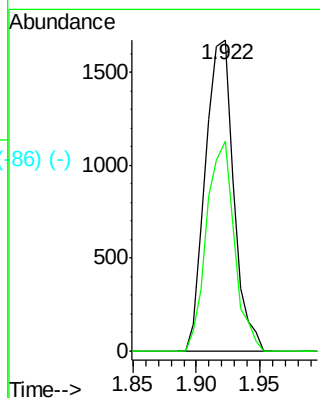
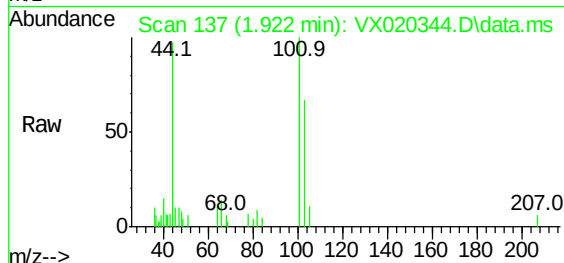




Trichlorofluoromethane
 Concen: 0.57 ug/l
 RT: 1.922 min Scan# 137
 Delta R.T. 0.012 min
 Lab File: VX020344.D
 Acq: 23 Dec 2020 17:27

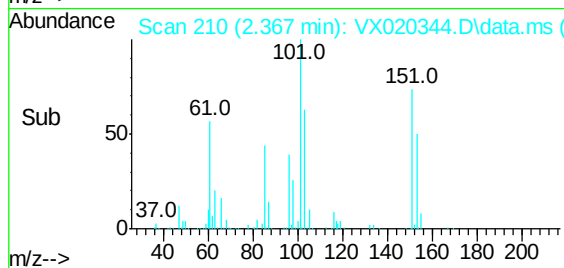
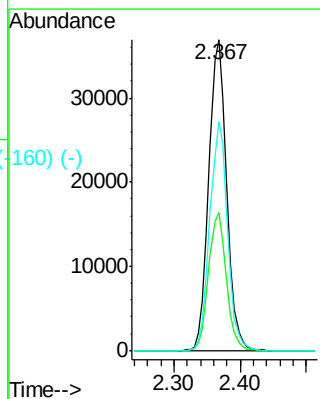
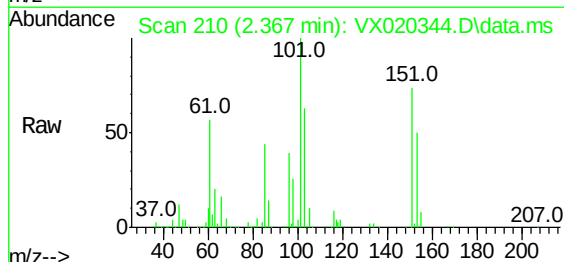
Instrument :
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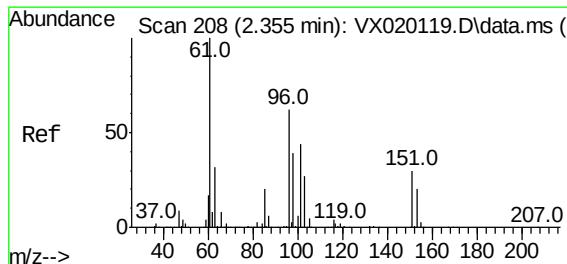
Tgt Ion:101 Resp: 2516
 Ion Ratio Lower Upper
 101 100
 103 67.3 53.2 79.8



1,1,2-Trichlorotrifluoroethane
 Concen: 27.69 ug/l
 RT: 2.367 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VX020344.D
 Acq: 23 Dec 2020 17:27

Tgt Ion:101 Resp: 68601
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.9 52.3
 151 73.6 61.4 92.2

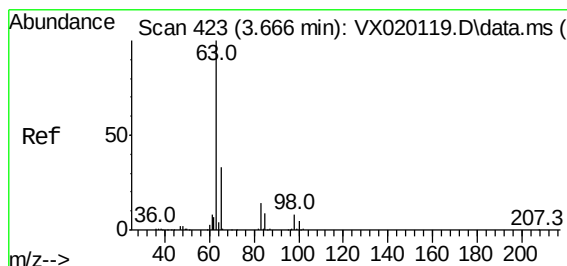
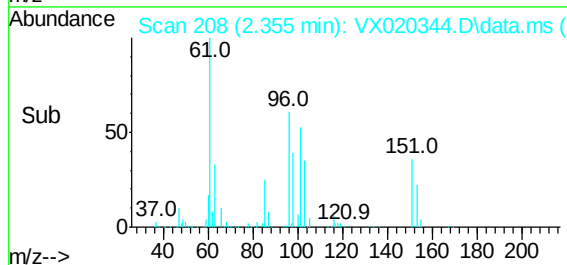
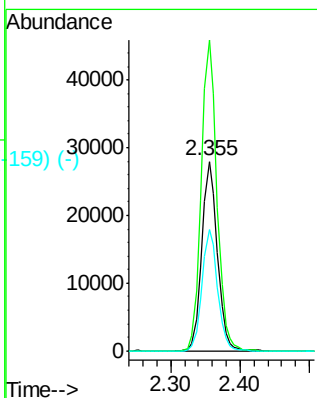
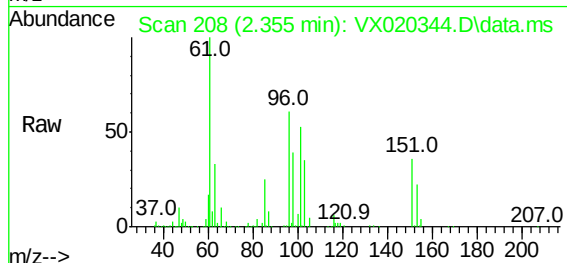




