

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX122120\
 Data File : VX020260.D
 Acq On : 21 Dec 2020 19:09
 Operator : JC/MD
 Sample : L5053-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20201210

Quant Time: Dec 22 01:36:34 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

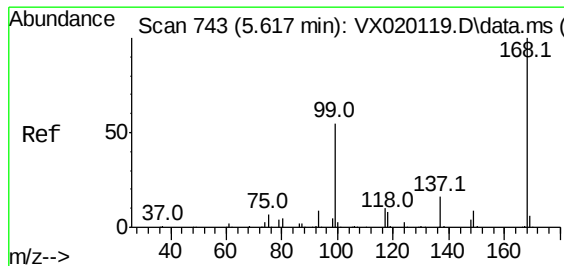
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	264820	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	446743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	410109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	177016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	177591	50.03	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	100.06%	
35) Dibromofluoromethane	5.465	113	143739	50.30	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.60%	
50) Toluene-d8	8.696	98	545588	49.60	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.122	95	191742	45.54	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	91.08%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	922	0.32	ug/l	93
3) Chloromethane	1.313	50	1100	0.33	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.368	101	52146	19.72	ug/l	95
12) 1,1-Dichloroethene	2.355	96	5121	1.89	ug/l	98
16) Acetone	2.416	43	6242	3.86	ug/l	98
25) 2-Butanone	4.641	43	2443	1.04	ug/l	97
27) cis-1,2-Dichloroethene	4.556	96	10404	2.81	ug/l	90
30) Chloroform	5.172	83	3139	0.53	ug/l	95
38) Carbon Tetrachloride	5.751	117	2466	0.59	ug/l	91
44) Trichloroethene	7.190	130	1544906	434.85	ug/l	95
49) 1,4-Dioxane	7.726	88	1580	19.01	ug/l #	93
55) 1,1,2-Trichloroethane	9.196	97	1156	0.33	ug/l	93
64) Tetrachloroethene	9.317	164	11972	3.87	ug/l	95

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

Quant Time: Dec 22 01:36:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

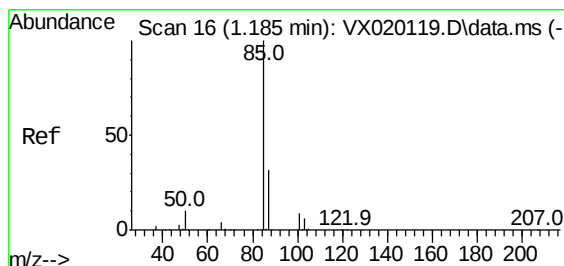
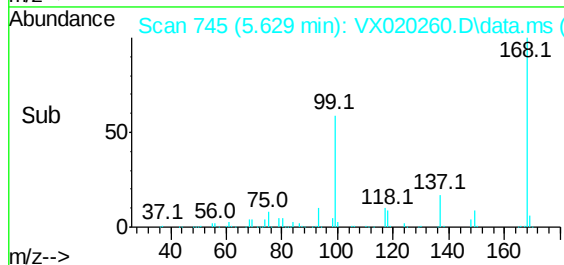
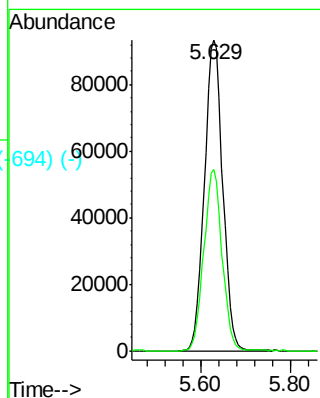
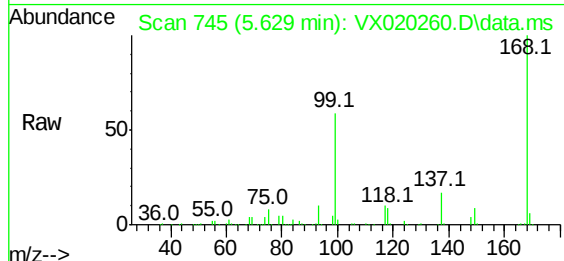




Scan 743 (5.617 min): VX020119.D\data.ms (-750) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
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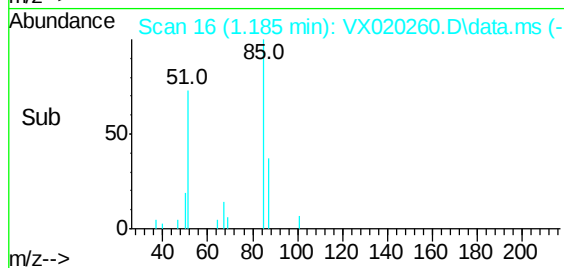
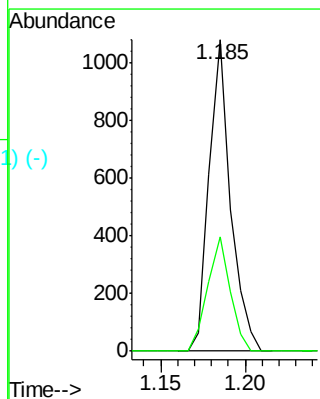
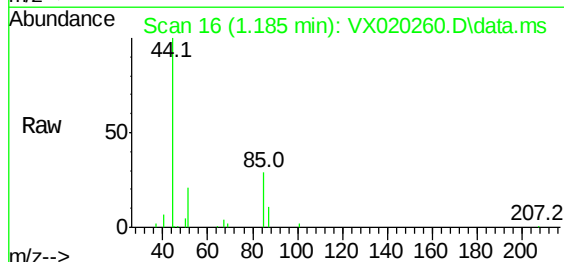
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 MSVOA_X
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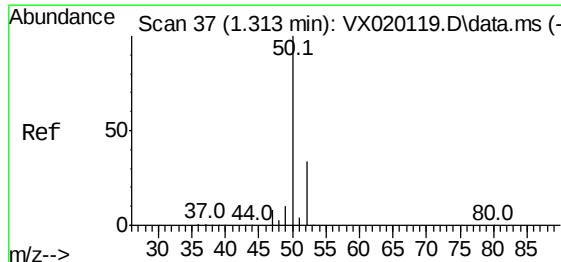
Tgt Ion:168 Resp: 264820
 Ion Ratio Lower Upper
 168 100
 99 58.6 45.8 68.6



