

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020342.D
 Acq On : 23 Dec 2020 16:41
 Operator : JC/MD
 Sample : L5123-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20201213

Quant Time: Dec 24 00:18:40 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)

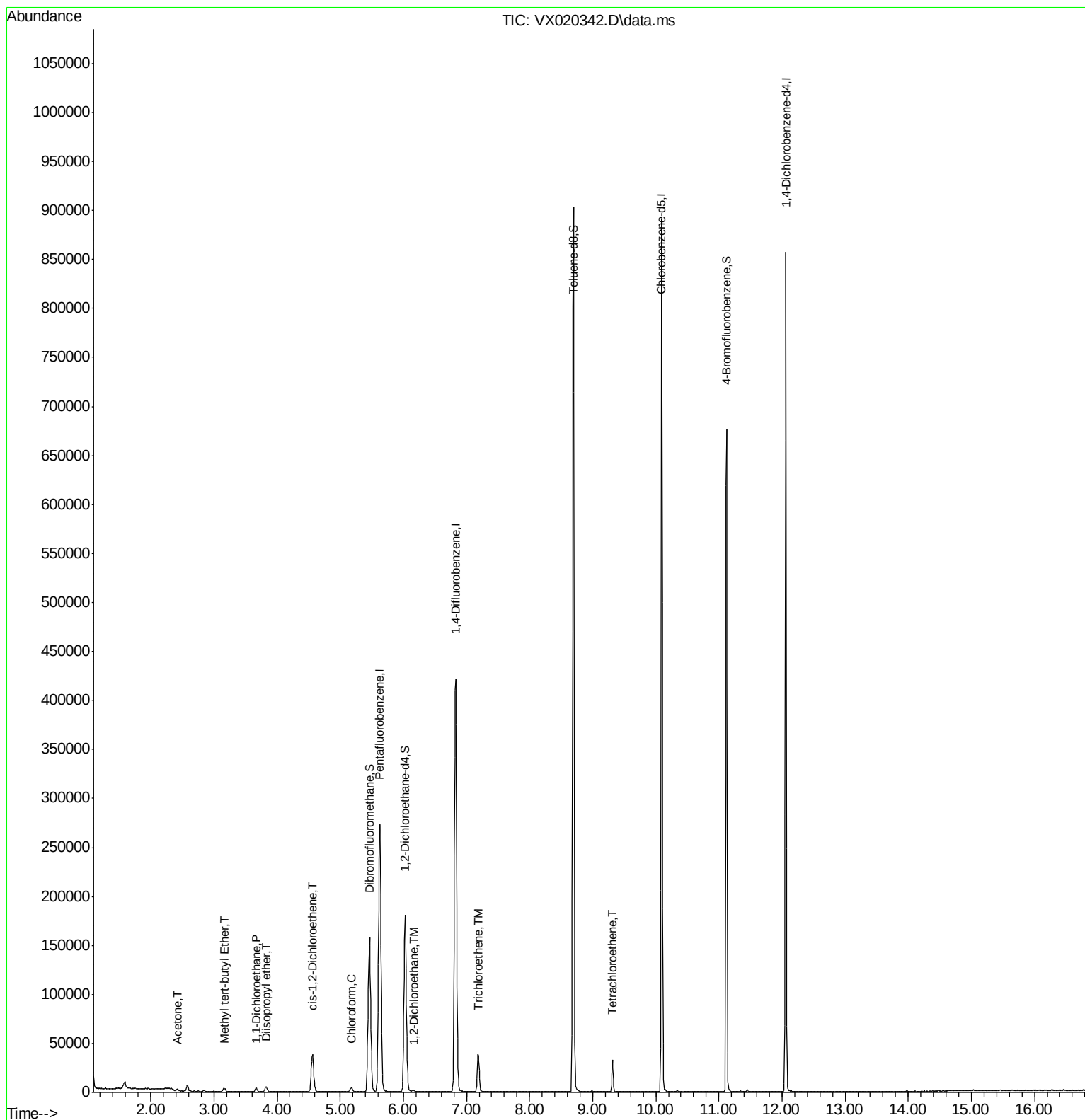
Internal Standards						
1) Pentafluorobenzene	5.629	168	257720	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	431325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	415370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	171936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	172082	49.81	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	99.62%	
35) Dibromofluoromethane	5.464	113	138791	50.30	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.60%	
50) Toluene-d8	8.696	98	527580	49.67	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.122	95	188724	46.43	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	92.86%	
Target Compounds						
						Qvalue
16) Acetone	2.416	43	1625	1.03	ug/l	96
19) Methyl tert-butyl Ether	3.166	73	3456	0.35	ug/l #	89
22) Diisopropyl ether	3.831	45	5406	0.57	ug/l #	82
24) 1,1-Dichloroethane	3.666	63	4303	0.77	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	24799	6.88	ug/l	91
30) Chloroform	5.172	83	4928	0.86	ug/l	99
42) 1,2-Dichloroethane	6.166	62	1561	0.34	ug/l	81
44) Trichloroethene	7.190	130	15157	4.42	ug/l	96
64) Tetrachloroethene	9.317	164	6361	2.03	ug/l	98

