

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020322.D
 Acq On : 22 Dec 2020 23:16
 Operator : JC/MD
 Sample : L5123-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20201213

Quant Time: Dec 23 05:04:20 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)

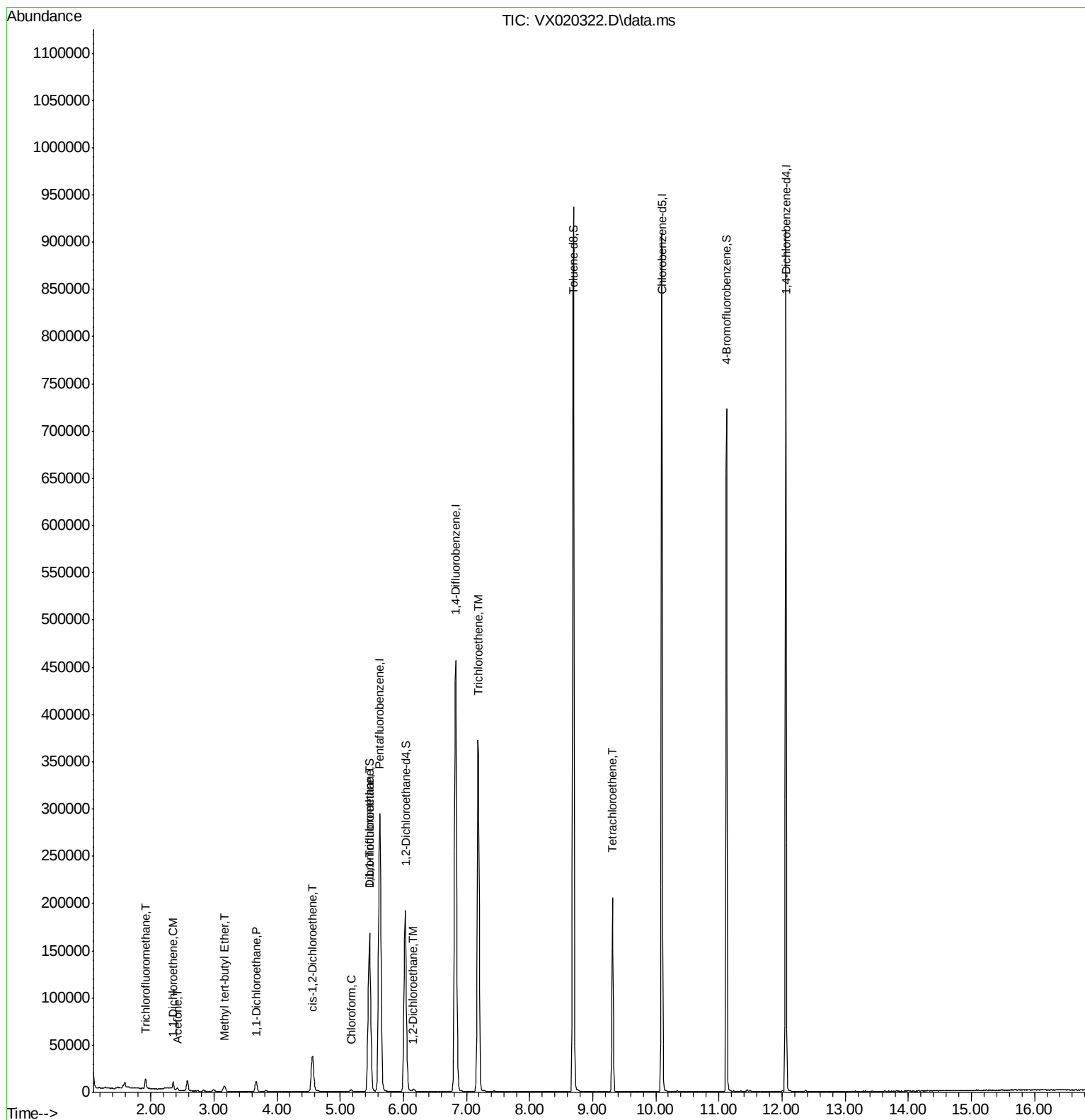
Internal Standards						
1) Pentafluorobenzene	5.629	168	282079	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	468146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	423408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	182037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	179396	47.45	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	94.90%	
35) Dibromofluoromethane	5.465	113	145658	48.64	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.28%	
50) Toluene-d8	8.696	98	559408	48.53	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.122	95	199010	45.11	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	90.22%	
Target Compounds						
						Qvalue
7) Trichlorofluoromethane	1.916	101	6787	1.36	ug/l	89
12) 1,1-Dichloroethene	2.355	96	2802	0.97	ug/l	98
16) Acetone	2.416	43	2428	1.41	ug/l	97
19) Methyl tert-butyl Ether	3.166	73	6386	0.59	ug/l	99
24) 1,1-Dichloroethane	3.666	63	12106	1.97	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	25395	6.44	ug/l	91
30) Chloroform	5.178	83	2682	0.43	ug/l	88
32) 1,1,1-Trichloroethane	5.465	97	1525	0.29	ug/l #	39
42) 1,2-Dichloroethane	6.160	62	2827	0.57	ug/l	96
44) Trichloroethene	7.184	130	145451	39.07	ug/l	98
64) Tetrachloroethene	9.318	164	40041	12.55	ug/l	96

