

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020390.D
 Acq On : 24 Dec 2020 16:09
 Operator : JC/MD
 Sample : L5123-12DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20201213DL

Quant Time: Dec 25 01:14:18 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	5.635	168	229684	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.830	114	389693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	359477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	150664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.031	65	157266	51.08	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.16%
35) Dibromofluoromethane	5.464	113	124711	50.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.06%
50) Toluene-d8	8.695	98	475059	49.51	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.02%
62) 4-Bromofluorobenzene	11.122	95	160043	43.58	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.16%

Target Compounds

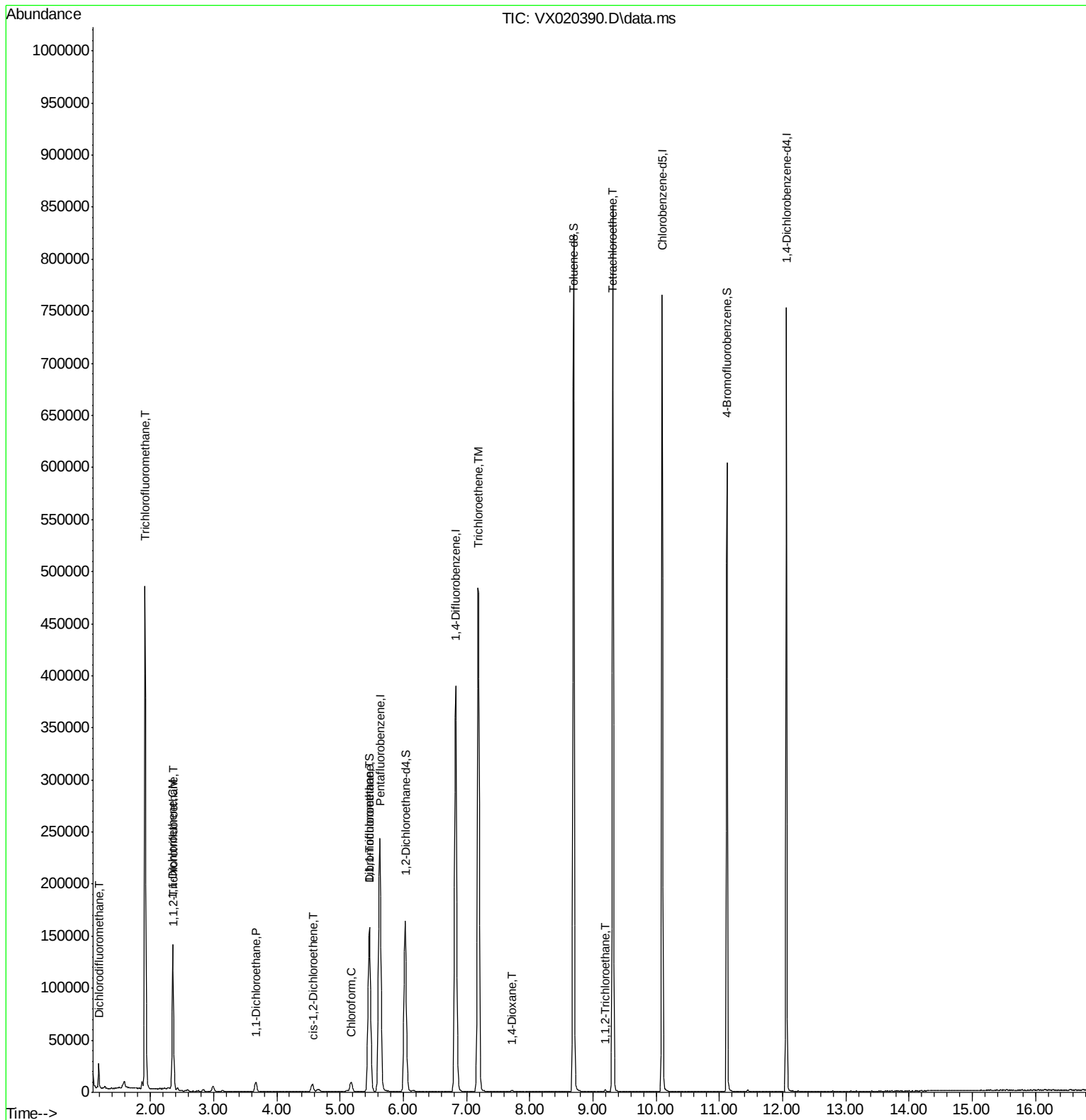
						Qvalue
2) Dichlorodifluoromethane	1.185	85	11753	4.71	ug/l	99
7) Trichlorofluoromethane	1.916	101	305311	75.35	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.361	101	4602	2.01	ug/l	97
12) 1,1-Dichloroethene	2.355	96	44780	19.09	ug/l	99
24) 1,1-Dichloroethane	3.672	63	10633	2.12	ug/l	98
27) cis-1,2-Dichloroethene	4.568	96	4811	1.50	ug/l	91
30) Chloroform	5.178	83	10781	2.12	ug/l	99
32) 1,1,1-Trichloroethane	5.464	97	14010	3.30	ug/l	94
44) Trichloroethene	7.190	130	187944	60.65	ug/l	99
49) 1,4-Dioxane	7.720	88	857	11.82	ug/l	93
55) 1,1,2-Trichloroethane	9.195	97	636	0.21	ug/l	92
64) Tetrachloroethene	9.317	164	163162	60.24	ug/l	97