Scan 16 (1.185 min): VX020119.D\data.ms (-1172) (-)
 Dichlorodifluoromethane
 Concen: 0.32 ug/l
 RT: 1.185 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VX020260.D
 Acq: 21 Dec 2020 19:09

Tgt Ion: 85 Resp: 922
 Ion Ratio Lower Upper
 85 100
 87 36.6 16.4 49.2

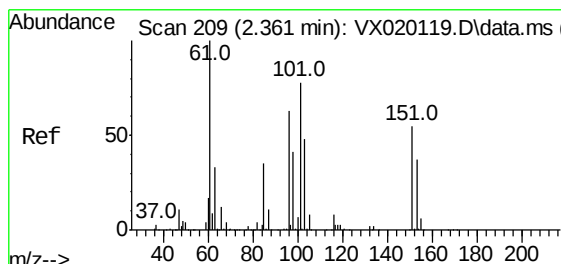
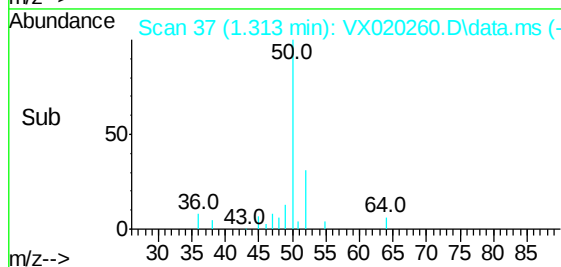
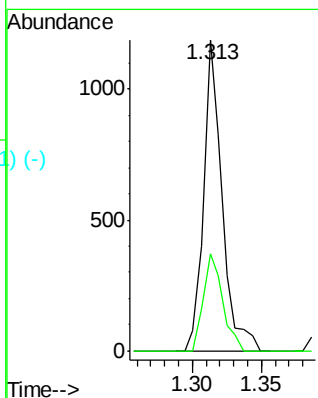
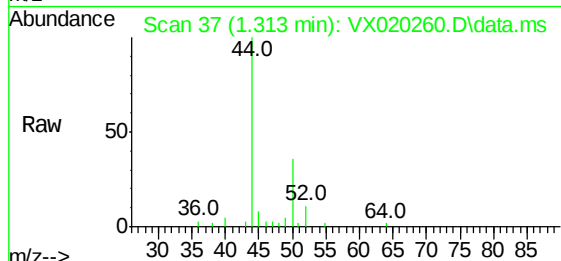




Chloromethane
 Concen: 0.33 ug/l
 RT: 1.313 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: VX020260.D
 Acq: 21 Dec 2020 19:09

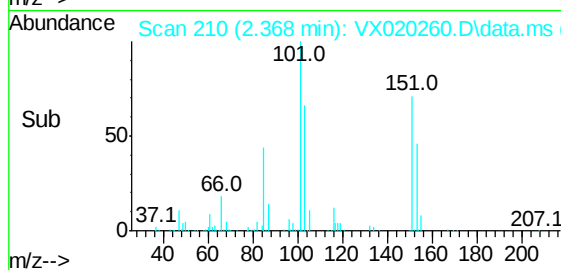
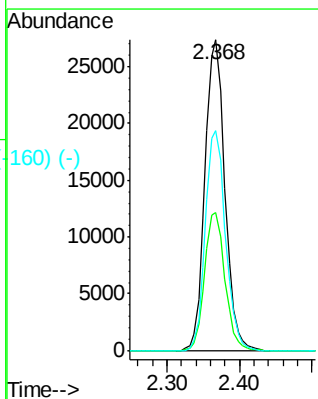
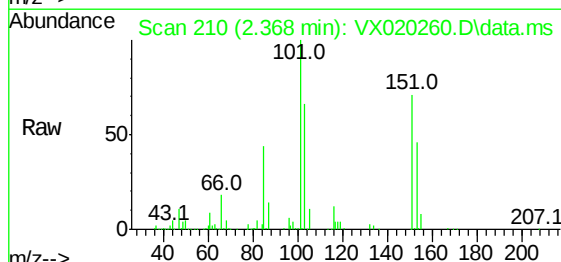
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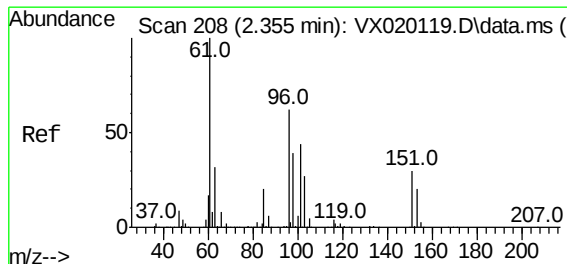
Tgt Ion: 50 Resp: 1100
 Ion Ratio Lower Upper
 50 100
 52 31.2 26.4 39.6



1,1,2-Trichlorotrifluoroethane
 Concen: 19.72 ug/l
 RT: 2.368 min Scan# 210
 Delta R.T. 0.007 min
 Lab File: VX020260.D
 Acq: 21 Dec 2020 19:09

Tgt Ion: 101 Resp: 52146
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.9 52.3
 151 71.6 61.4 92.2