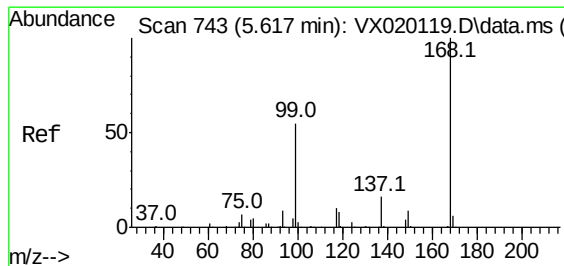
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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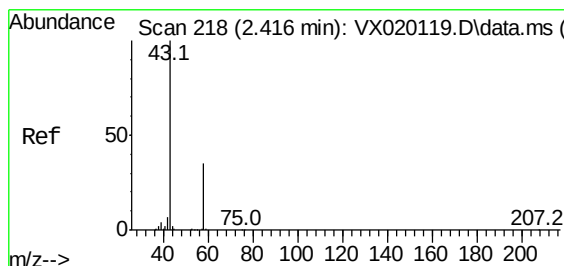
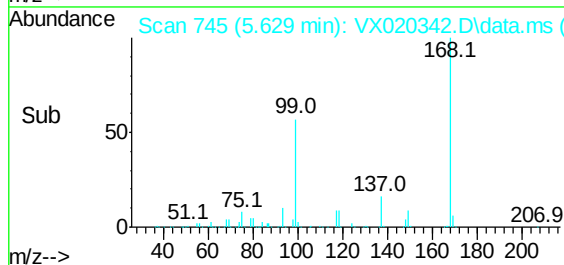
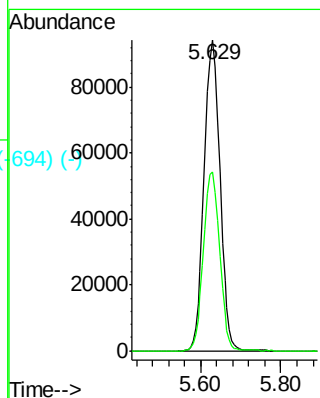
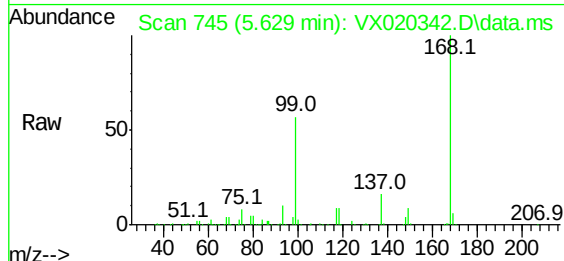




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020342.D
Acq: 23 Dec 2020 16:41

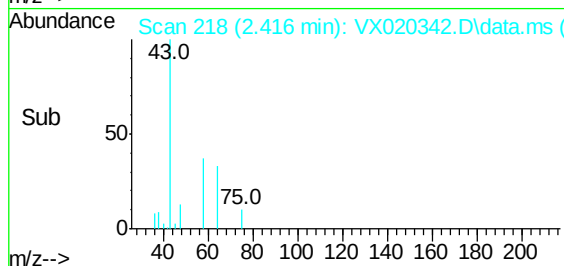
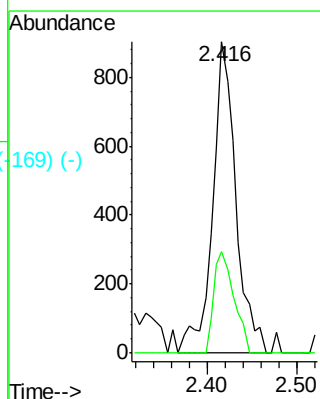
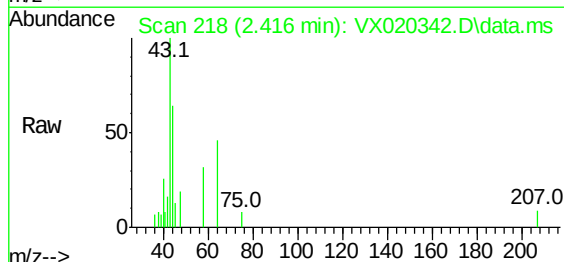
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20201213

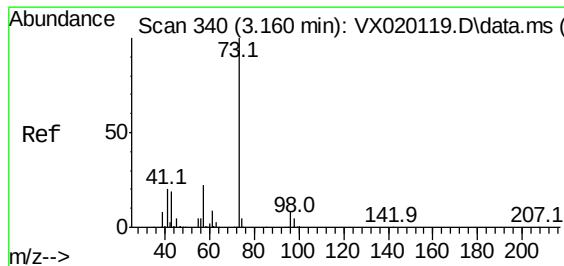
Tgt Ion:168 Resp: 257720
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



Acetone
Concen: 1.03 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020342.D
Acq: 23 Dec 2020 16:41

Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
58 32.3 27.8 41.8

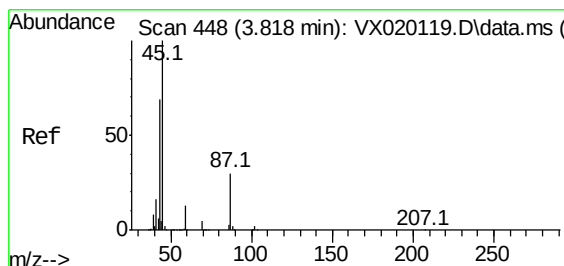
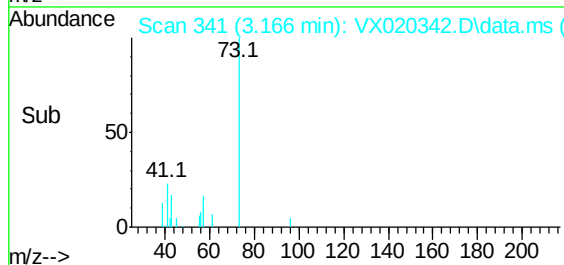
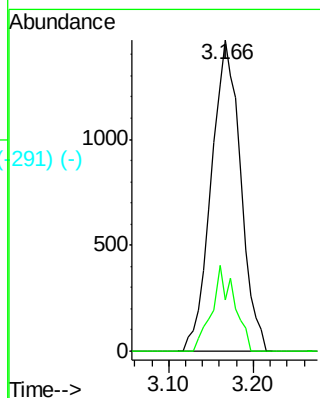
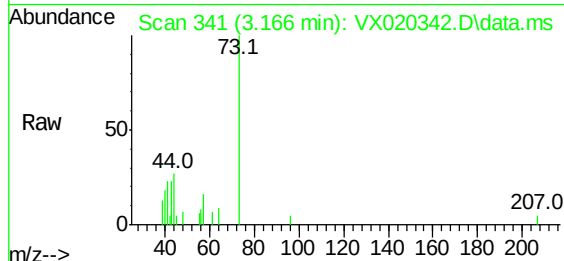




#39 (-)
Methyl tert-butyl Ether
Concen: 0.35 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020342.D
Acq: 23 Dec 2020 16:41

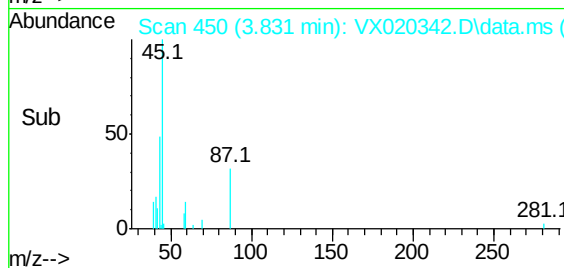
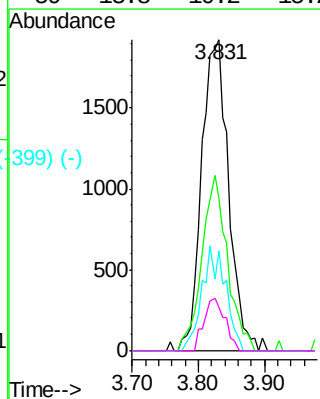
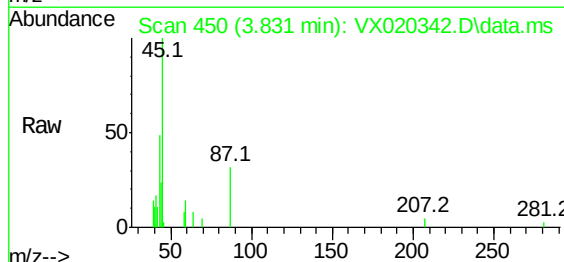
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20201213

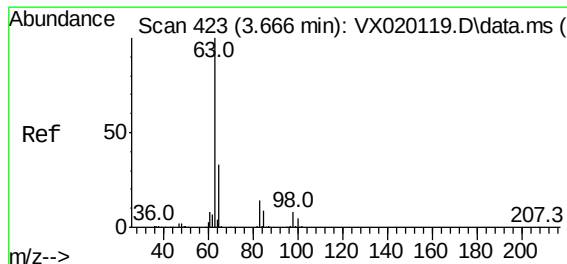
Tgt Ion: 73 Resp: 3456
Ion Ratio Lower Upper
73 100
57 16.3 17.1 25.7#



#42 (-)
Diisopropyl ether
Concen: 0.57 ug/l
RT: 3.831 min Scan# 450
Delta R.T. 0.013 min
Lab File: VX020342.D
Acq: 23 Dec 2020 16:41

Tgt Ion: 45 Resp: 5406
Ion Ratio Lower Upper
45 100
43 49.0 58.0 87.0#
87 31.9 25.4 38.0
59 13.8 10.2 15.2



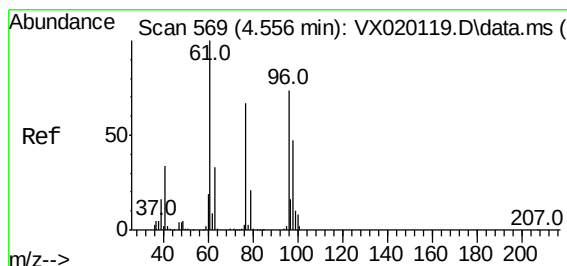
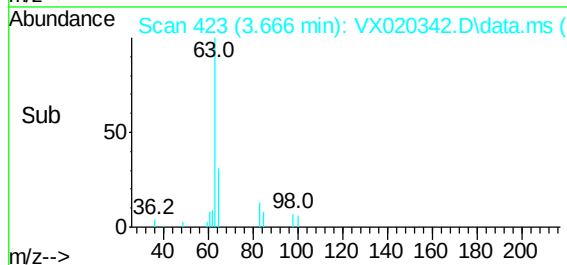
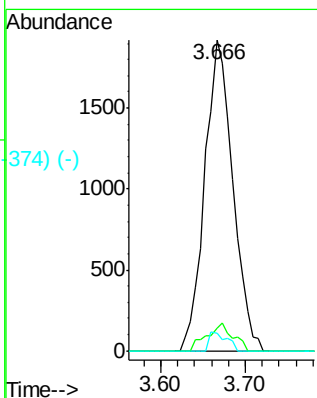
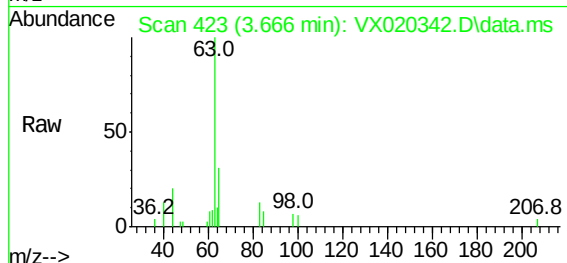