1,1-Dichloroethene
Concen: 16.95 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

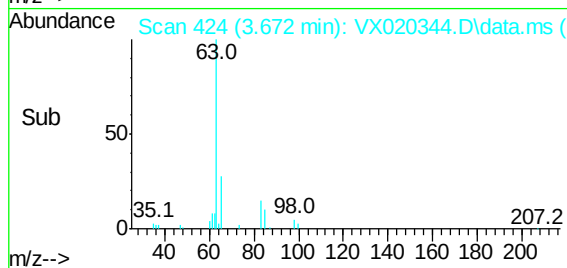
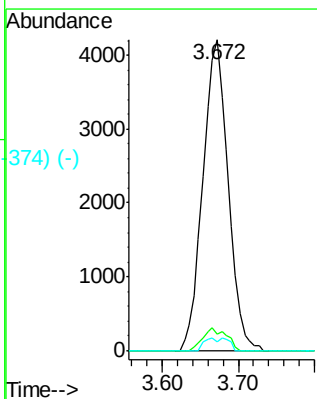
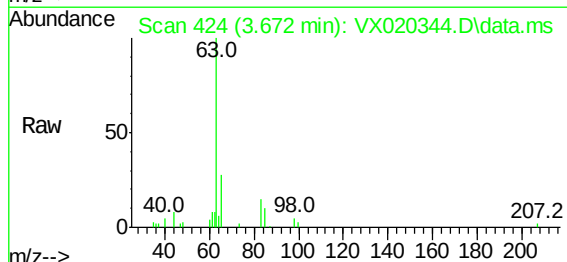
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20201214

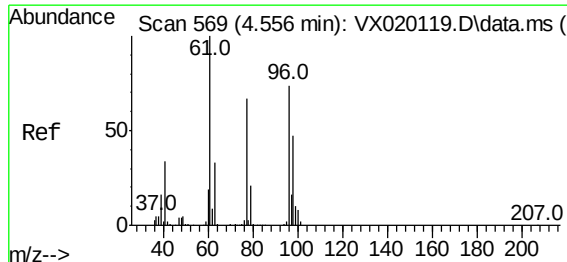
Tgt Ion: 96 Resp: 42981
Ion Ratio Lower Upper
96 100
61 164.1 124.6 187.0
98 63.9 50.6 76.0



1,1-Dichloroethane
Concen: 1.78 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

Tgt Ion: 63 Resp: 9640
Ion Ratio Lower Upper
63 100
98 5.4 3.8 11.2
100 2.8 2.5 7.5

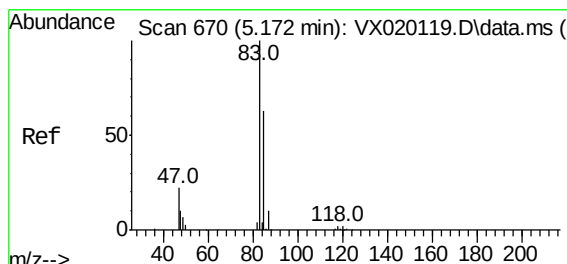
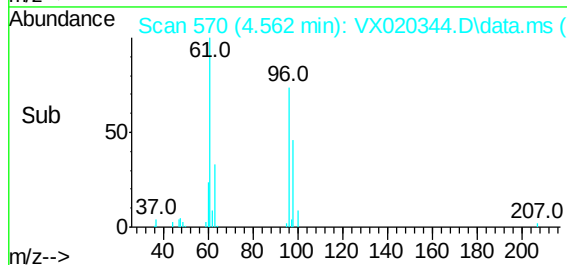
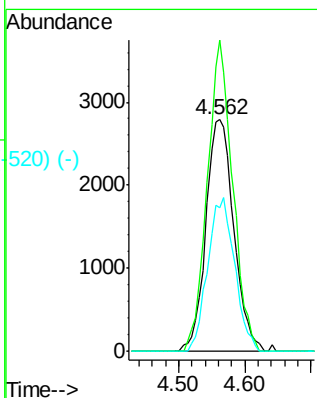
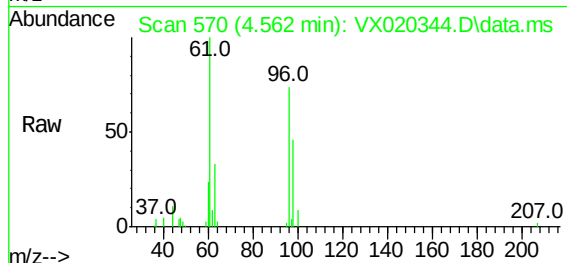




#27 (-)
 cis-1,2-Dichloroethene
 Concen: 2.33 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020344.D
 Acq: 23 Dec 2020 17:27