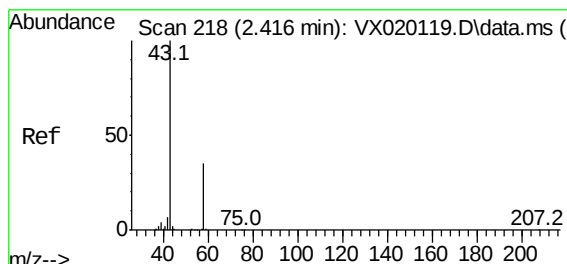
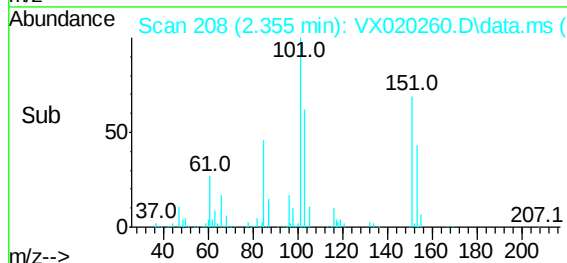
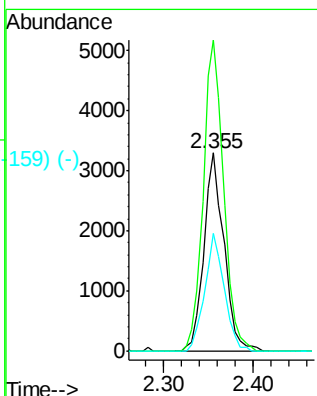
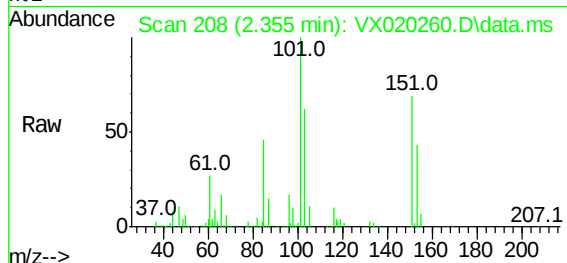




1,1-Dichloroethene
Concen: 1.89 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

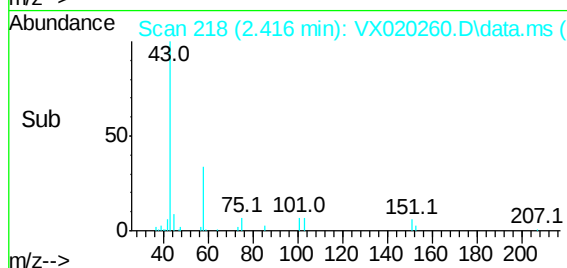
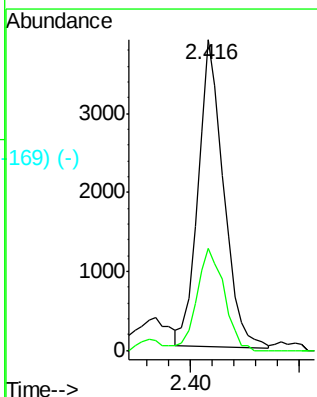
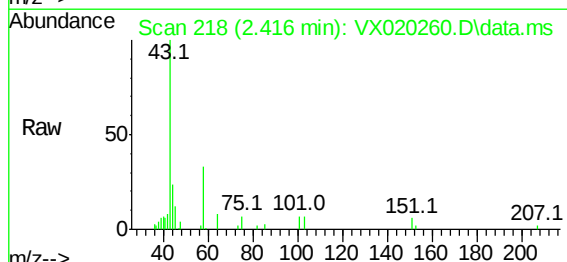
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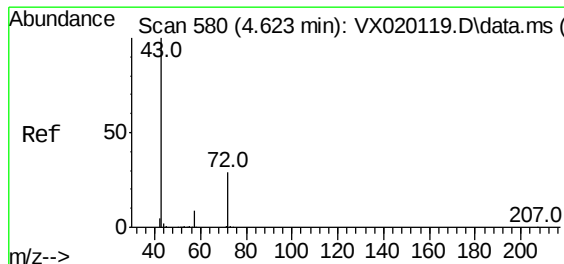
Tgt Ion: 96 Resp: 5121
Ion Ratio Lower Upper
96 100
61 156.9 124.6 187.0
98 59.0 50.6 76.0



Acetone
Concen: 3.86 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

Tgt Ion: 43 Resp: 6242
Ion Ratio Lower Upper
43 100
58 33.6 27.8 41.8

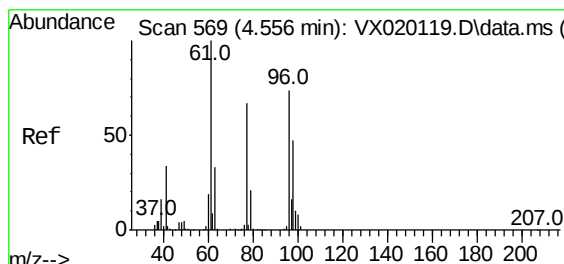
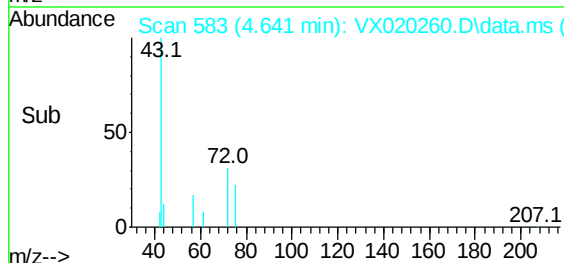
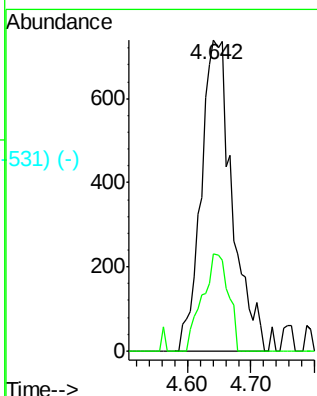
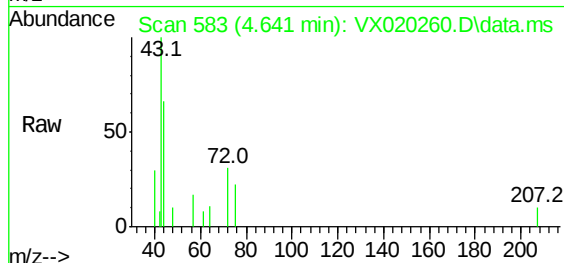