1,1-Dichloroethane
 Concen: 0.77 ug/l
 RT: 3.666 min Scan# 423
 Delta R.T. 0.000 min
 Lab File: VX020342.D
 Acq: 23 Dec 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20201213

Tgt Ion: 63 Resp: 4303

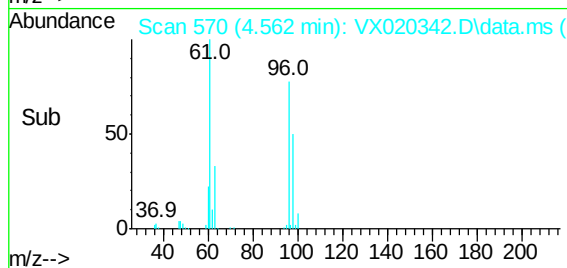
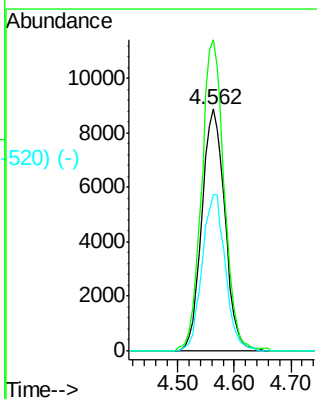
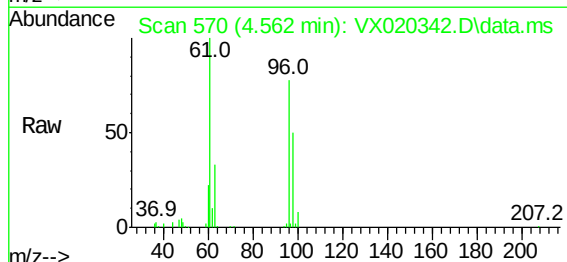
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.8	11.2
100	5.7	2.5	7.5

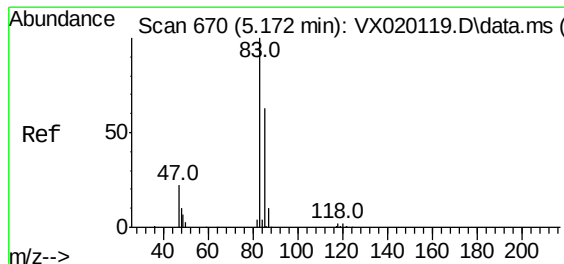


cis-1,2-Dichloroethene
 Concen: 6.88 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020342.D
 Acq: 23 Dec 2020 16:41

Tgt Ion: 96 Resp: 24799

Ion	Ratio	Lower	Upper
96	100		
61	126.2	0.0	285.6
98	64.7	0.0	129.6



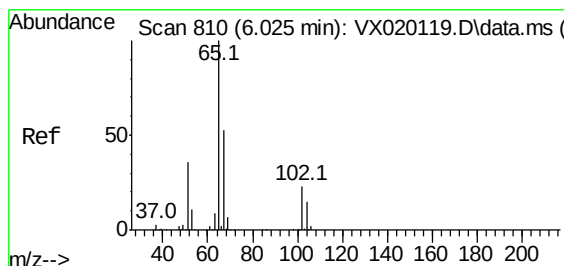
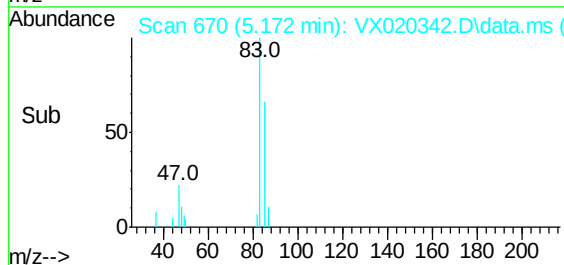
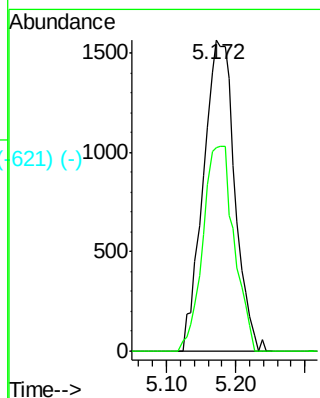
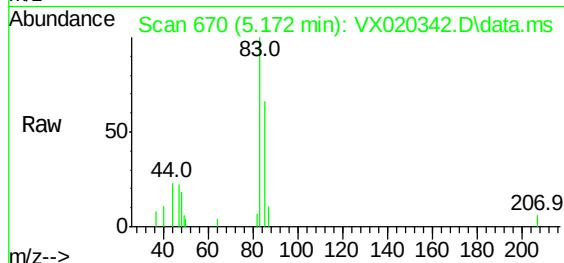