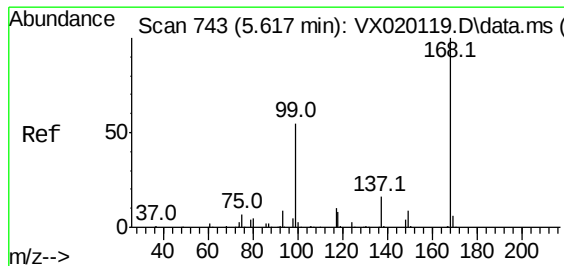
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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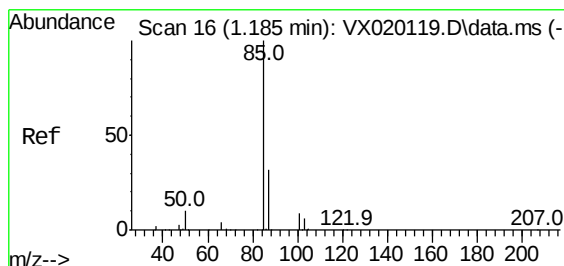
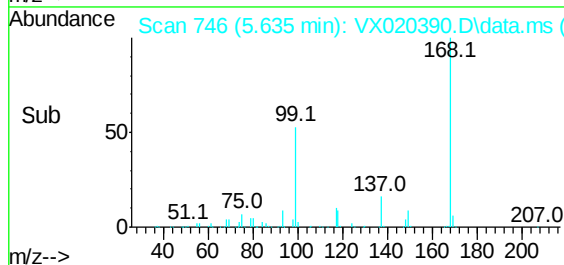
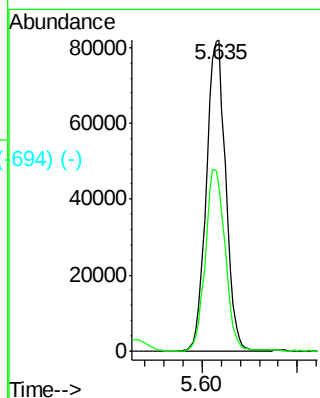
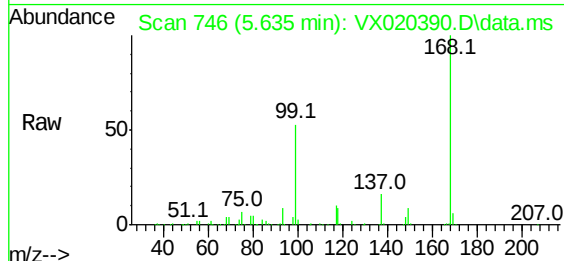




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.635 min Scan# 746
 Delta R.T. 0.018 min
 Lab File: VX020390.D
 Acq: 24 Dec 2020 16:09

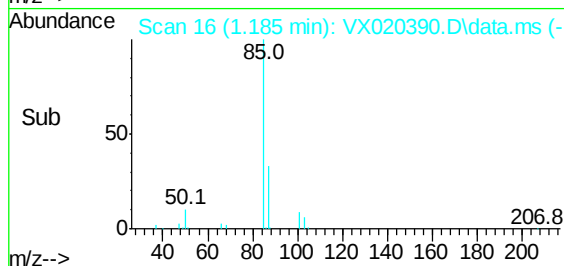
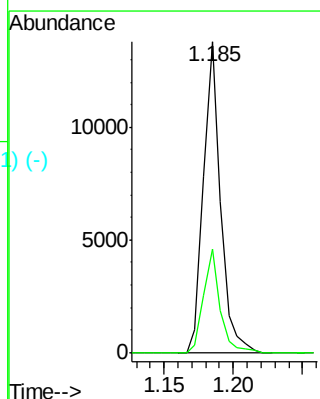
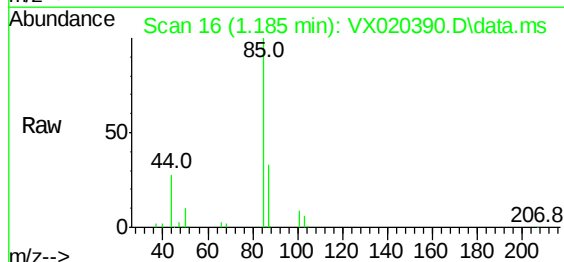
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20201213DL

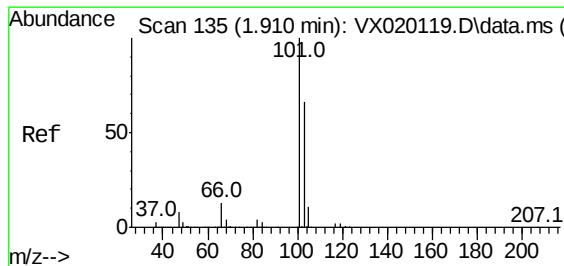
Tgt Ion:168 Resp: 229684
 Ion Ratio Lower Upper
 168 100
 99 53.2 45.8 68.6



Dichlorodifluoromethane
 Concen: 4.71 ug/l
 RT: 1.185 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VX020390.D
 Acq: 24 Dec 2020 16:09

Tgt Ion: 85 Resp: 11753
 Ion Ratio Lower Upper
 85 100
 87 33.1 16.4 49.2

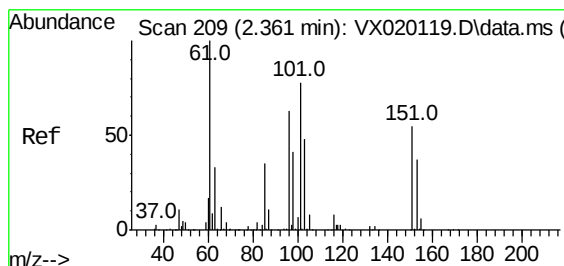
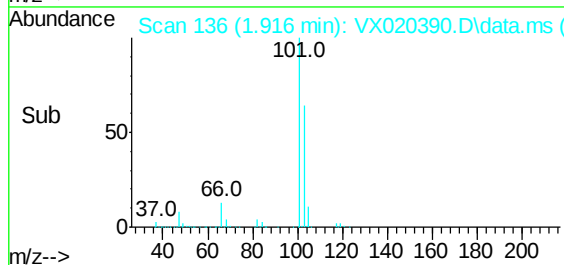
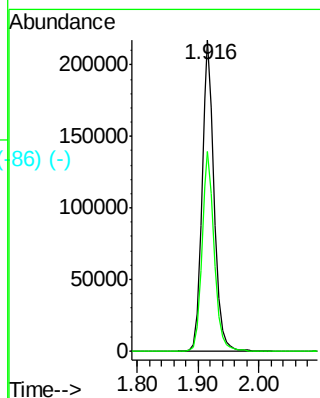
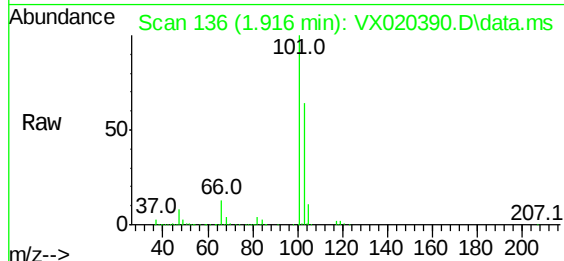