2-Butanone
Concen: 1.04 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

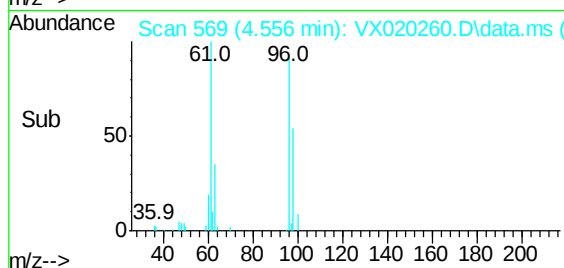
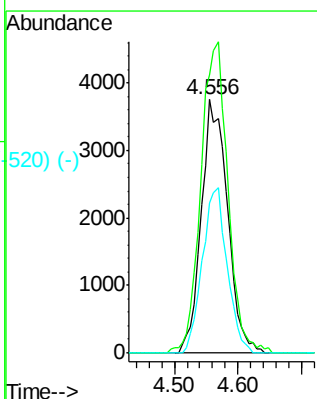
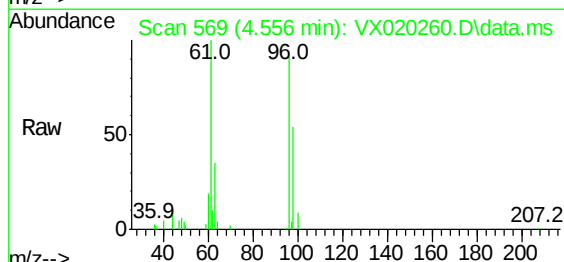
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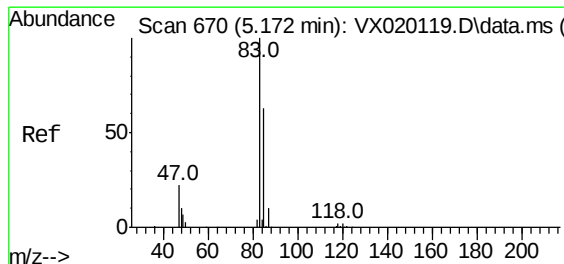
Tgt Ion: 43 Resp: 2443
Ion Ratio Lower Upper
43 100
72 31.1 23.7 35.5



cis-1,2-Dichloroethene
Concen: 2.81 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

Tgt Ion: 96 Resp: 10404
Ion Ratio Lower Upper
96 100
61 126.6 0.0 285.6
98 61.2 0.0 129.6

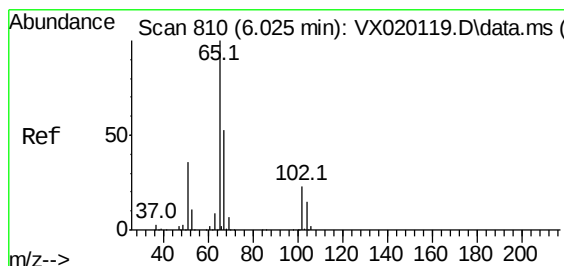
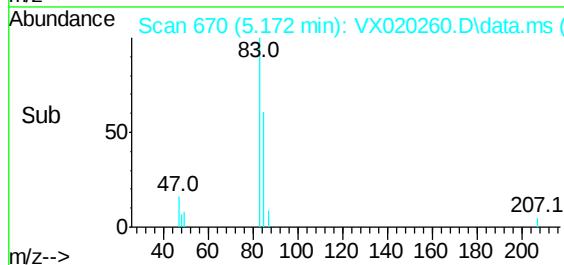
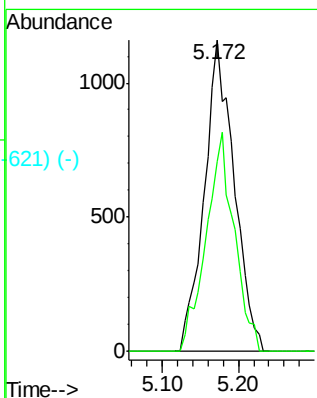
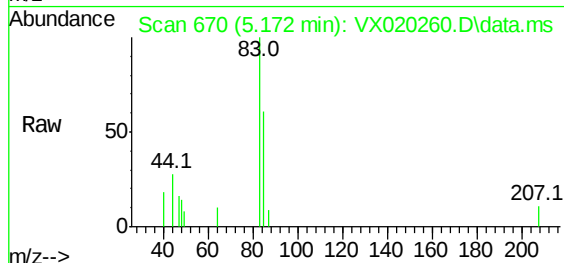




Chloroform
Concen: 0.53 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

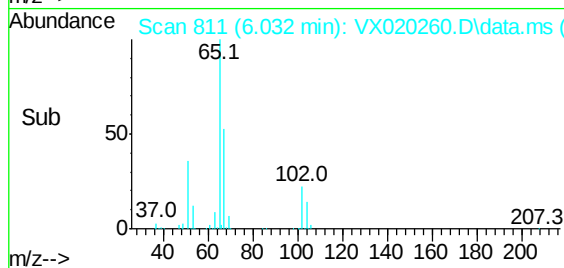
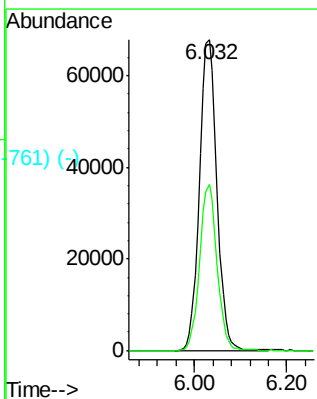
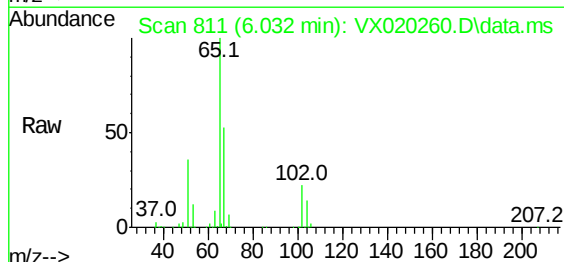
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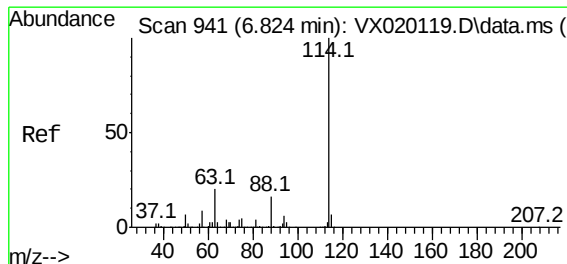
Tgt Ion: 83 Resp: 3139
Ion Ratio Lower Upper
83 100
85 60.9 52.0 78.0