Chloroform
 Concen: 0.86 ug/l
 RT: 5.172 min Scan# 670
 Delta R.T. -0.000 min
 Lab File: VX020342.D
 Acq: 23 Dec 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20201213

Tgt Ion: 83 Resp: 4928

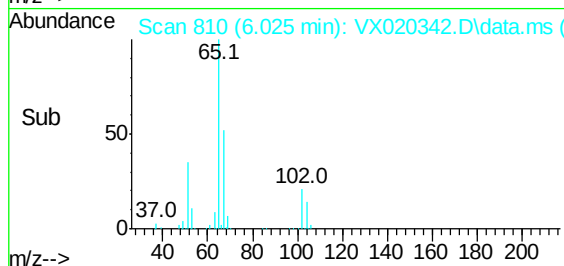
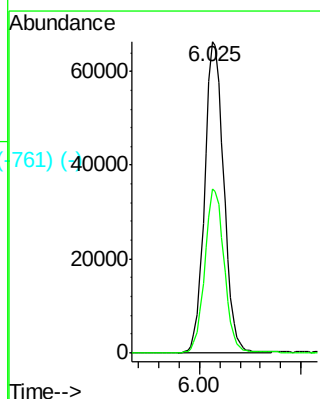
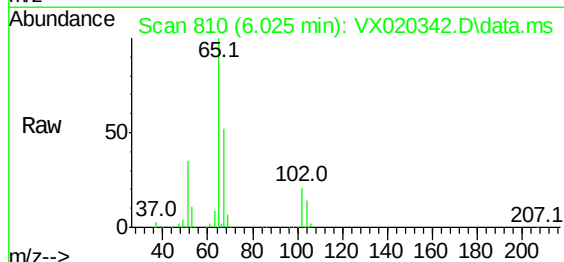
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.0	78.0

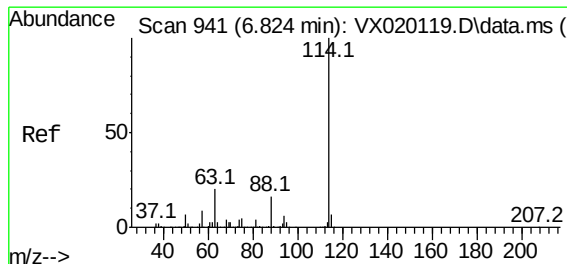


1,2-Dichloroethane-d4
 Concen: 49.81 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VX020342.D
 Acq: 23 Dec 2020 16:41

Tgt Ion: 65 Resp: 172082

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.4

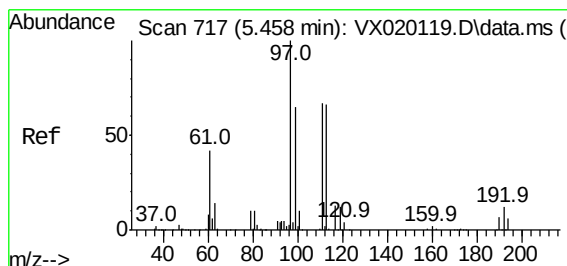
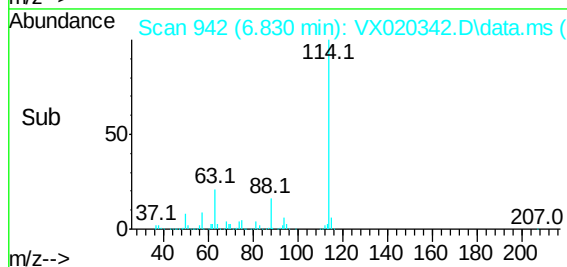
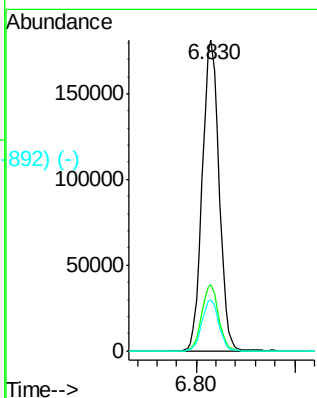
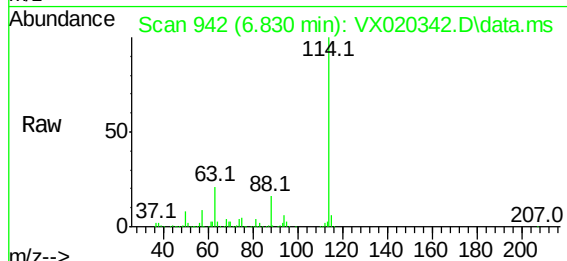




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020342.D
Acq: 23 Dec 2020 16:41