Trichlorofluoromethane
 Concen: 75.35 ug/l
 RT: 1.916 min Scan# 136
 Delta R.T. 0.006 min
 Lab File: VX020390.D
 Acq: 24 Dec 2020 16:09

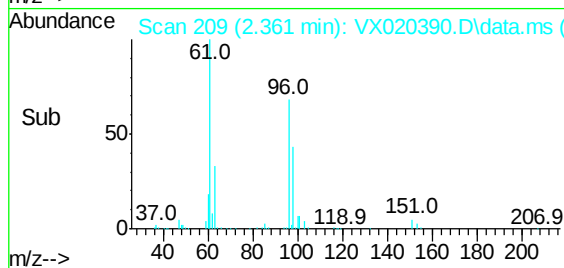
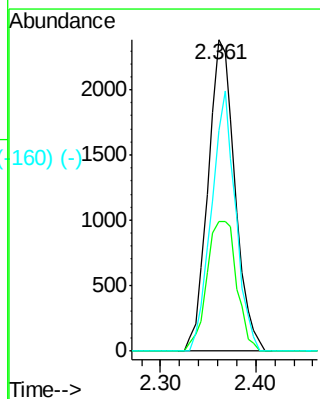
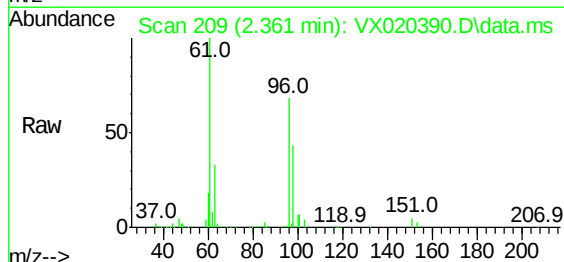
Instrument :
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 ClientSampleId :
 MW201D-20201213DL

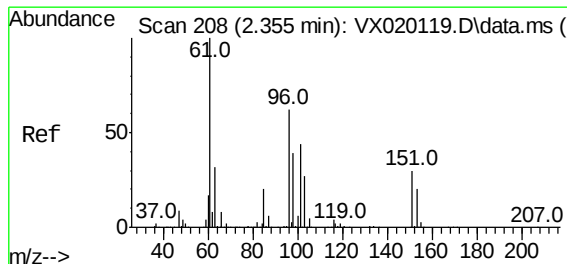
Tgt Ion:101 Resp: 305311
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.2 79.8



1,1,2-Trichlorotrifluoroethane
 Concen: 2.01 ug/l
 RT: 2.361 min Scan# 209
 Delta R.T. 0.000 min
 Lab File: VX020390.D
 Acq: 24 Dec 2020 16:09

Tgt Ion:101 Resp: 4602
 Ion Ratio Lower Upper
 101 100
 85 46.0 34.9 52.3
 151 74.9 61.4 92.2



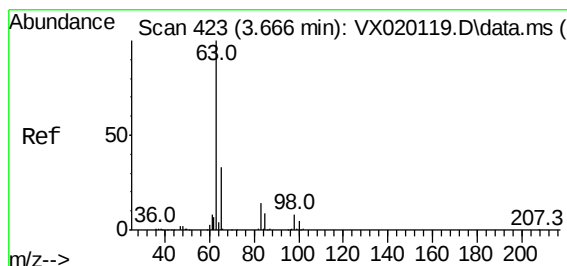
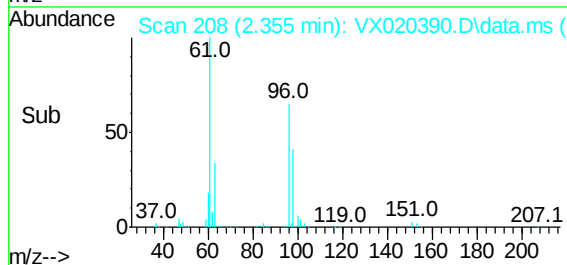
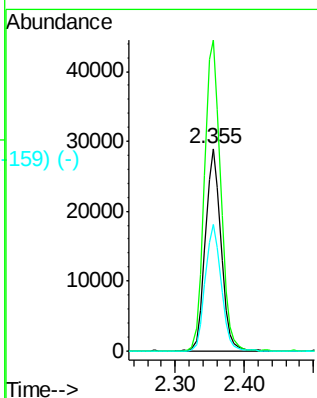
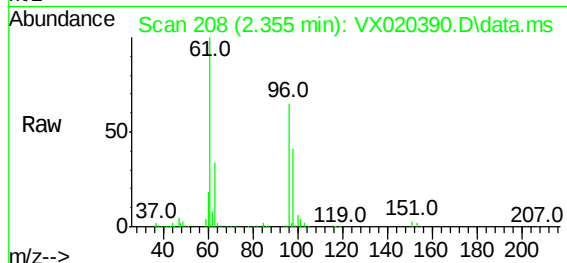


1,1-Dichloroethene
Concen: 19.09 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020390.D
Acq: 24 Dec 2020 16:09

Instrument :
MSVOA_X
ClientSampleId :
MW201D-20201213DL

Tgt Ion: 96 Resp: 44780

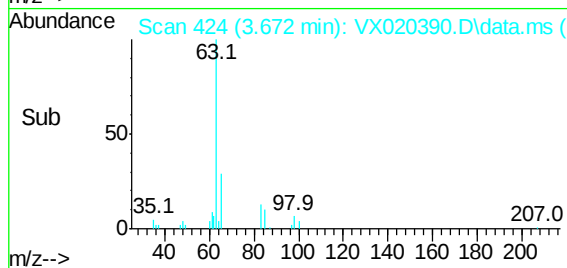
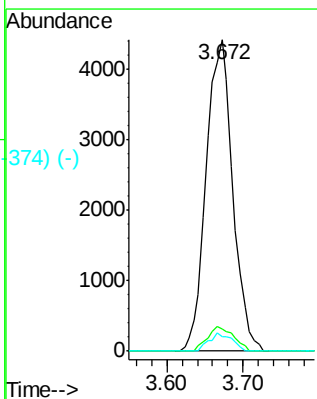
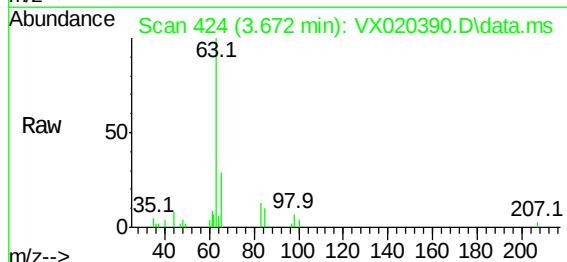
Ion	Ratio	Lower	Upper
96	100		
61	153.8	124.6	187.0
98	62.6	50.6	76.0