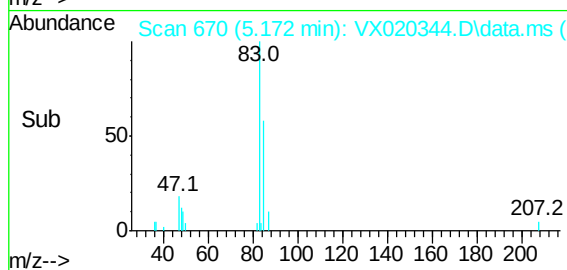
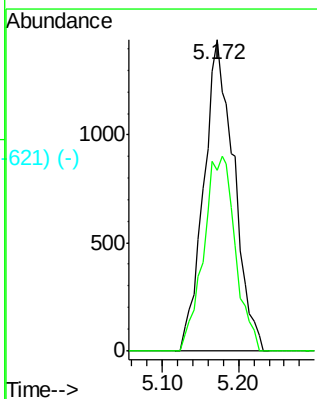
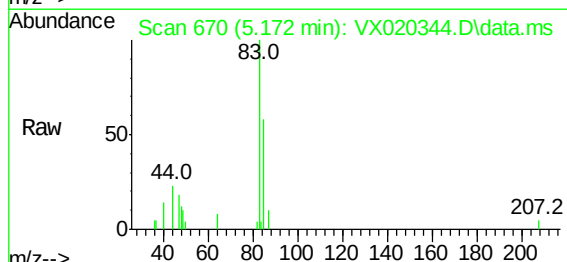
Instrument :
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 ClientSampleId :
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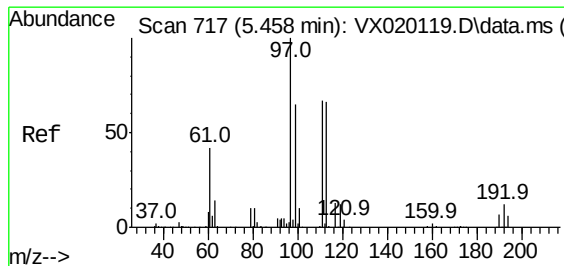
Tgt Ion:	96	Resp:	8094
Ion	Ratio	Lower	Upper
96	100		
61	121.9	0.0	285.6
98	63.8	0.0	129.6



#69 (-)
 Chloroform
 Concen: 0.72 ug/l
 RT: 5.172 min Scan# 670
 Delta R.T. -0.000 min
 Lab File: VX020344.D
 Acq: 23 Dec 2020 17:27

Tgt Ion:	83	Resp:	3956
Ion	Ratio	Lower	Upper
83	100		
85	58.0	52.0	78.0

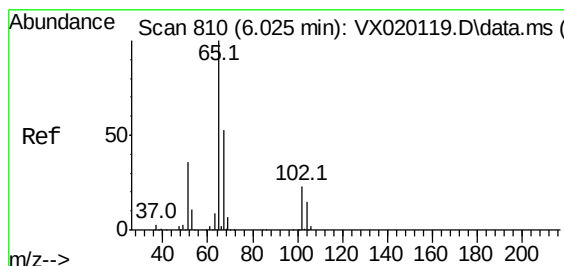
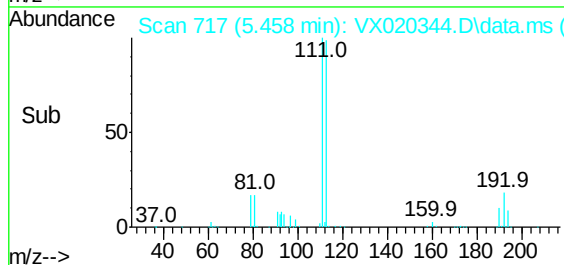
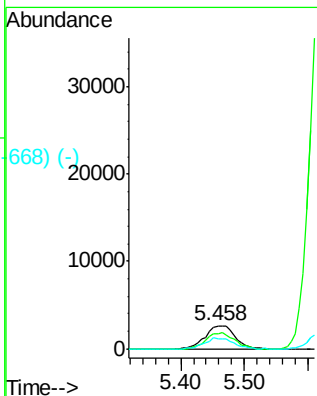
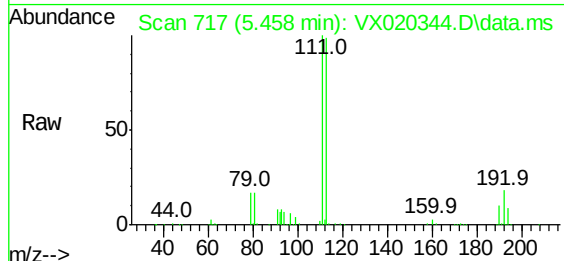




1,1,1-Trichloroethane
Concen: 1.78 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

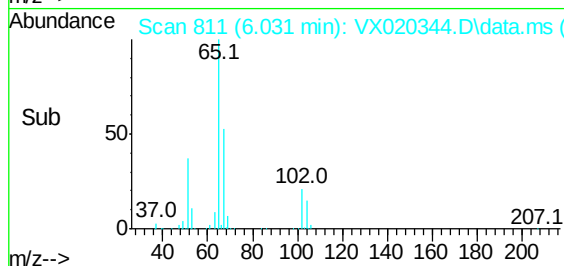
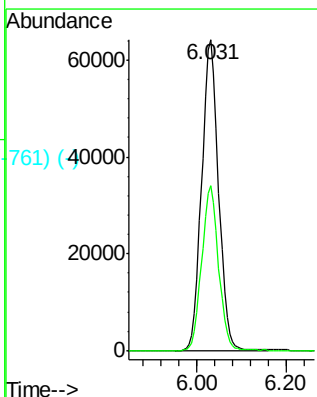
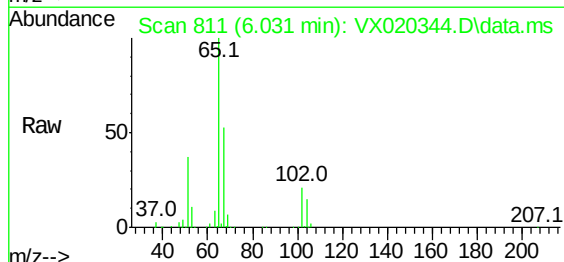
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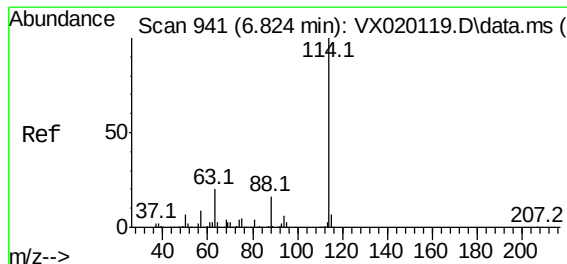
Tgt Ion:	97	Resp:	8191
Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.5	77.3
61	44.9	34.2	51.4