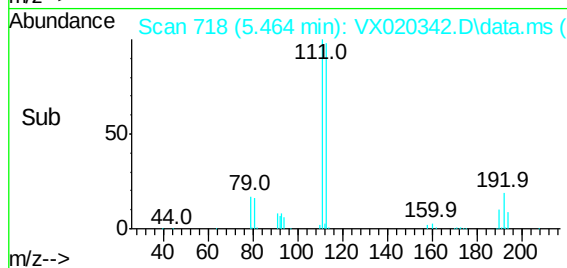
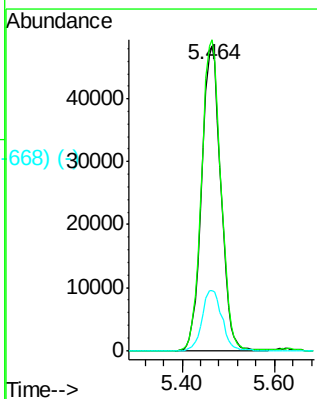
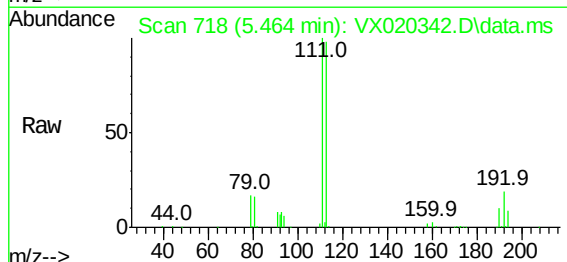
Instrument :
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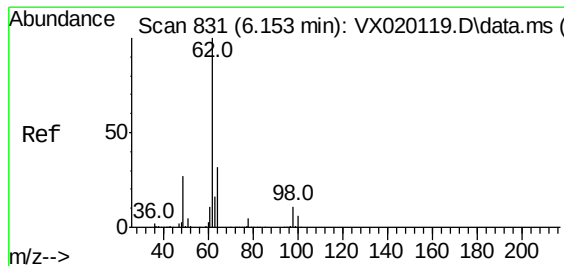
Tgt Ion:114 Resp: 431325
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.4 0.0 32.8



Dibromofluoromethane
Concen: 50.30 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020342.D
Acq: 23 Dec 2020 16:41

Tgt Ion:113 Resp: 138791
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.2 16.7 25.1

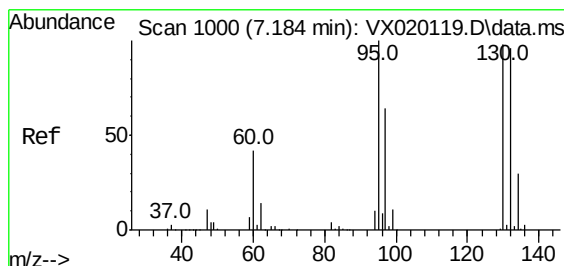
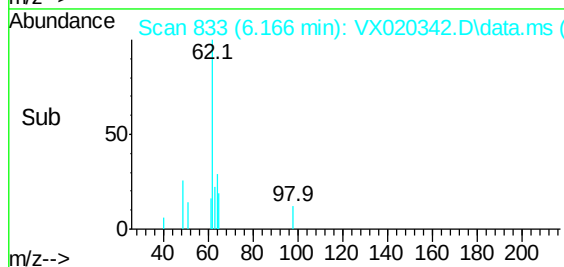
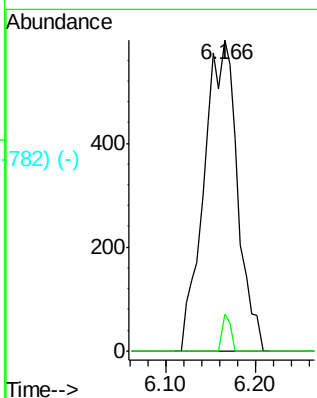
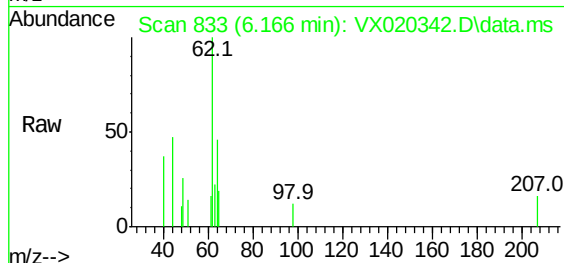




1,2-Dichloroethane
 Concen: 0.34 ug/l
 RT: 6.166 min Scan# 833
 Delta R.T. 0.013 min
 Lab File: VX020342.D
 Acq: 23 Dec 2020 16:41

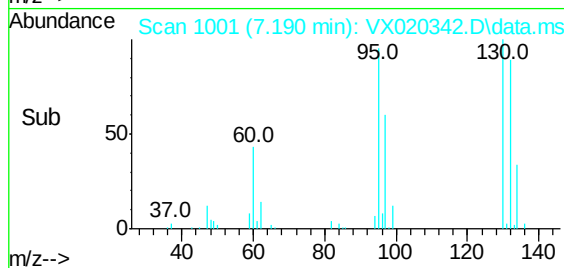
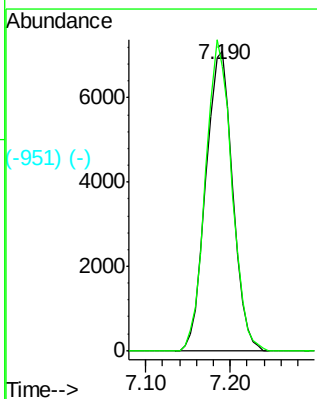
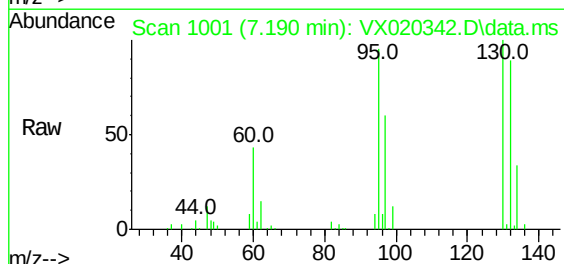
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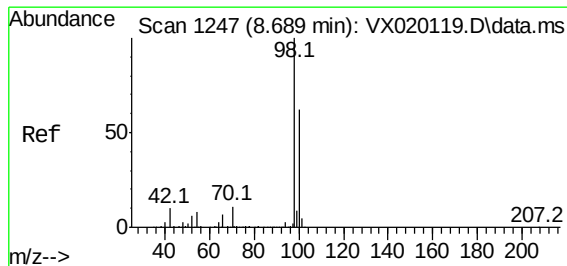
Tgt Ion: 62 Resp: 1561
 Ion Ratio Lower Upper
 62 100
 98 2.9 0.0 20.2