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20201213

Quant Time: Dec 23 05:04:20 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

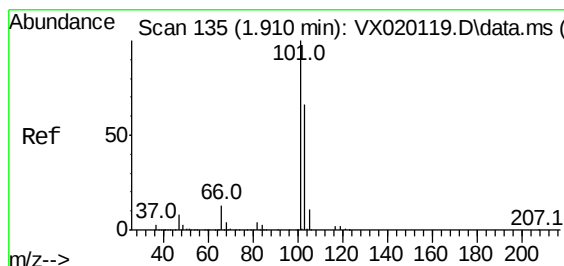
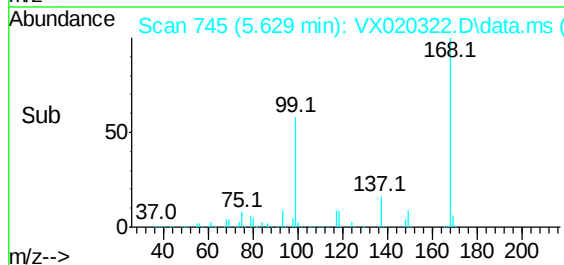
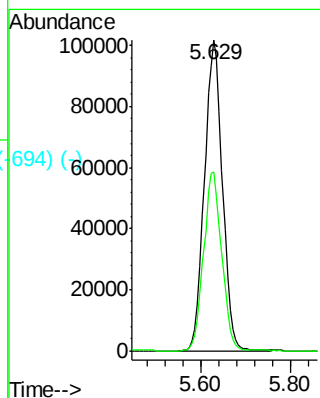
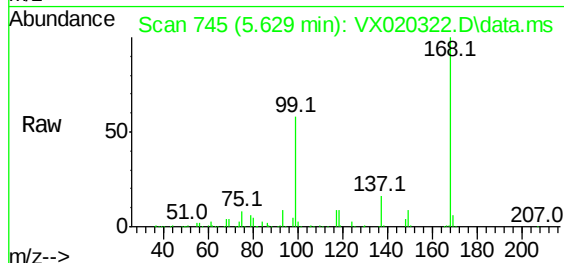




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020322.D
 Acq: 22 Dec 2020 23:16

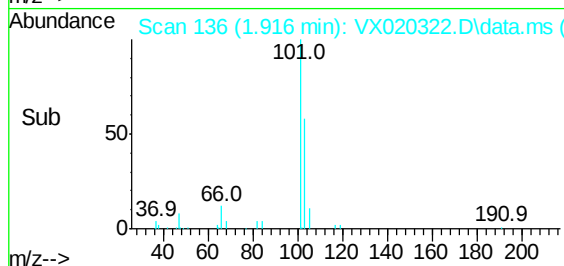
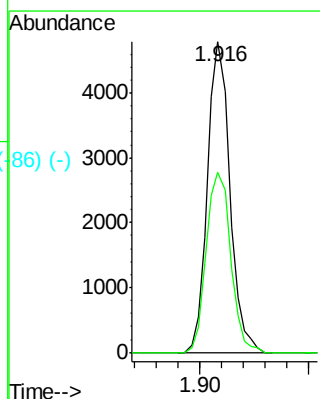
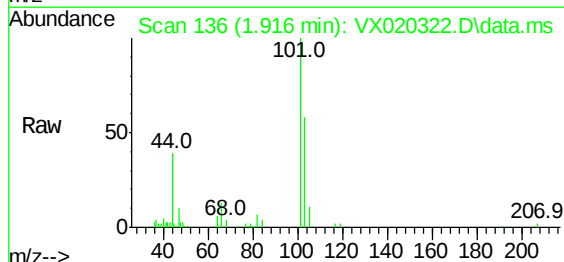
Instrument :
 MSVOA_X
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 MW202D-20201213

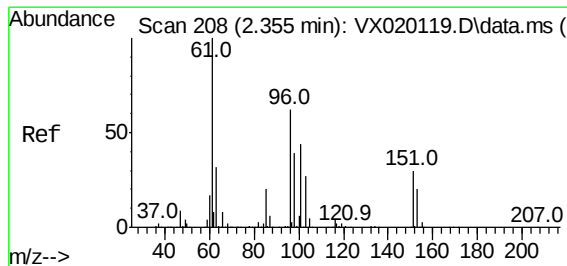
Tgt Ion:168 Resp: 282079
 Ion Ratio Lower Upper
 168 100
 99 57.8 45.8 68.6



Trichlorofluoromethane
 Concen: 1.36 ug/l
 RT: 1.916 min Scan# 136
 Delta R.T. 0.006 min
 Lab File: VX020322.D
 Acq: 22 Dec 2020 23:16