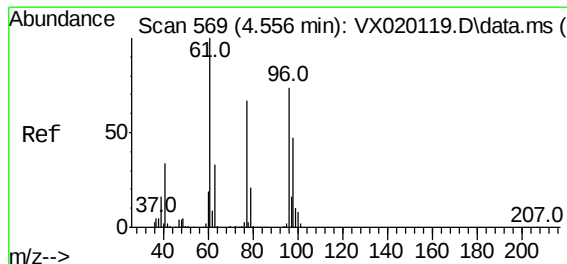


1,1-Dichloroethane
Concen: 2.12 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020390.D
Acq: 24 Dec 2020 16:09

Tgt Ion: 63 Resp: 10633

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.2
100	4.4	2.5	7.5

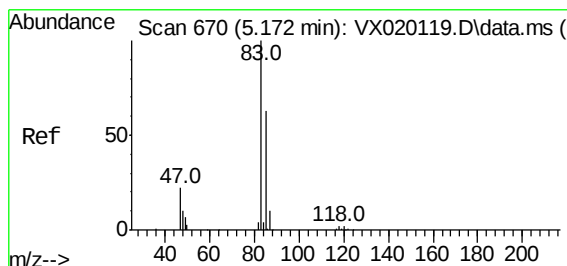
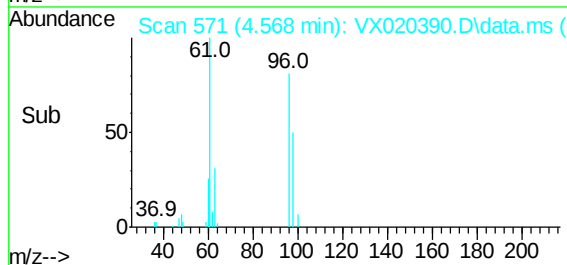
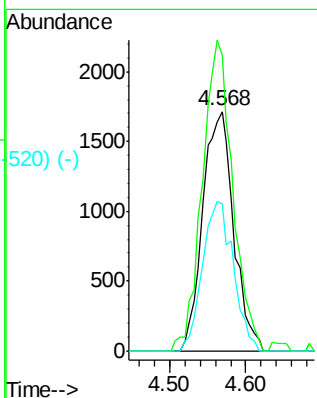
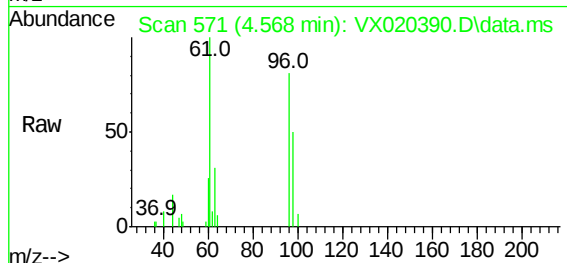




cis-1,2-Dichloroethene
 Concen: 1.50 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: VX020390.D
 Acq: 24 Dec 2020 16:09

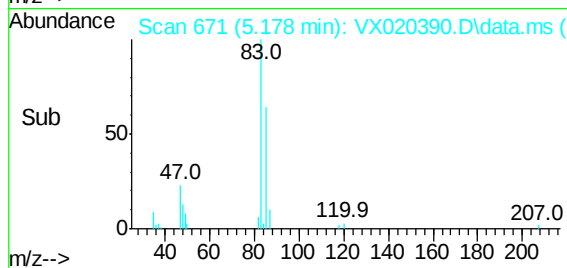
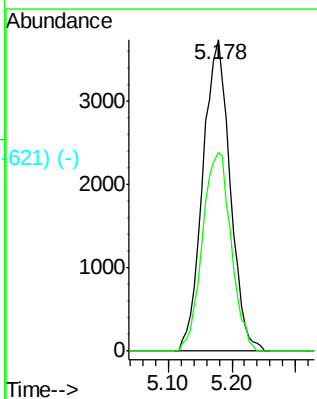
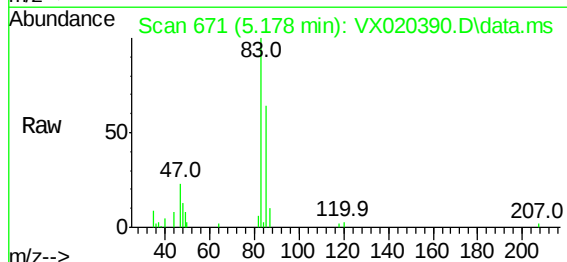
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20201213DL

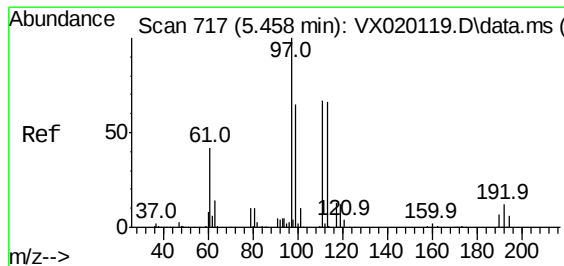
Tgt Ion:	96	Resp:	4811
Ion Ratio	Lower	Upper	
96	100		
61	127.7	0.0	285.6
98	62.3	0.0	129.6



Chloroform
 Concen: 2.12 ug/l
 RT: 5.178 min Scan# 671
 Delta R.T. 0.006 min
 Lab File: VX020390.D
 Acq: 24 Dec 2020 16:09