1,2-Dichloroethane-d4
Concen: 50.36 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

Tgt Ion:	65	Resp:	167548
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.4

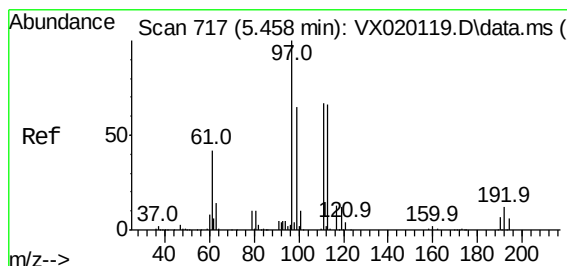
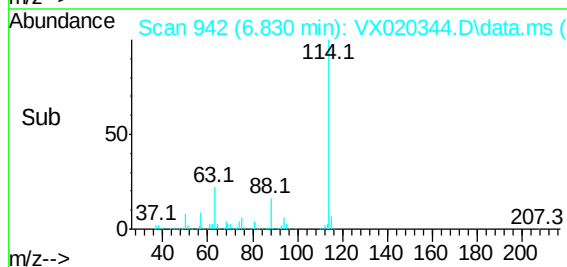
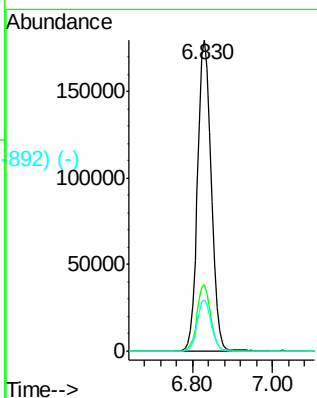
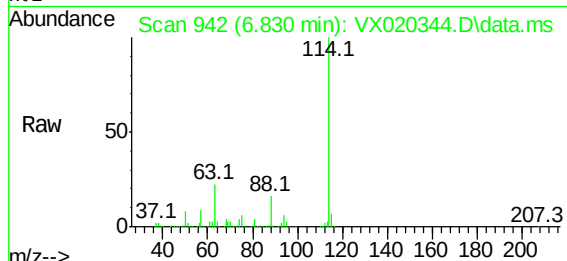




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

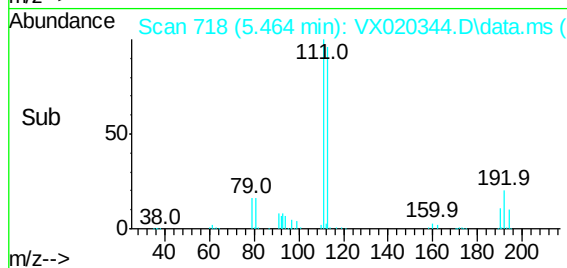
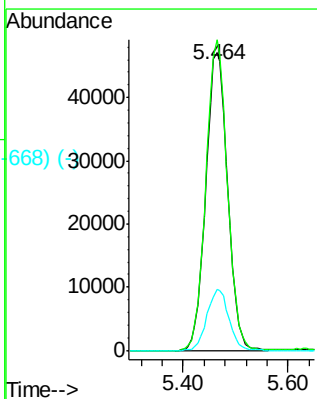
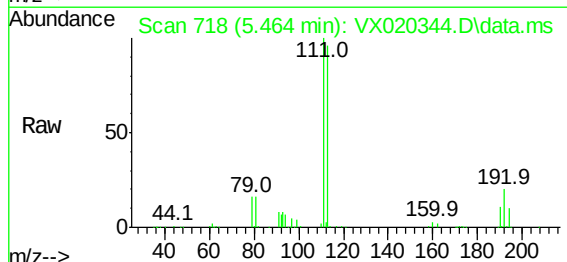
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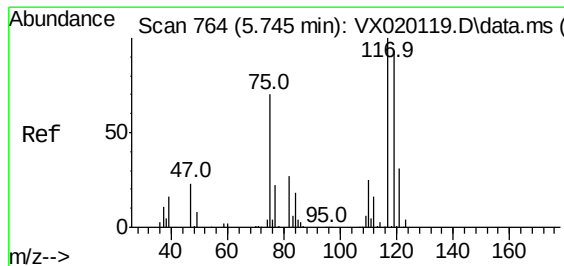
Tgt Ion:	114	Resp:	418228
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	40.8
88	16.5	0.0	32.8



Dibromofluoromethane
Concen: 50.85 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

Tgt Ion:	113	Resp:	136053
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.9	122.9
192	20.3	16.7	25.1