Tgt Ion:101 Resp: 6787
 Ion Ratio Lower Upper
 101 100
 103 57.9 53.2 79.8



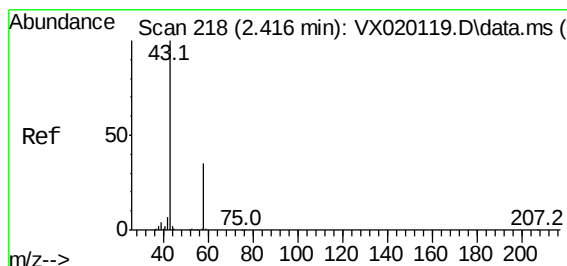
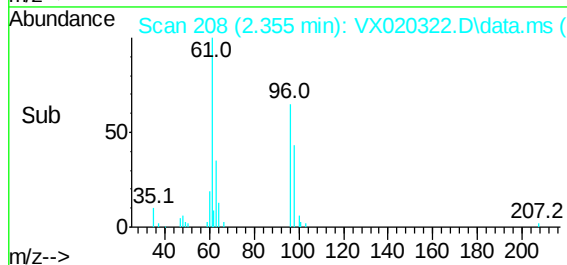
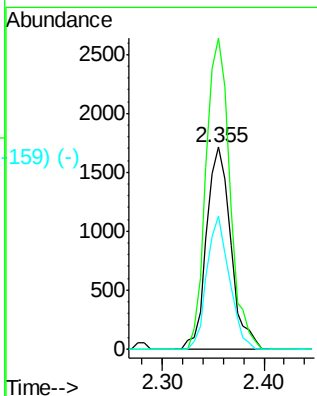
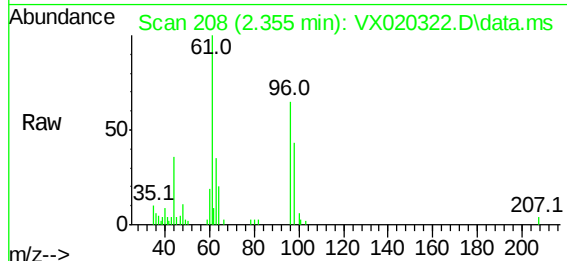


1,1-Dichloroethene
Concen: 0.97 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20201213

Tgt Ion: 96 Resp: 2802

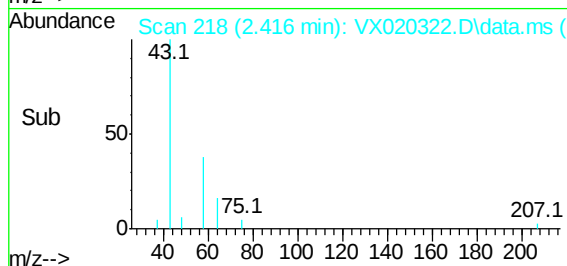
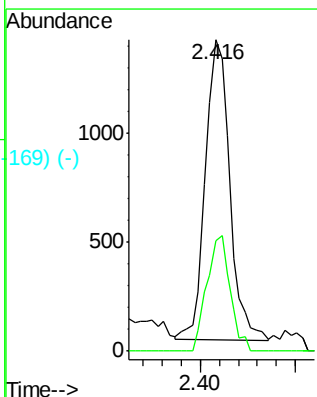
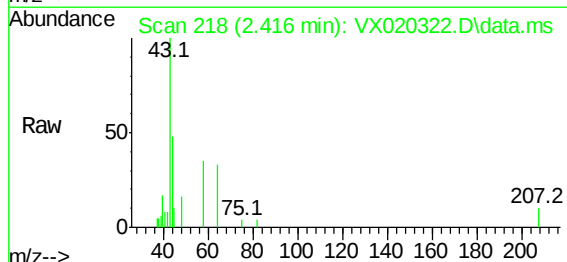
Ion	Ratio	Lower	Upper
96	100		
61	154.3	124.6	187.0
98	65.8	50.6	76.0