Tgt Ion:	83	Resp:	10781
Ion Ratio	Lower	Upper	
83	100		
85	63.8	52.0	78.0

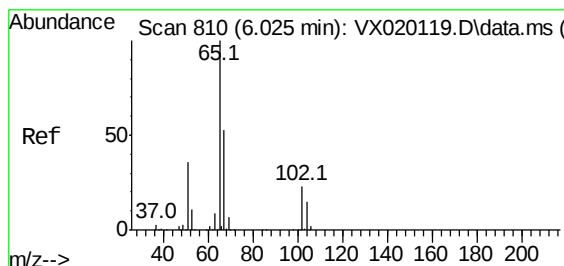
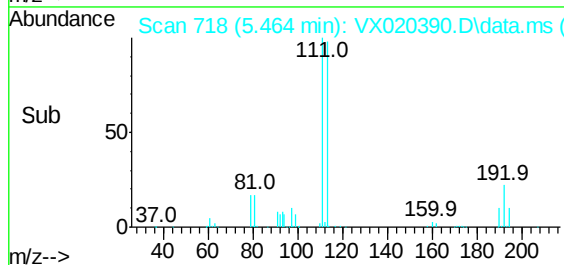
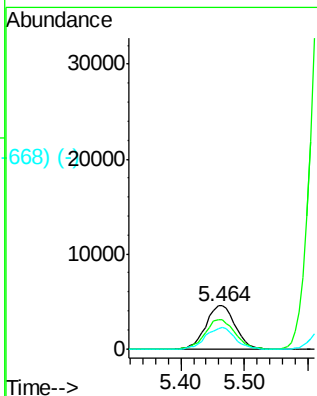
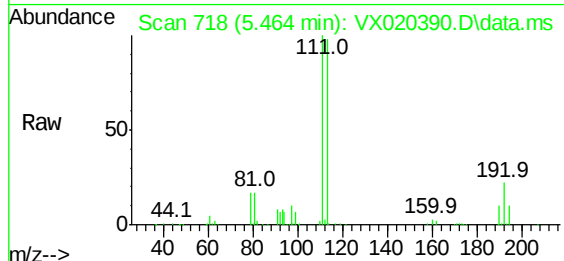




1,1,1-Trichloroethane
 Concen: 3.30 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX020390.D
 Acq: 24 Dec 2020 16:09

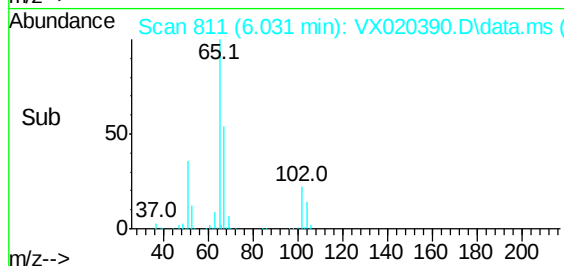
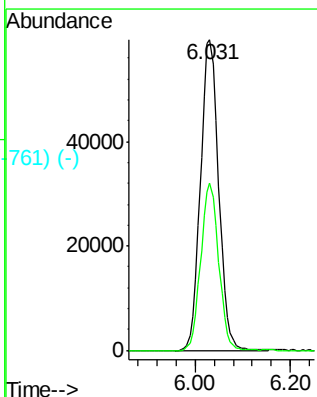
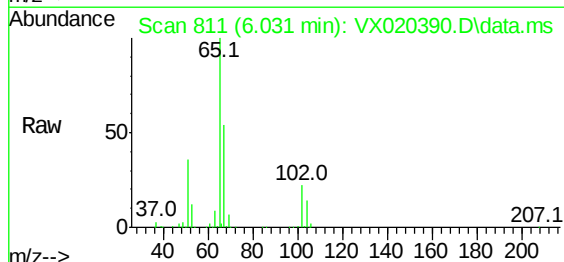
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 MSVOA_X
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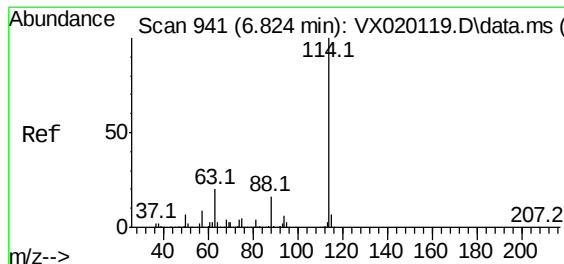
Tgt Ion: 97 Resp: 14010
 Ion Ratio Lower Upper
 97 100
 99 67.4 51.5 77.3
 61 48.0 34.2 51.4



1,2-Dichloroethane-d4
 Concen: 51.08 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020390.D
 Acq: 24 Dec 2020 16:09

Tgt Ion: 65 Resp: 157266
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4

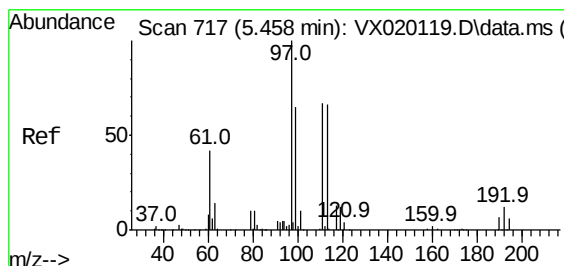
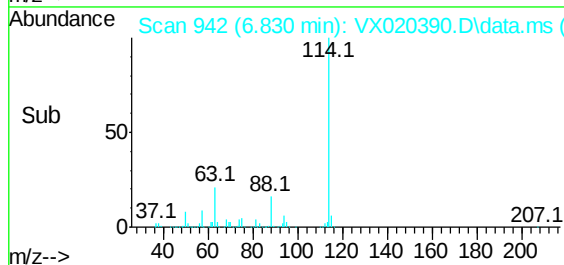
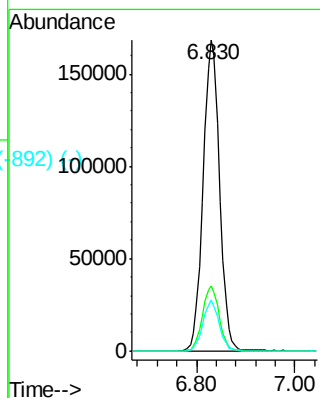
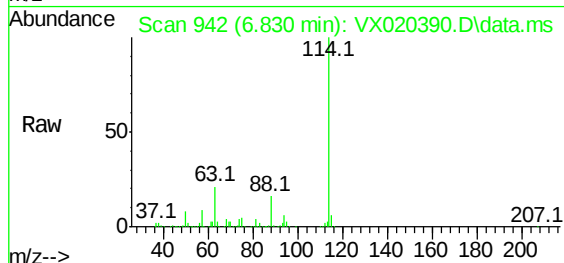




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020390.D
Acq: 24 Dec 2020 16:09