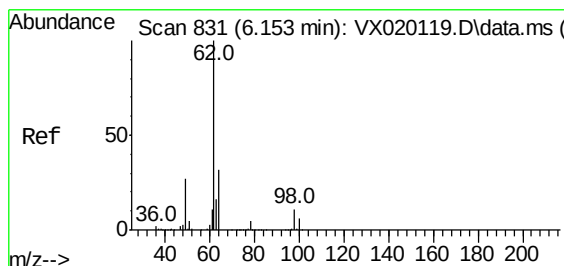
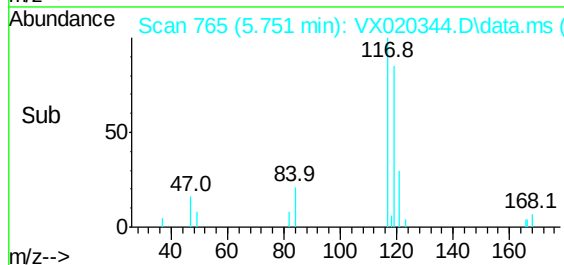
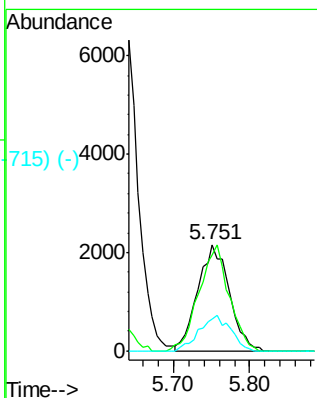
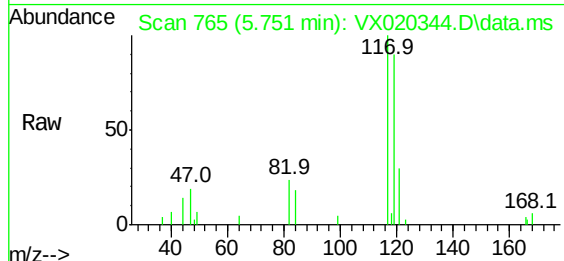




Carbon Tetrachloride
 Concen: 1.57 ug/l
 RT: 5.751 min Scan# 765
 Delta R.T. 0.006 min
 Lab File: VX020344.D
 Acq: 23 Dec 2020 17:27

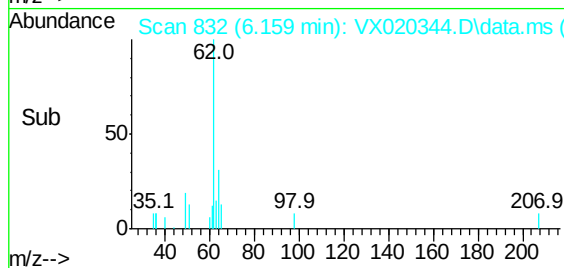
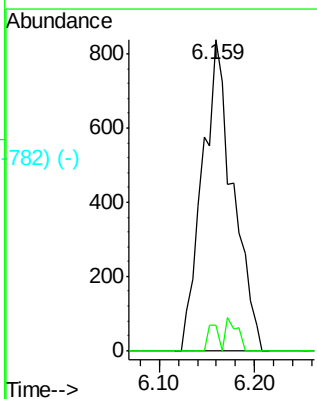
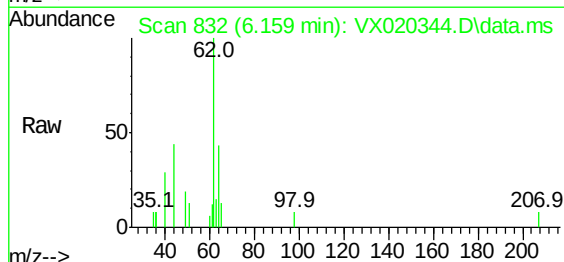
Instrument :
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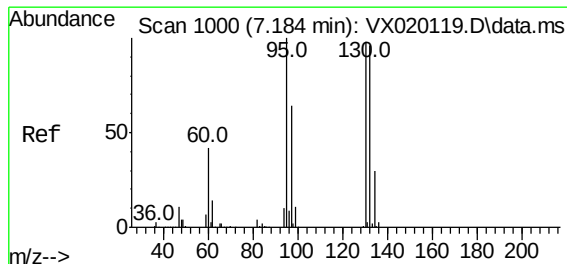
Tgt Ion:	117	Resp:	6161
Ion	Ratio	Lower	Upper
117	100		
119	90.1	76.2	114.2
121	30.0	24.8	37.2



1,2-Dichloroethane
 Concen: 0.42 ug/l
 RT: 6.159 min Scan# 832
 Delta R.T. 0.006 min
 Lab File: VX020344.D
 Acq: 23 Dec 2020 17:27