1,2-Dichloroethane-d4
Concen: 50.03 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

Tgt Ion: 65 Resp: 177591
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

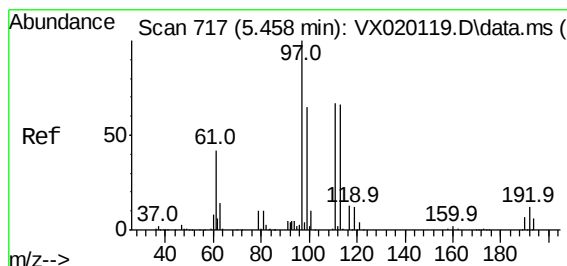
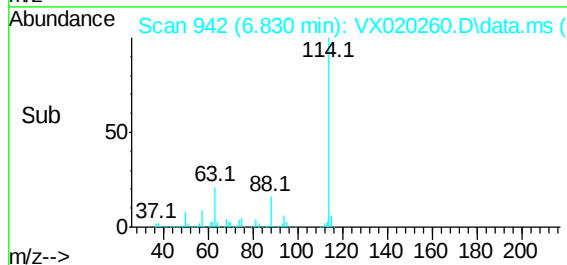
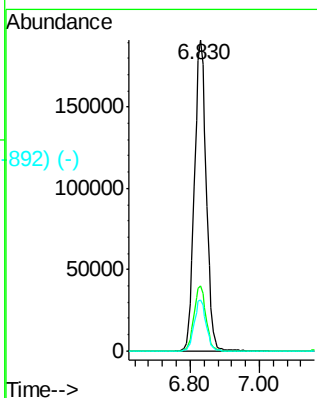
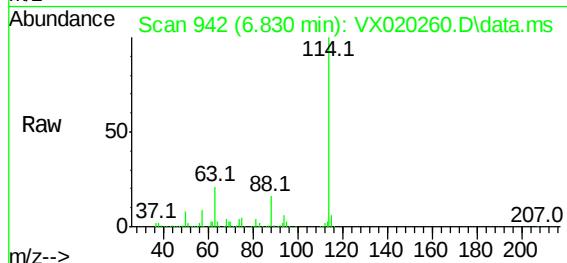




1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020260.D
 Acq: 21 Dec 2020 19:09

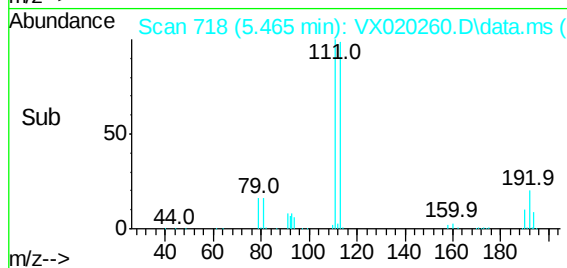
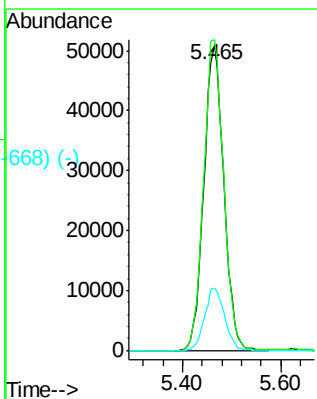
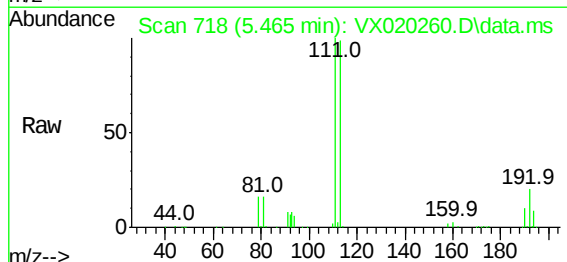
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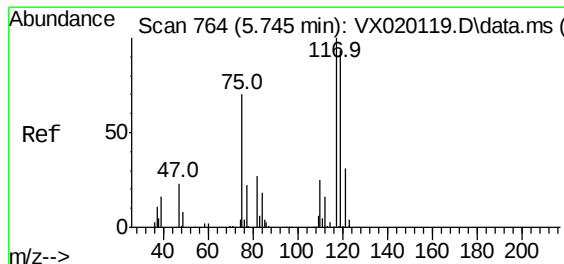
Tgt Ion:	114	Resp:	446743
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	40.8
88	16.3	0.0	32.8



Dibromofluoromethane
 Concen: 50.30 ug/l
 RT: 5.465 min Scan# 718
 Delta R.T. 0.007 min
 Lab File: VX020260.D
 Acq: 21 Dec 2020 19:09

Tgt Ion:	113	Resp:	143739
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.9	122.9
192	20.2	16.7	25.1