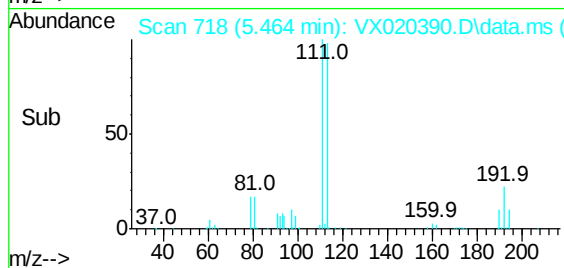
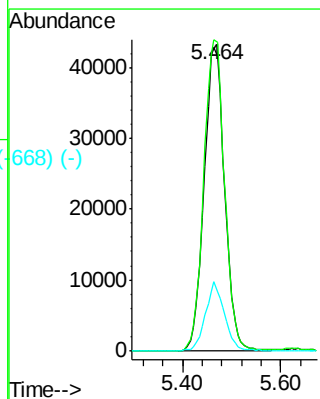
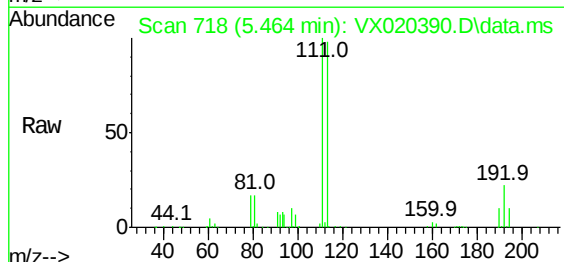
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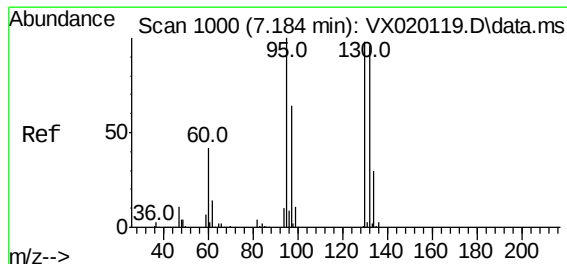
Tgt Ion:	114	Resp:	389693
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	40.8
88	16.4	0.0	32.8



Dibromofluoromethane
Concen: 50.03 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020390.D
Acq: 24 Dec 2020 16:09

Tgt Ion:	113	Resp:	124711
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.9	122.9
192	20.5	16.7	25.1

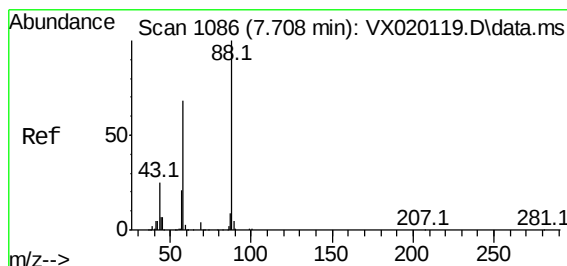
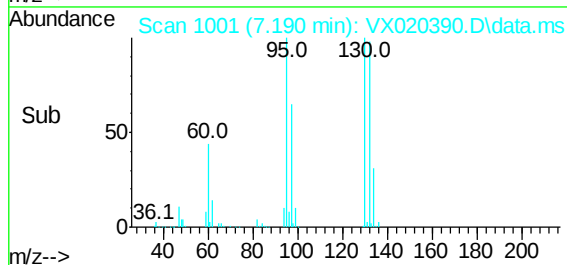
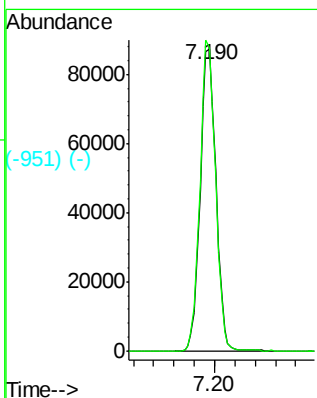
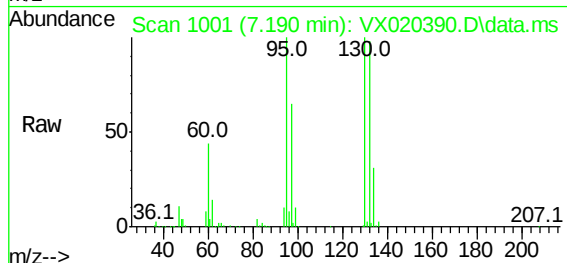




Trichloroethene
Concen: 60.65 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020390.D
Acq: 24 Dec 2020 16:09

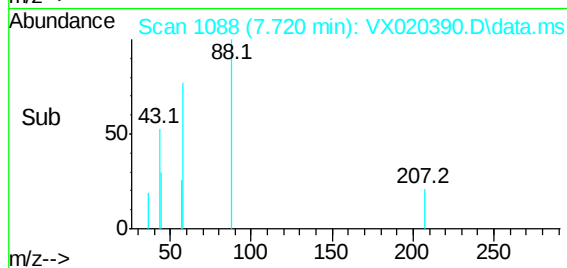
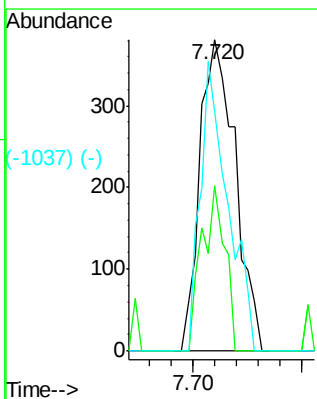
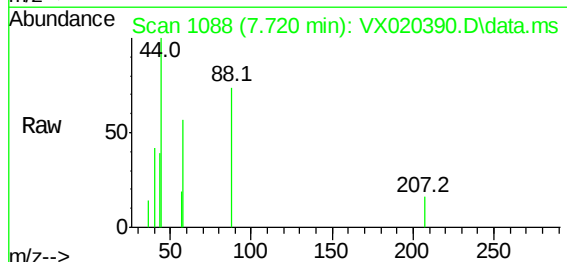
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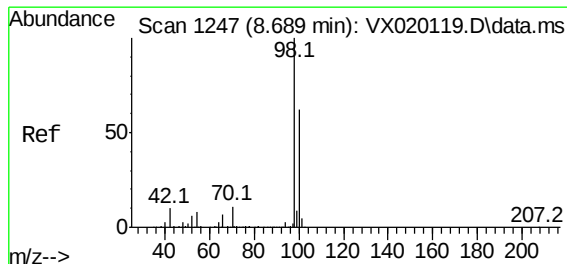
Tgt Ion:130 Resp: 187944
Ion Ratio Lower Upper
130 100
95 100.4 0.0 198.0