Tgt Ion:	62	Resp:	1852
Ion	Ratio	Lower	Upper
62	100		
98	2.8	0.0	20.2

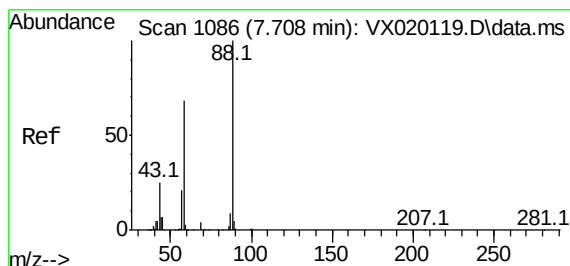
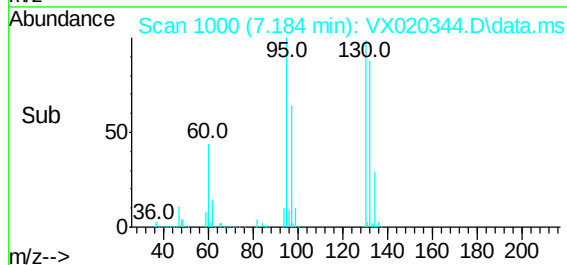
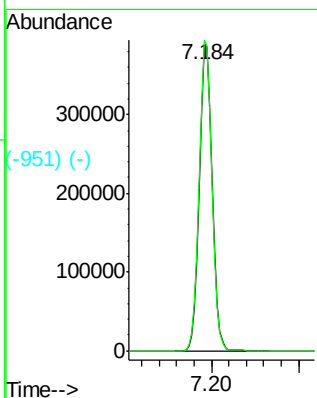
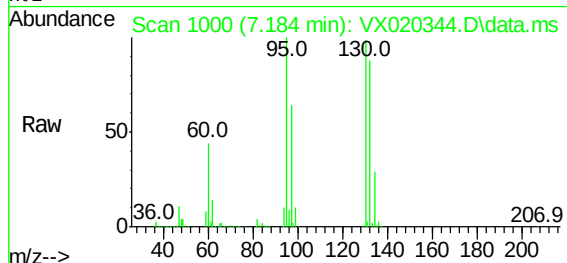




(-949) (-)
 Trichloroethene
 Concen: 247.46 ug/l
 RT: 7.184 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VX020344.D
 Acq: 23 Dec 2020 17:27

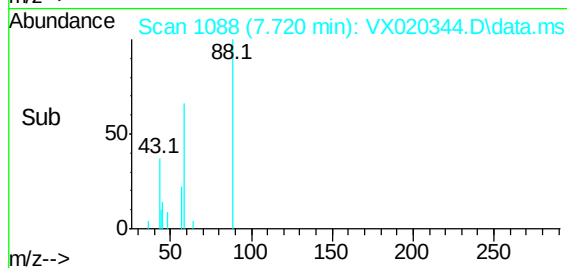
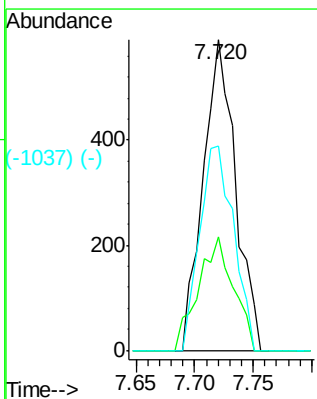
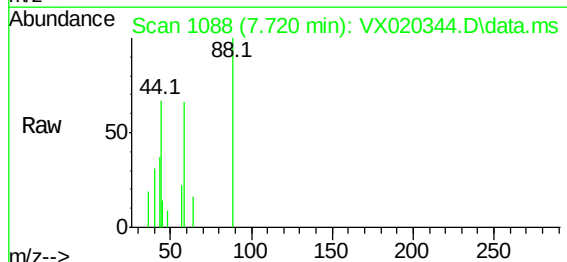
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20201214

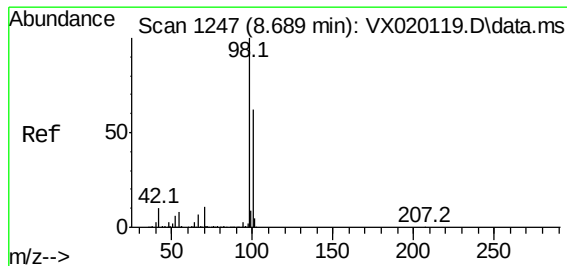
Tgt Ion:130 Resp: 823058
 Ion Ratio Lower Upper
 130 100
 95 101.5 0.0 198.0



(-1079) (-)
 1,4-Dioxane
 Concen: 14.59 ug/l
 RT: 7.720 min Scan# 1088
 Delta R.T. 0.012 min
 Lab File: VX020344.D
 Acq: 23 Dec 2020 17:27

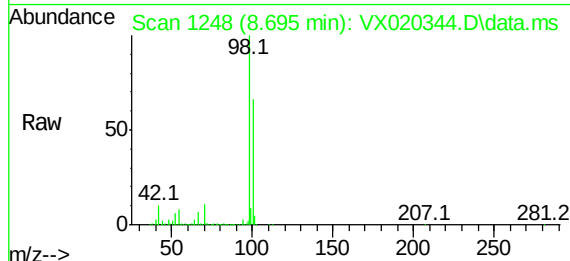
Tgt Ion: 88 Resp: 1135
 Ion Ratio Lower Upper
 88 100
 43 39.6 23.2 34.8#
 58 68.9 55.0 82.4