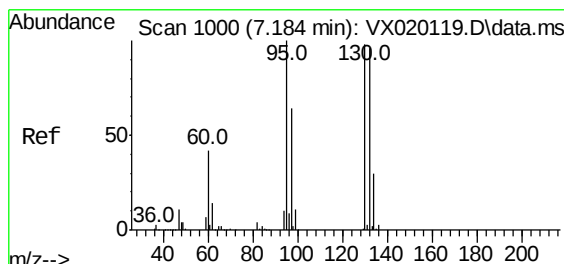
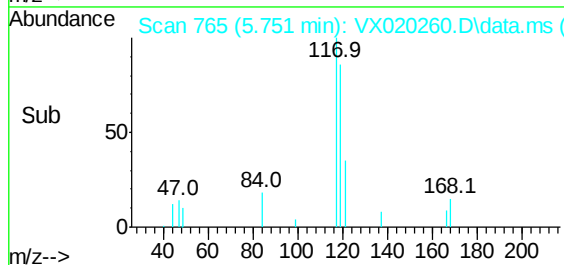
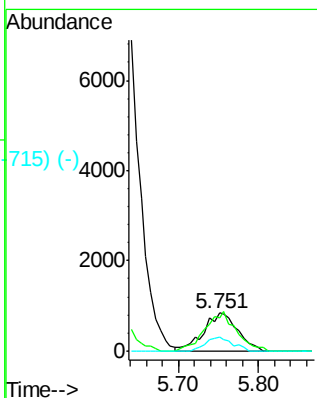
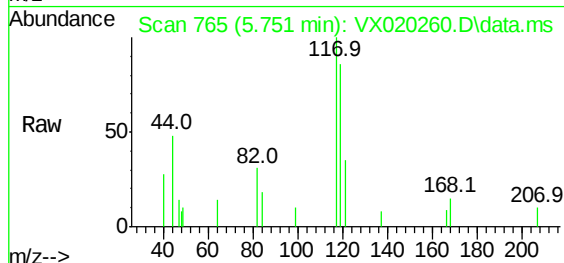




Carbon Tetrachloride
 Concen: 0.59 ug/l
 RT: 5.751 min Scan# 765
 Delta R.T. 0.006 min
 Lab File: VX020260.D
 Acq: 21 Dec 2020 19:09

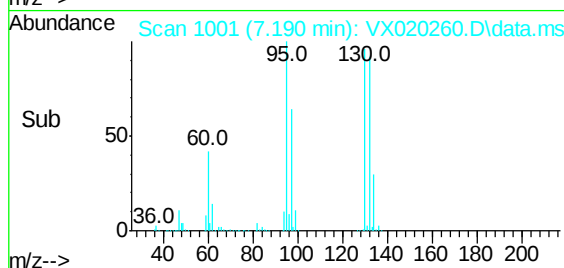
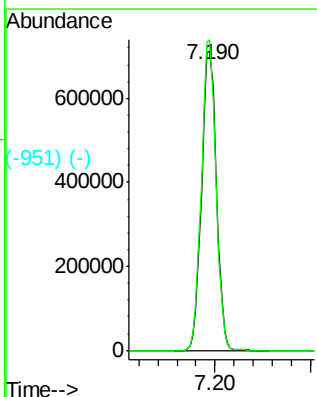
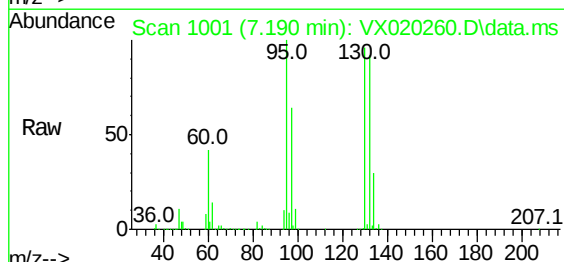
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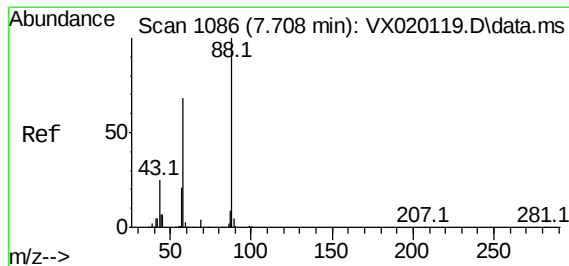
Tgt Ion:	117	Resp:	2466
Ion Ratio	Lower	Upper	
117	100		
119	86.0	76.2	114.2
121	35.0	24.8	37.2



Trichloroethene
 Concen: 434.85 ug/l
 RT: 7.190 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VX020260.D
 Acq: 21 Dec 2020 19:09

Tgt Ion:	130	Resp:	1544906
Ion Ratio	Lower	Upper	
130	100		
95	104.0	0.0	198.0

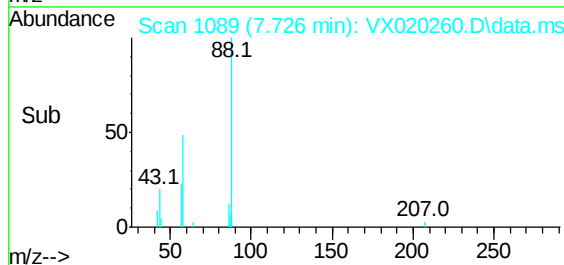
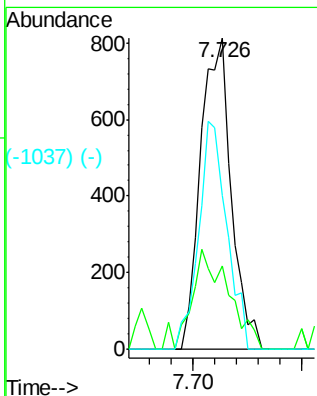
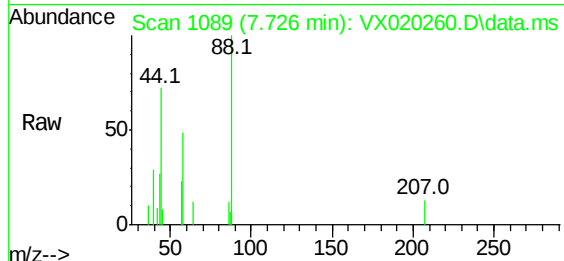




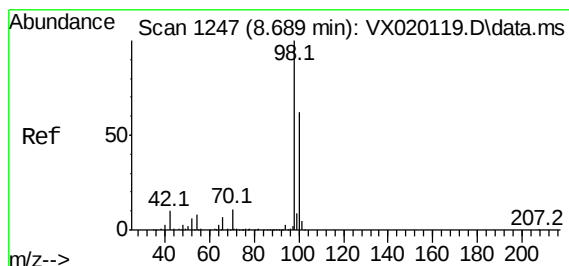
#1099 (-)
1,4-Dioxane
Concen: 19.01 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20201210