Trichloroethene
 Concen: 4.42 ug/l
 RT: 7.190 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VX020342.D
 Acq: 23 Dec 2020 16:41

Tgt Ion: 130 Resp: 15157
 Ion Ratio Lower Upper
 130 100
 95 94.9 0.0 198.0

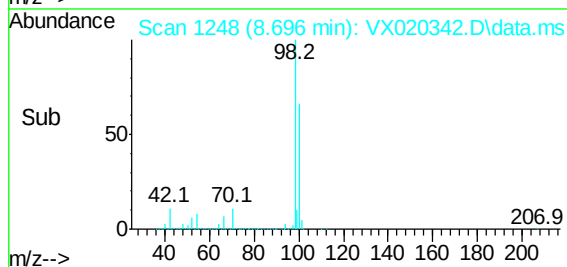
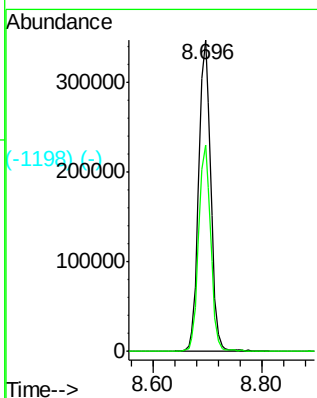
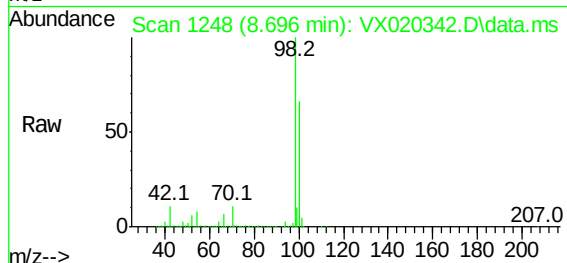




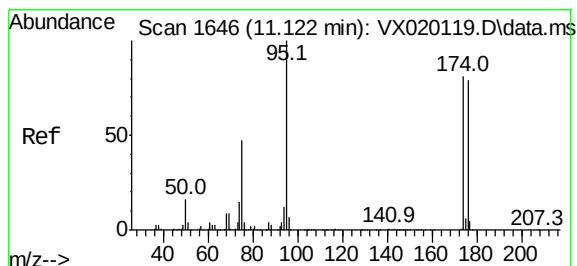
#599 (-)
 ToLuene-d8
 Concen: 49.67 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.007 min
 Lab File: VX020342.D
 Acq: 23 Dec 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20201213

Tgt Ion: 98 Resp: 527580
 Ion Ratio Lower Upper
 98 100
 100 66.4 51.9 77.9

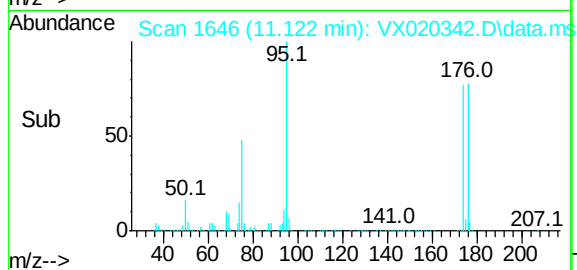
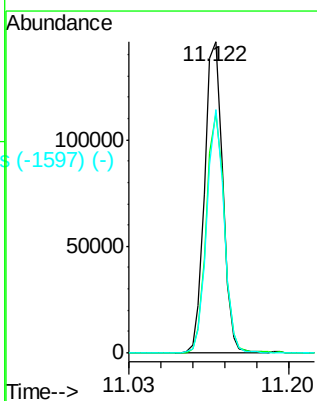
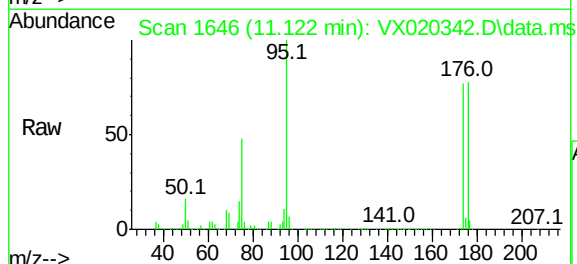


#1198 (-)

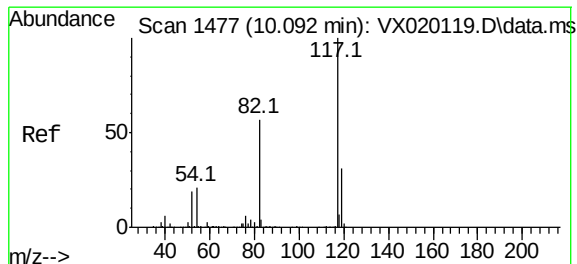


#639 (-)
 4-Bromofluorobenzene
 Concen: 46.43 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.000 min
 Lab File: VX020342.D
 Acq: 23 Dec 2020 16:41

Tgt Ion: 95 Resp: 188724
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 154.6
 176 74.5 0.0 155.8