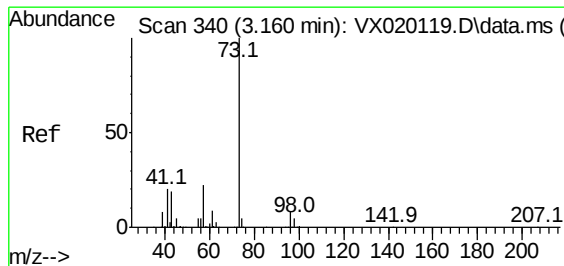


Acetone
Concen: 1.41 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

Tgt Ion: 43 Resp: 2428

Ion	Ratio	Lower	Upper
43	100		
58	36.5	27.8	41.8

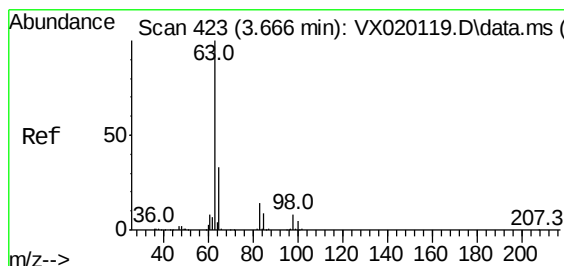
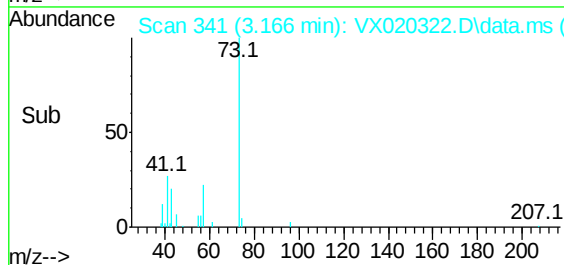
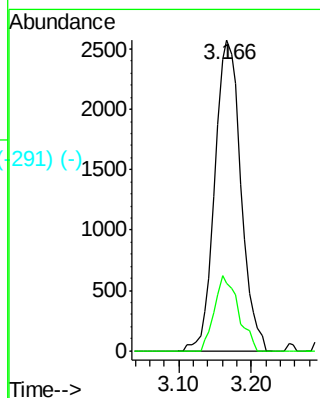
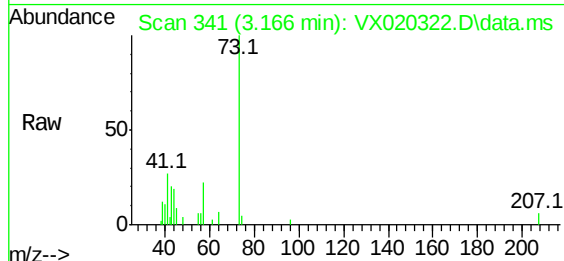




#19 (-)
Methyl tert-butyl Ether
Concen: 0.59 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

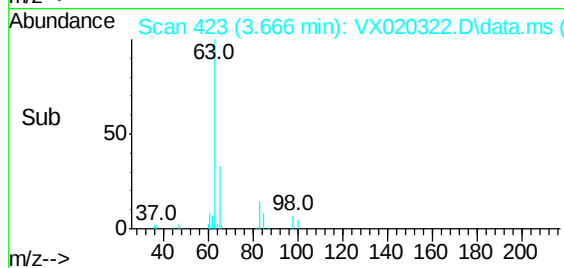
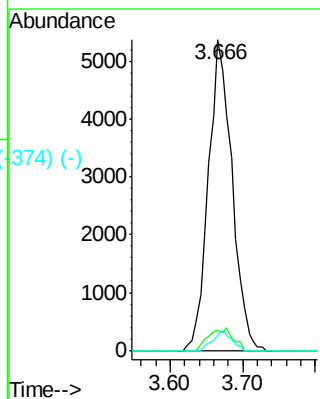
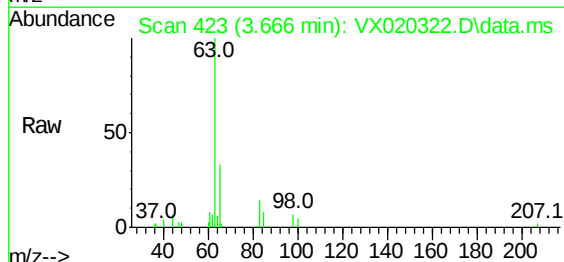
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20201213

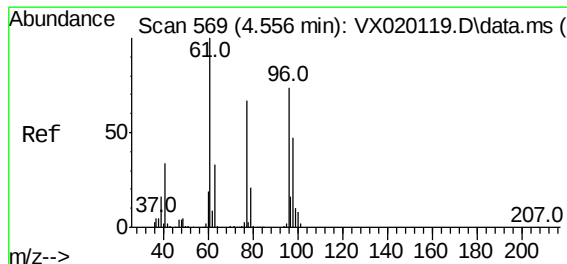
Tgt Ion: 73 Resp: 6386
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#24 (-)
1,1-Dichloroethane
Concen: 1.97 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

Tgt Ion: 63 Resp: 12106
Ion Ratio Lower Upper
63 100
98 6.5 3.8 11.2
100 4.8 2.5 7.5

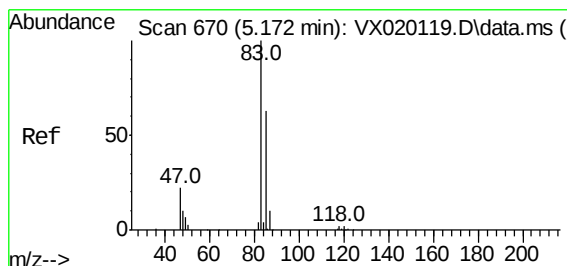
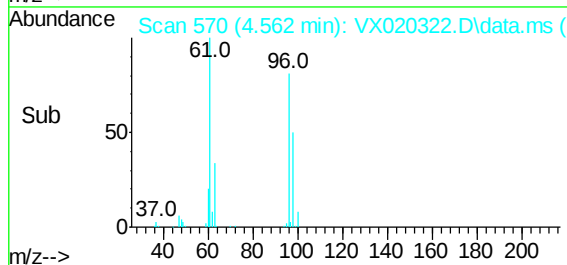
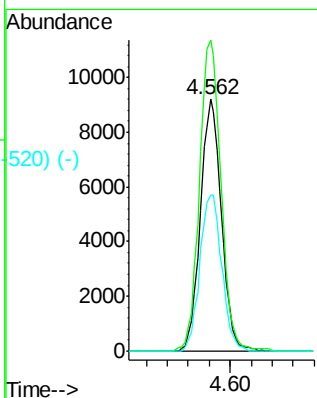
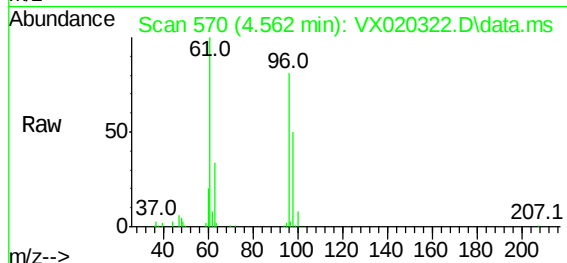