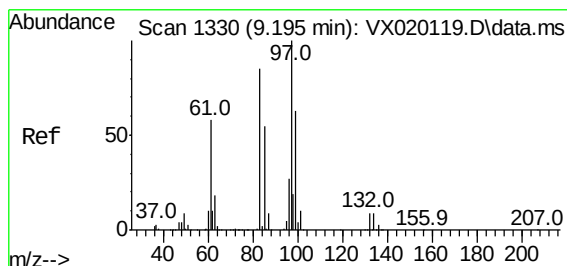
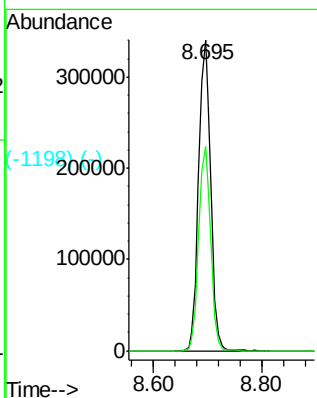
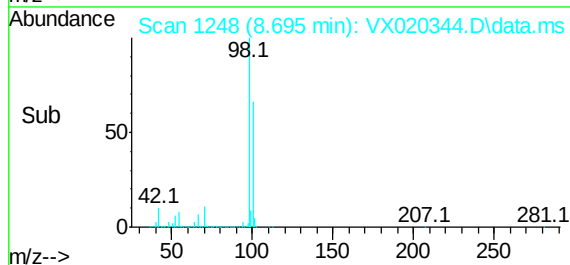


#599 (-)
Toluene-d8
Concen: 50.32 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20201214

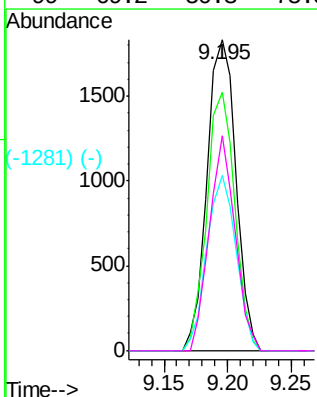
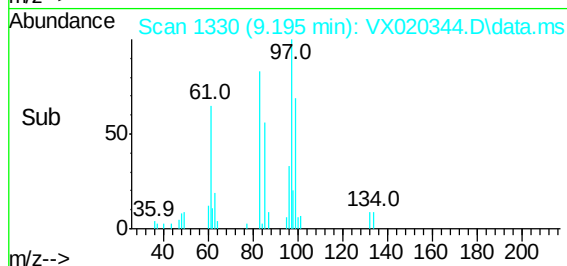
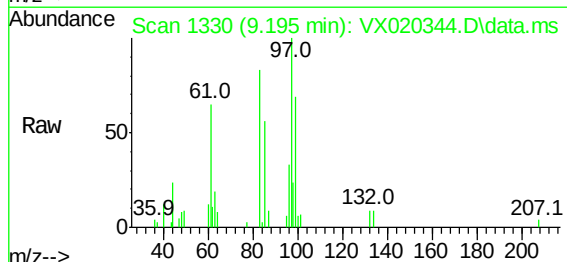


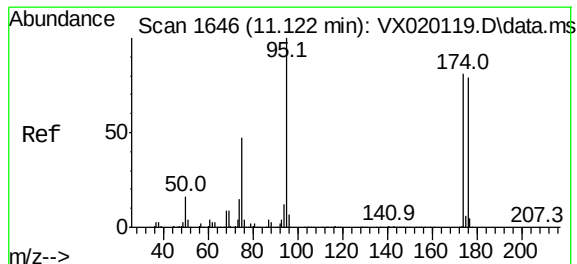
Tgt Ion: 98 Resp: 518238
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#559 (-)
1,1,2-Trichloroethane
Concen: 0.87 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

Tgt Ion: 97 Resp: 2820
Ion Ratio Lower Upper
97 100
83 83.0 69.3 103.9
85 56.4 44.3 66.5
99 69.2 50.3 75.5

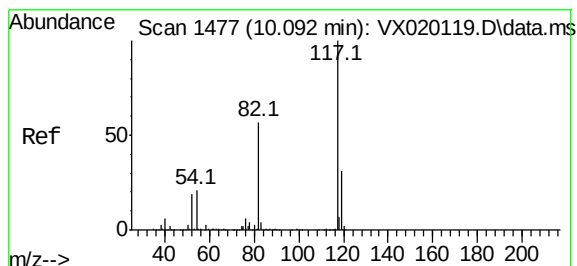
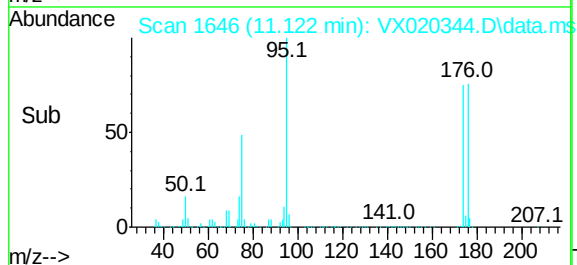
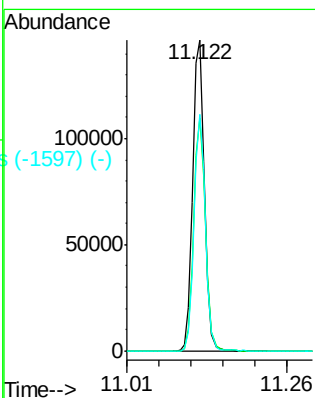
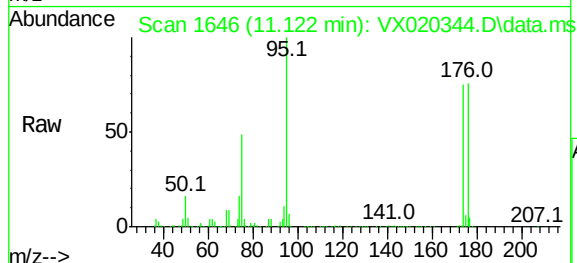




4-Bromofluorobenzene
 Concen: 47.31 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020344.D
 Acq: 23 Dec 2020 17:27