Tgt Ion: 88 Resp: 1580
Ion Ratio Lower Upper
88 100
43 39.2 23.2 34.8#
58 67.6 55.0 82.4

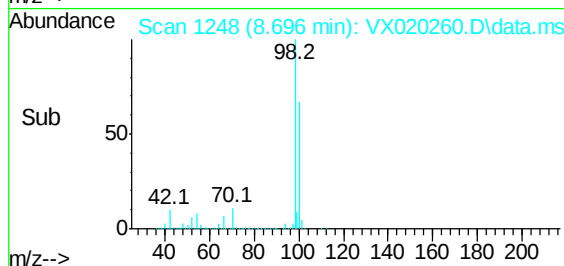
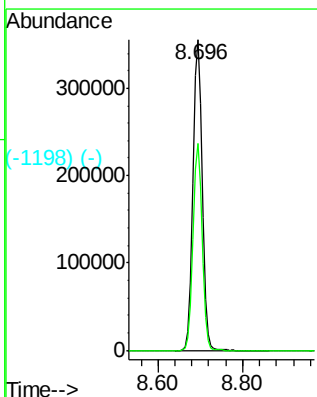
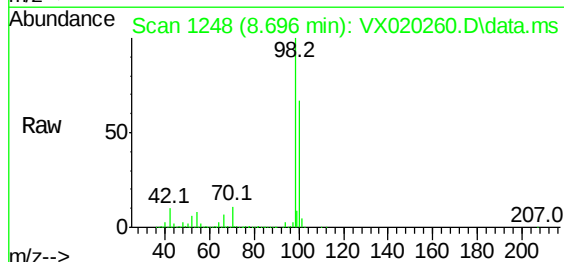


#1037 (-)

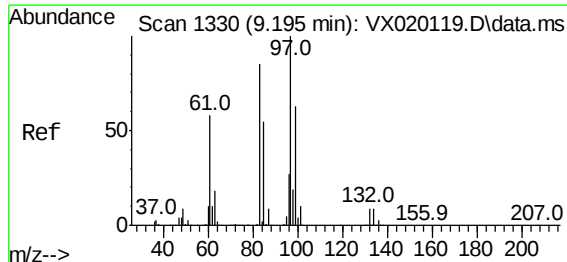


#1209 (-)
Toluene-d8
Concen: 49.60 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

Tgt Ion: 98 Resp: 545588
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#1198 (-)

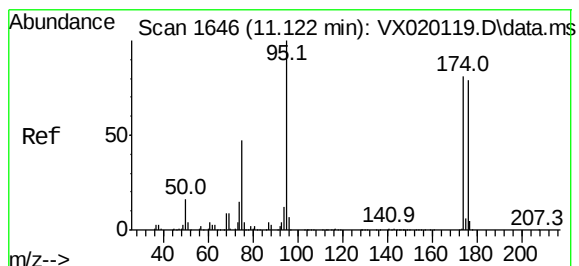
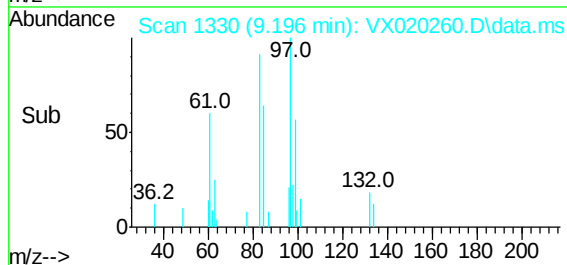
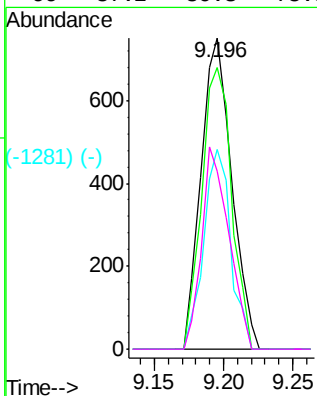
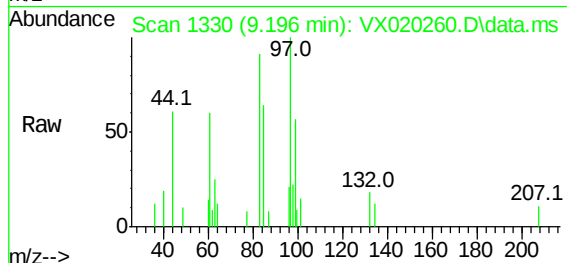


#559 (-)
1,1,2-Trichloroethane
Concen: 0.33 ug/l
RT: 9.196 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20201210

Tgt Ion: 97 Resp: 1156

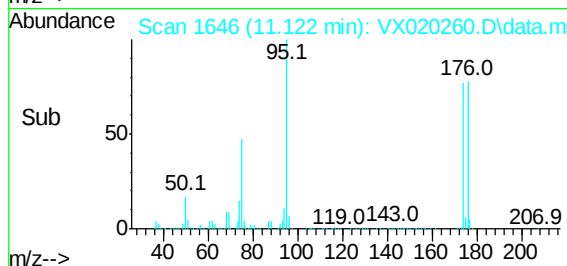
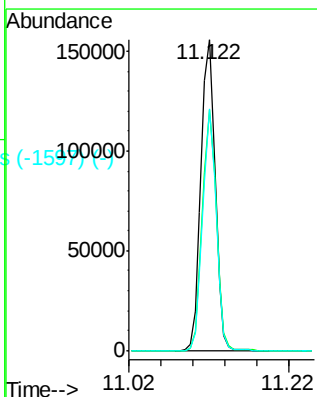
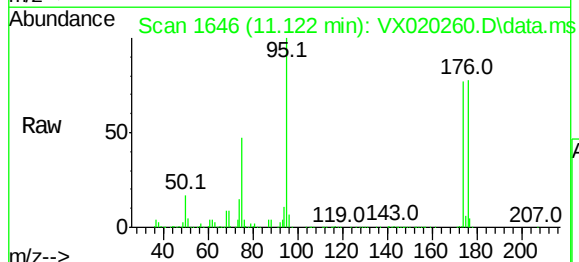
Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.3	103.9
85	64.0	44.3	66.5
99	57.2	50.3	75.5