cis-1,2-Dichloroethene
 Concen: 6.44 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020322.D
 Acq: 22 Dec 2020 23:16

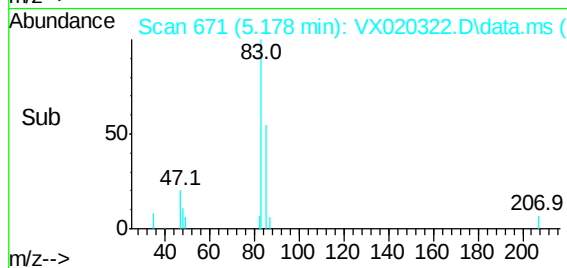
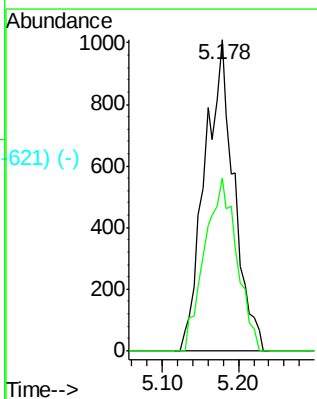
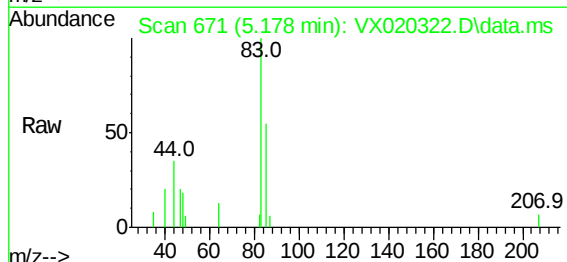
Instrument :
 MSVOA_X
 ClientSampleId :
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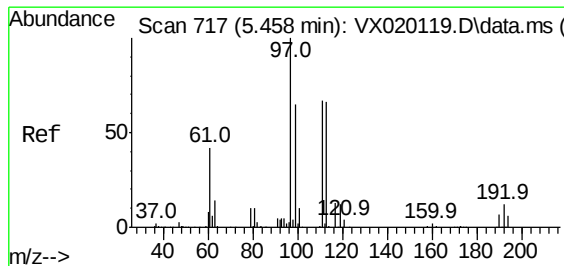
Tgt Ion:	96	Resp:	25395
Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	285.6
98	64.7	0.0	129.6



Chloroform
 Concen: 0.43 ug/l
 RT: 5.178 min Scan# 671
 Delta R.T. 0.006 min
 Lab File: VX020322.D
 Acq: 22 Dec 2020 23:16

Tgt Ion:	83	Resp:	2682
Ion	Ratio	Lower	Upper
83	100		
85	55.4	52.0	78.0

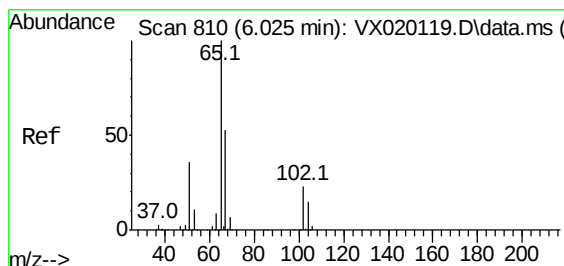
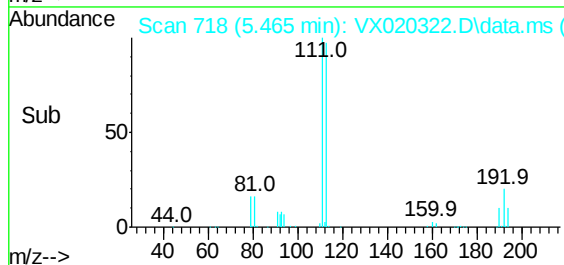
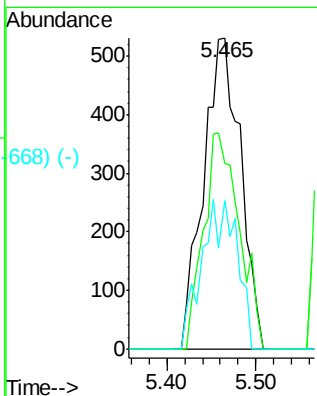
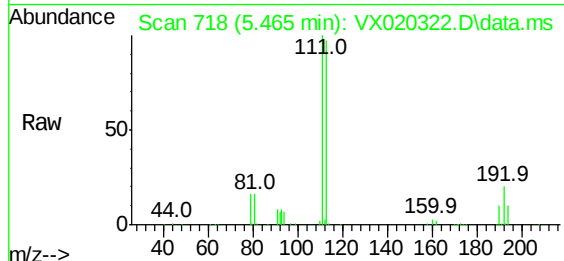