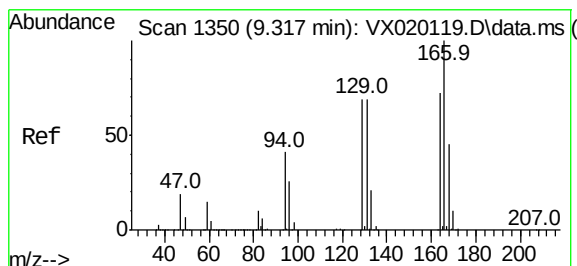
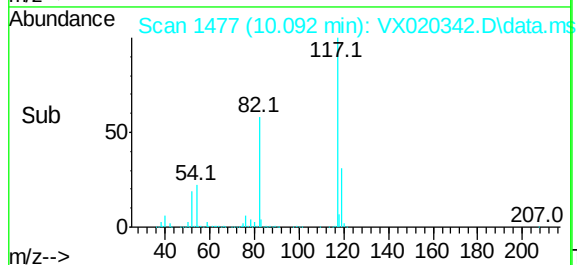
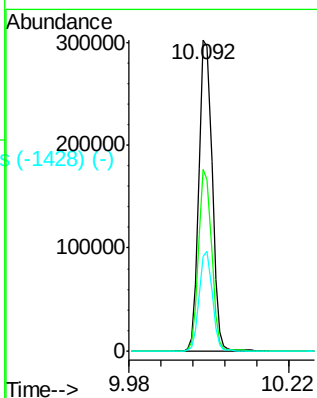
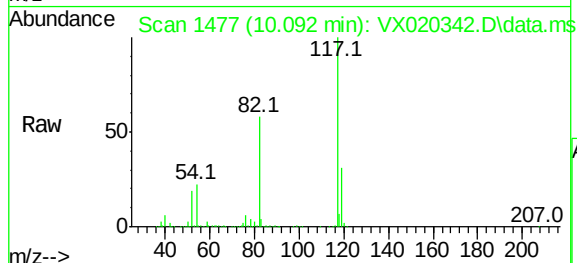
#1597 (-)



#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020342.D
Acq: 23 Dec 2020 16:41

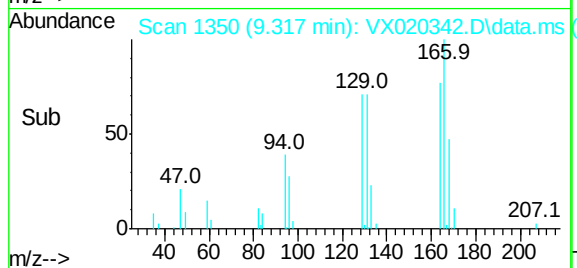
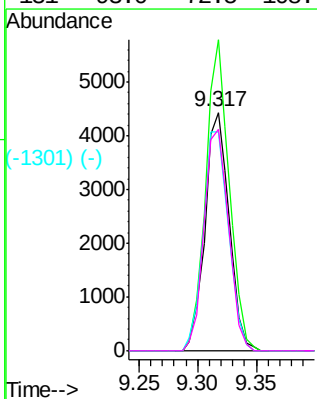
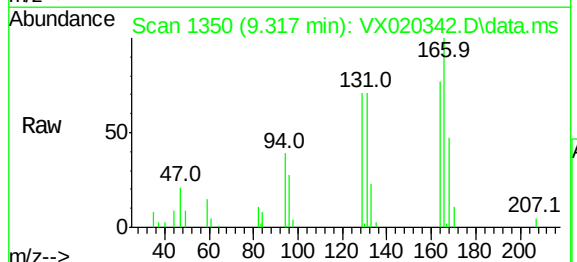
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20201213

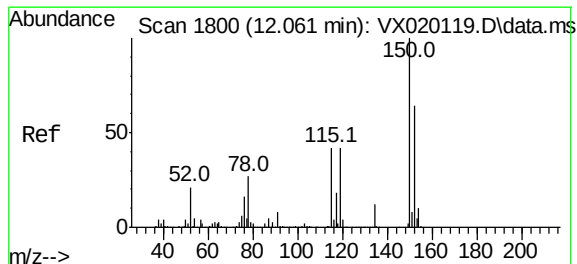
Tgt Ion:	117	Resp:	415370
Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.4	71.2
119	30.5	26.6	39.8



#642 (-)
Tetrachloroethene
Concen: 2.03 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020342.D
Acq: 23 Dec 2020 16:41

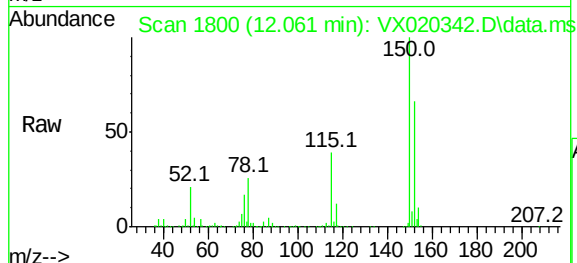
Tgt Ion:	164	Resp:	6361
Ion	Ratio	Lower	Upper
164	100		
166	130.4	103.4	155.2
129	92.0	70.8	106.2
131	93.0	72.5	108.7





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020342.D
 Acq: 23 Dec 2020 16:41

Instrument :
 MSVOA_X
ClientSampleId :
 MW202D1-20201213



Tgt Ion:152 Resp: 171936

Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.1	123.3
150	155.8	0.0	349.0