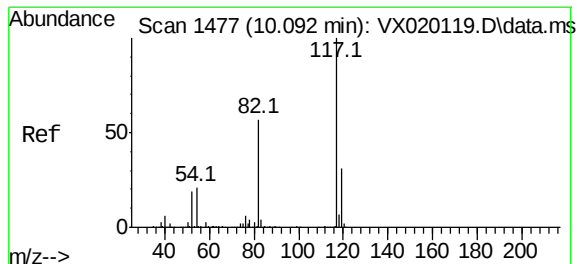


#639 (-)
4-Bromofluorobenzene
Concen: 45.54 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

Tgt Ion: 95 Resp: 191742

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	154.6
176	73.9	0.0	155.8

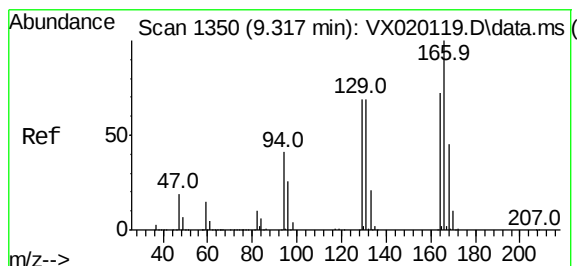
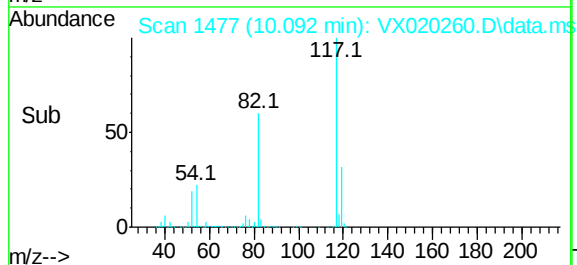
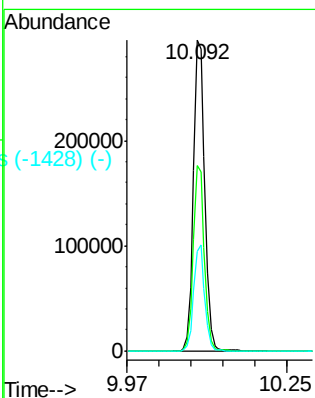
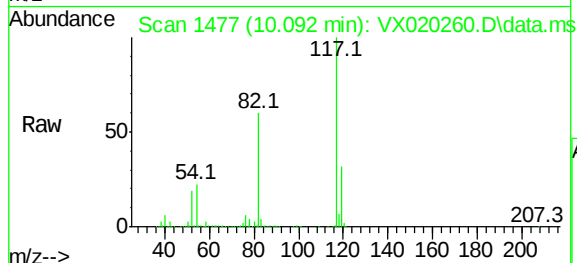




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

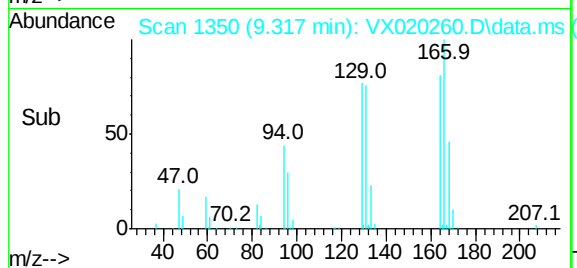
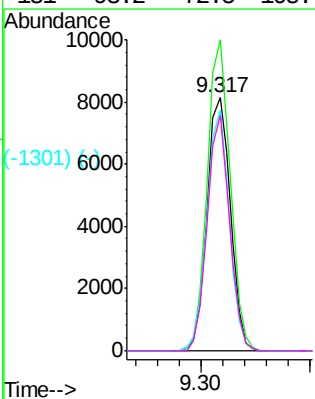
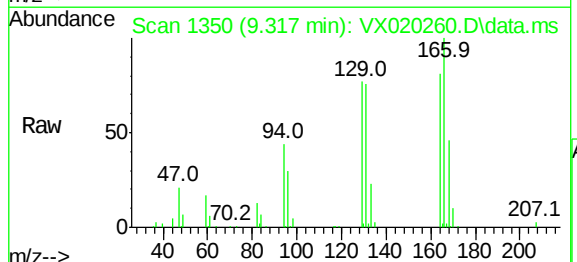
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20201210

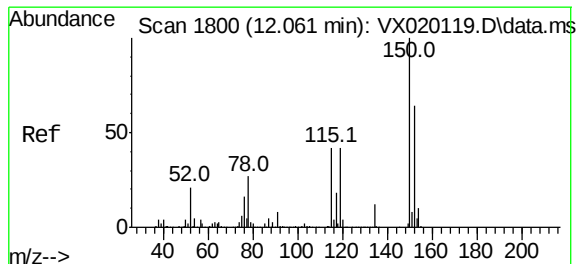
Tgt Ion:	117	Resp:	410109
Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.4	71.2
119	31.9	26.6	39.8



#642 (-)
Tetrachloroethene
Concen: 3.87 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020260.D
Acq: 21 Dec 2020 19:09

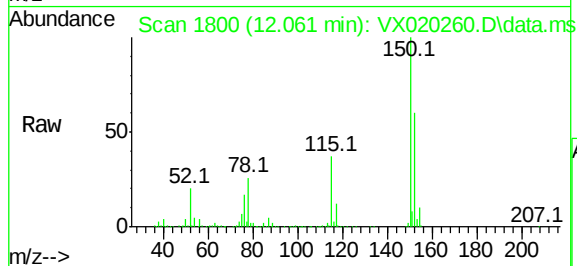
Tgt Ion:	164	Resp:	11972
Ion	Ratio	Lower	Upper
164	100		
166	122.9	103.4	155.2
129	94.9	70.8	106.2
131	93.2	72.5	108.7





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020260.D
 Acq: 21 Dec 2020 19:09

Instrument :
 MSVOA_X
ClientSampleId :
 RE120D2-20201210



Tgt Ion:152 Resp: 177016

Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	159.8	0.0	349.0