768 (-)
1,1,1-Trichloroethane
Concen: 0.29 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

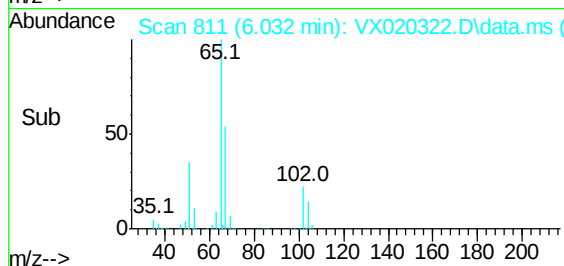
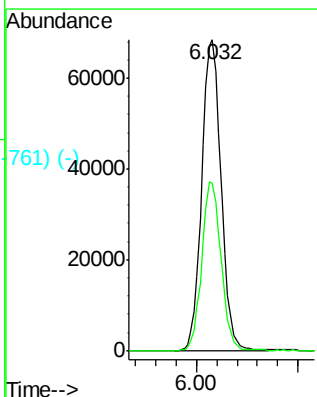
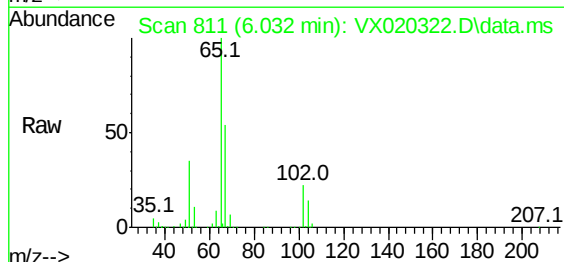
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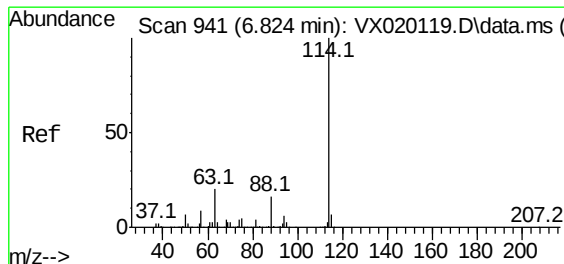
Tgt Ion: 97 Resp: 1525
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 24.9 34.2 51.4#



768 (-)
1,2-Dichloroethane-d4
Concen: 47.45 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

Tgt Ion: 65 Resp: 179396
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4

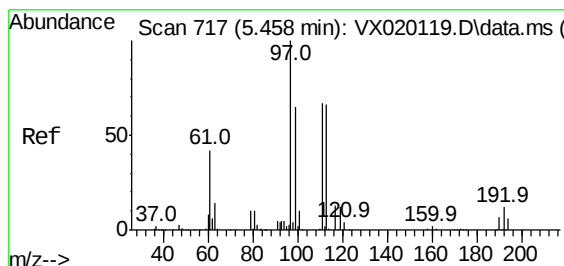
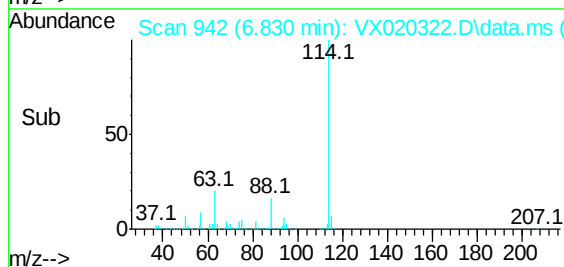
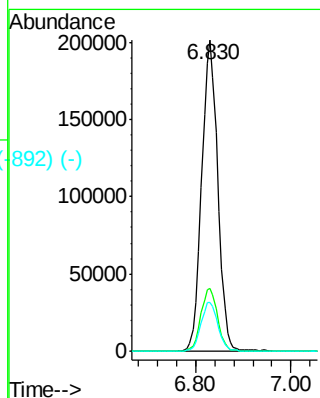
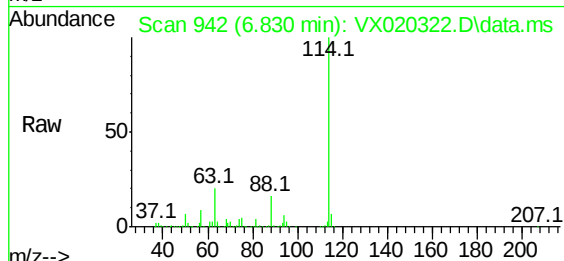