1,4-Dioxane
Concen: 11.82 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020390.D
Acq: 24 Dec 2020 16:09

Tgt Ion: 88 Resp: 857
Ion Ratio Lower Upper
88 100
43 34.8 23.2 34.8
58 73.0 55.0 82.4

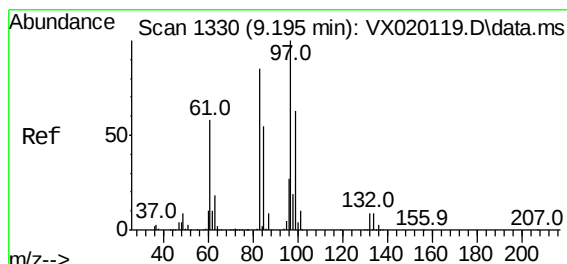
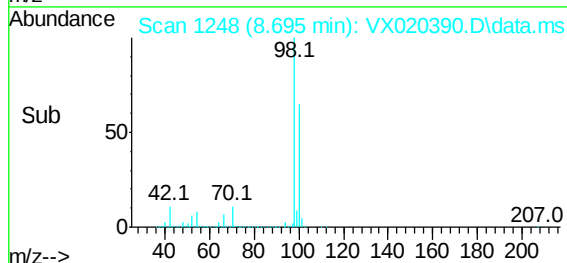
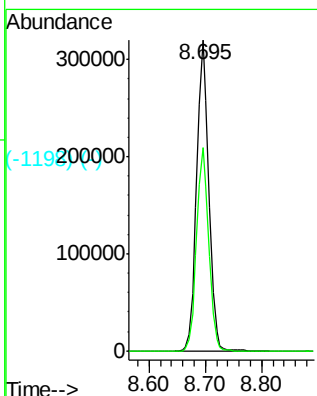
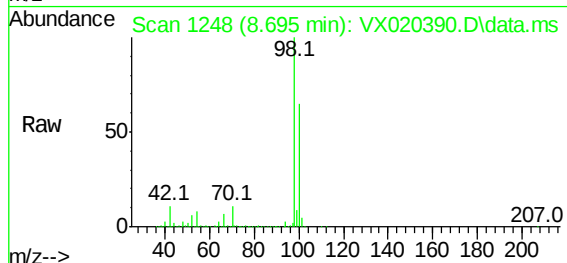




Toluene-d8
Concen: 49.51 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020390.D
Acq: 24 Dec 2020 16:09

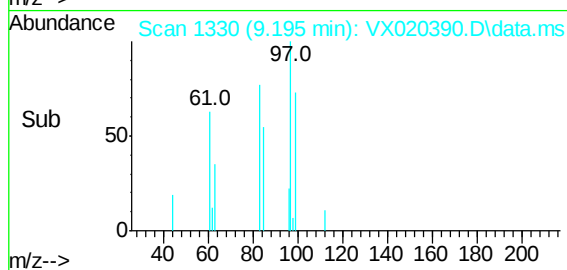
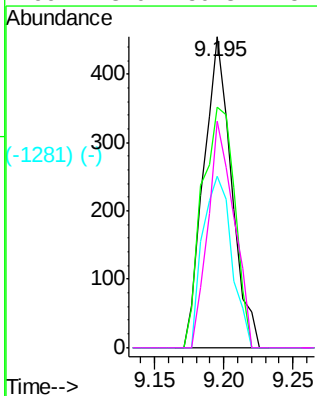
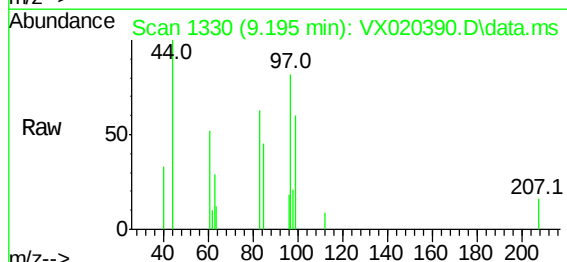
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20201213DL

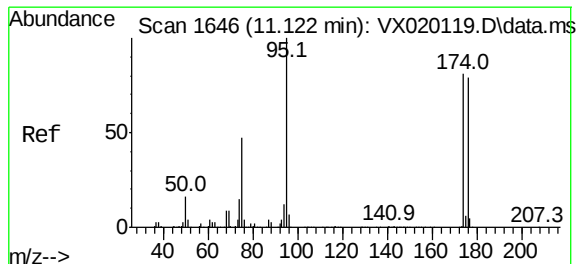
Tgt Ion: 98 Resp: 475059
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



1,1,2-Trichloroethane
Concen: 0.21 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VX020390.D
Acq: 24 Dec 2020 16:09

Tgt Ion: 97 Resp: 636
Ion Ratio Lower Upper
97 100
83 77.4 69.3 103.9
85 55.2 44.3 66.5
99 73.0 50.3 75.5

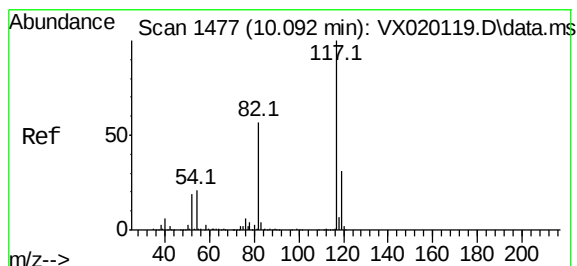
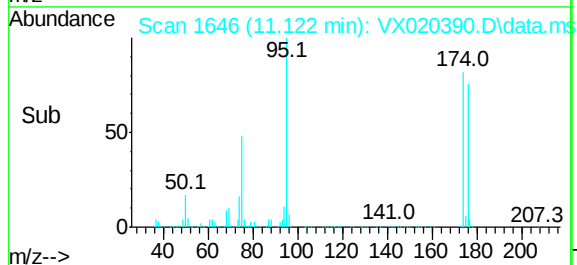
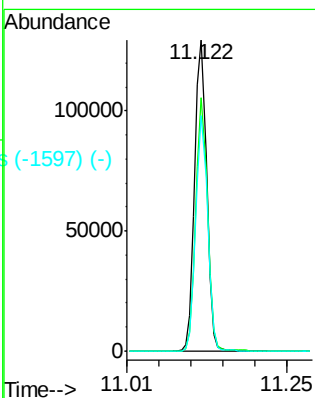
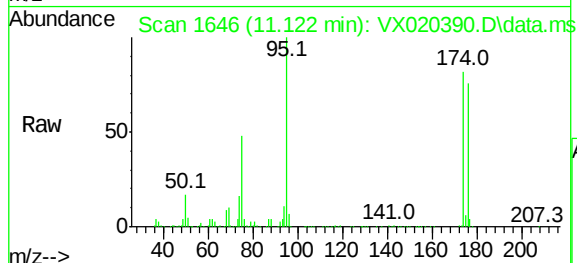




Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 43.58 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020390.D
 Acq: 24 Dec 2020 16:09

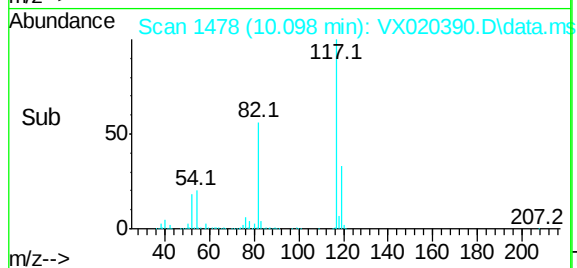
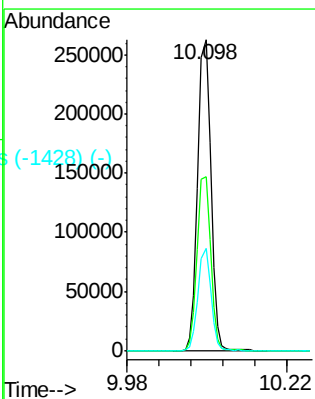
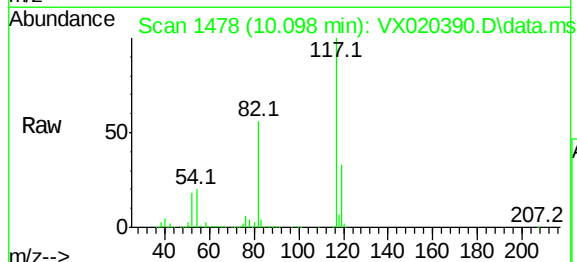
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20201213DL

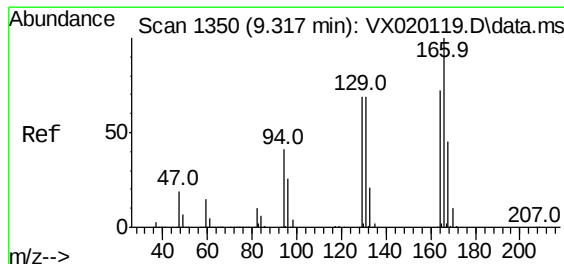
Tgt Ion:	95	Resp:	160043
Ion Ratio	Lower	Upper	
95	100		
174	79.2	0.0	154.6
176	74.5	0.0	155.8



Scan 1477 (10.092 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020390.D
 Acq: 24 Dec 2020 16:09

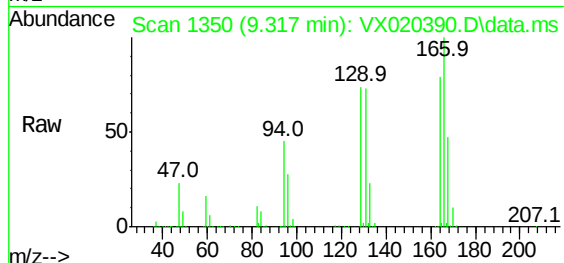
Tgt Ion:	117	Resp:	359477
Ion Ratio	Lower	Upper	
117	100		
82	55.7	47.4	71.2
119	32.9	26.6	39.8



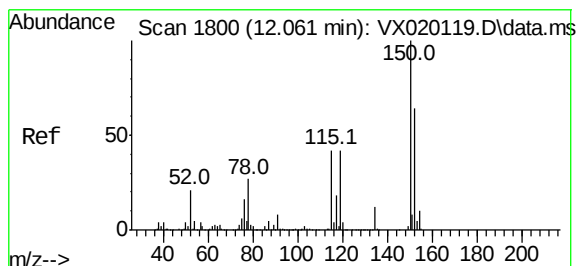
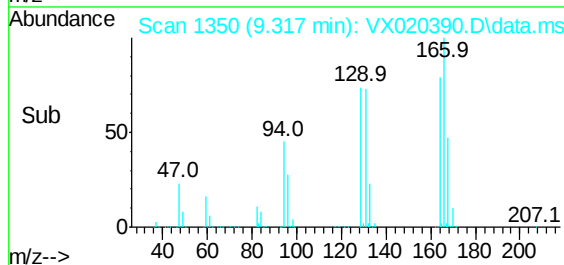
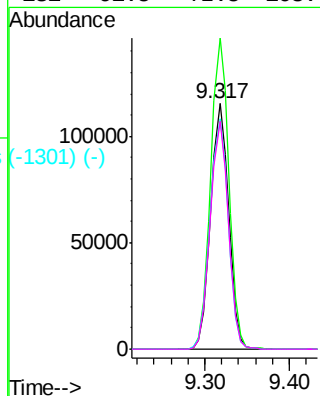


#1642 (-)
Tetrachloroethene
Concen: 60.24 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020390.D
Acq: 24 Dec 2020 16:09

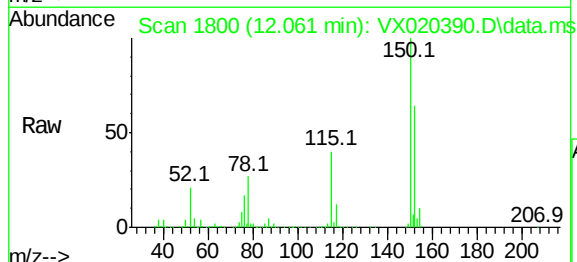
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20201213DL



Tgt Ion:164 Resp: 163162
Ion Ratio Lower Upper
164 100
166 126.6 103.4 155.2
129 93.8 70.8 106.2
131 92.5 72.5 108.7



#1724 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020390.D
Acq: 24 Dec 2020 16:09



Tgt Ion:152 Resp: 150664
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 155.7 0.0 349.0