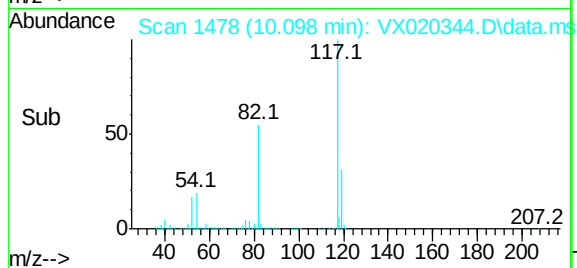
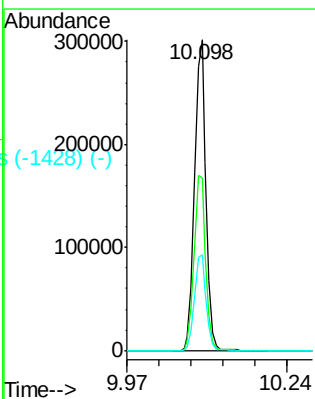
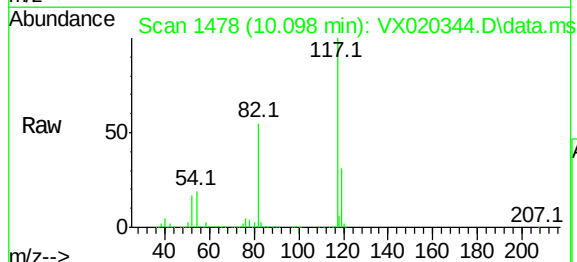
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20201214

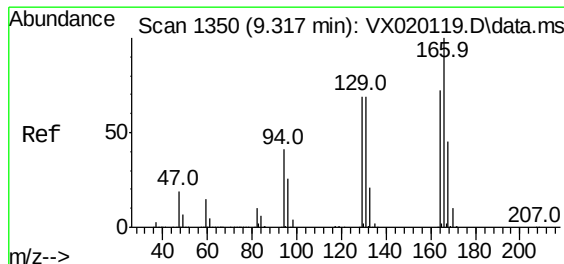
Tgt Ion:	95	Resp:	186455
Ion Ratio	Lower	Upper	
95	100		
174	75.5	0.0	154.6
176	74.1	0.0	155.8



Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020344.D
 Acq: 23 Dec 2020 17:27

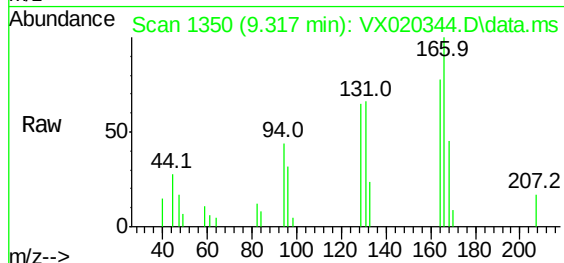
Tgt Ion:	117	Resp:	403544
Ion Ratio	Lower	Upper	
117	100		
82	55.4	47.4	71.2
119	30.9	26.6	39.8





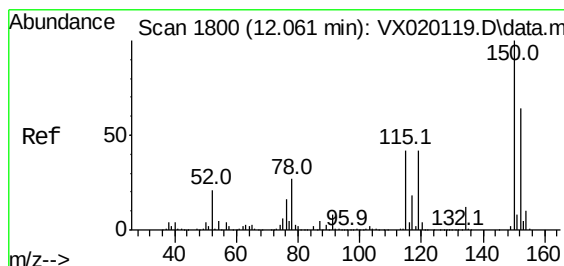
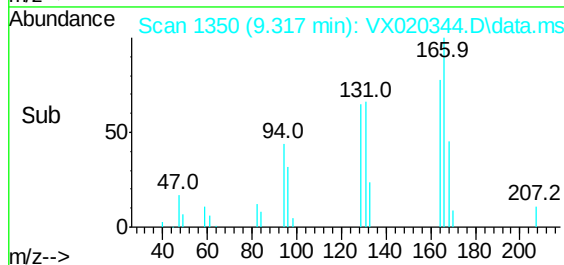
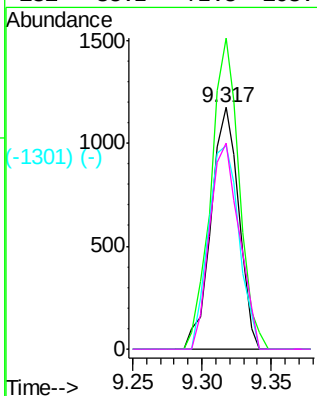
#642 (-)
Tetrachloroethene
Concen: 0.54 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020344.D
Acq: 23 Dec 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20201214

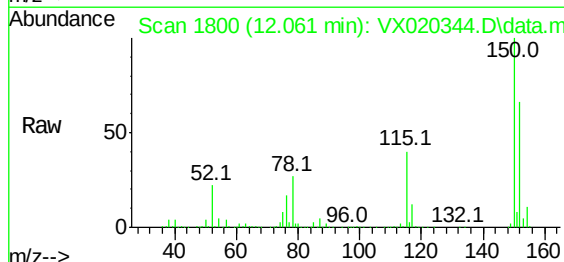


Tgt Ion:164 Resp: 1632

Ion	Ratio	Lower	Upper
164	100		
166	128.7	103.4	155.2
129	84.0	70.8	106.2
131	85.1	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: VX020344.D
Acq: 23 Dec 2020 17:27



Tgt Ion:152 Resp: 168125

Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.1	123.3
150	156.2	0.0	349.0