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

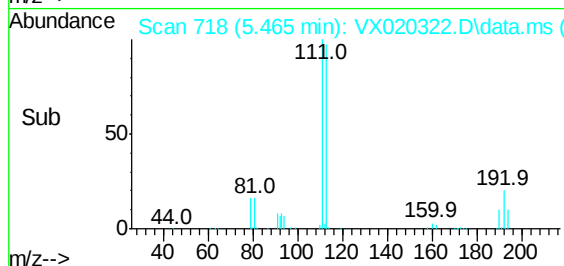
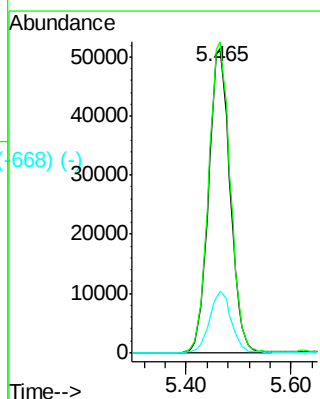
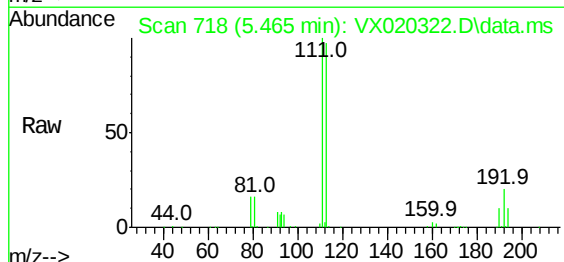
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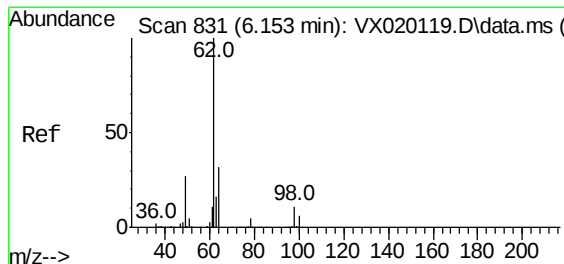
Tgt Ion:114 Resp: 468146
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.7 0.0 32.8



Dibromofluoromethane
Concen: 48.64 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

Tgt Ion:113 Resp: 145658
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.2 16.7 25.1

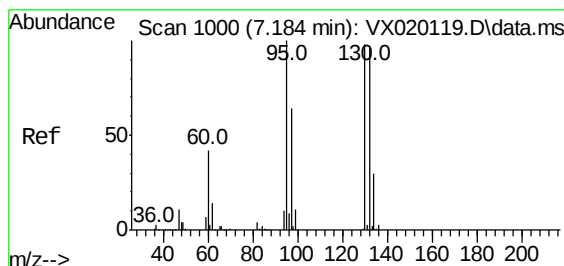
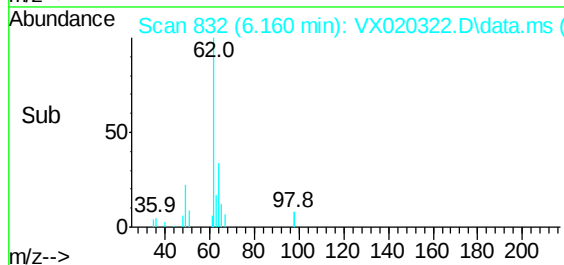
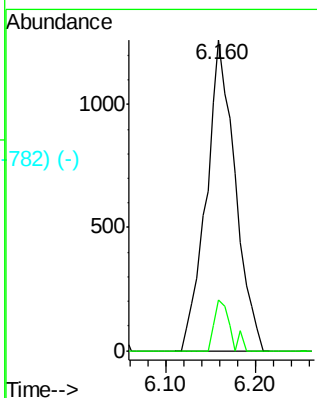
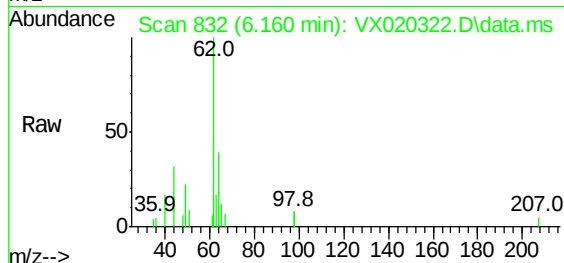




1,2-Dichloroethane
 Concen: 0.57 ug/l
 RT: 6.160 min Scan# 832
 Delta R.T. 0.007 min
 Lab File: VX020322.D
 Acq: 22 Dec 2020 23:16

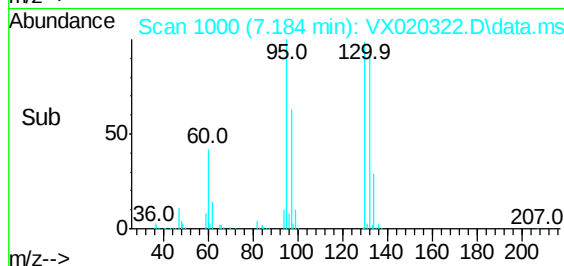
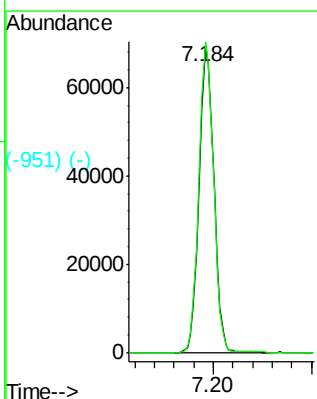
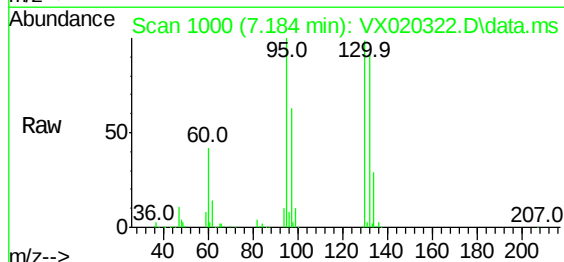
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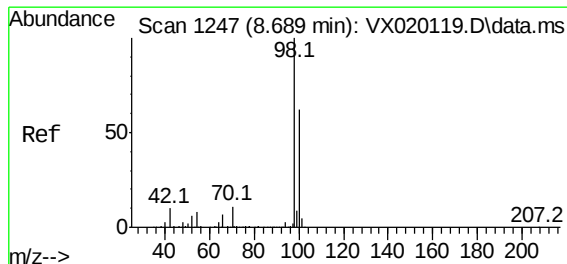
Tgt Ion: 62 Resp: 2827
 Ion Ratio Lower Upper
 62 100
 98 8.7 0.0 20.2



Trichloroethene
 Concen: 39.07 ug/l
 RT: 7.184 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VX020322.D
 Acq: 22 Dec 2020 23:16

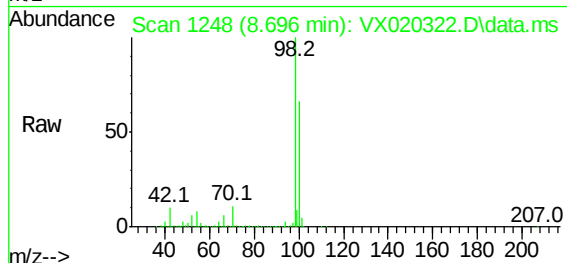
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 Ion Ratio Lower Upper
 130 100
 95 101.3 0.0 198.0



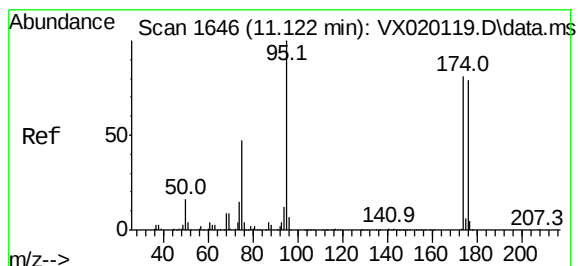
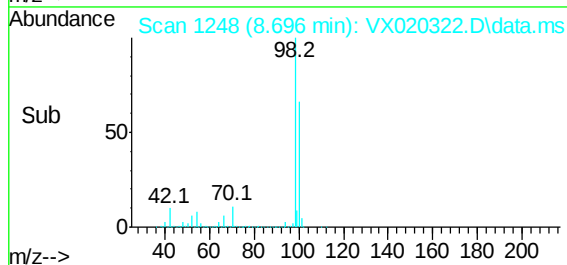
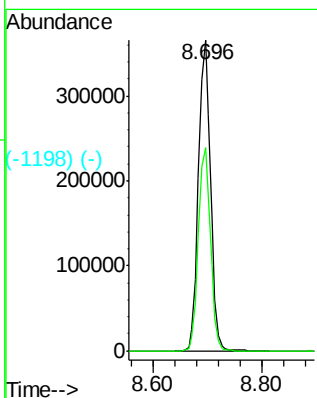


#599 (-)
Toluene-d8
Concen: 48.53 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20201213

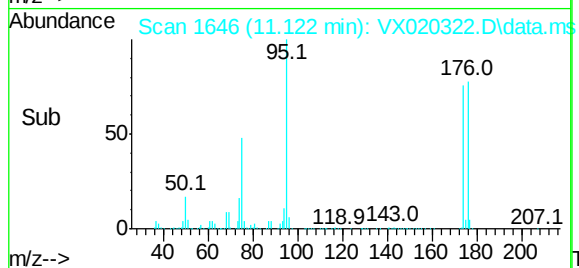
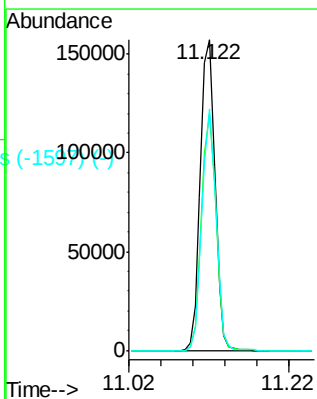
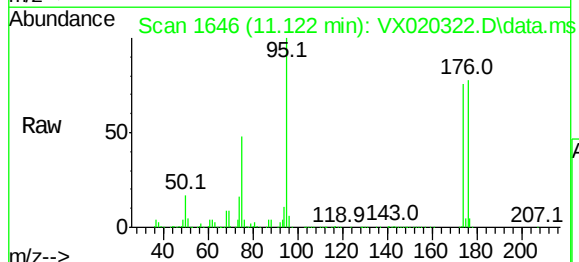


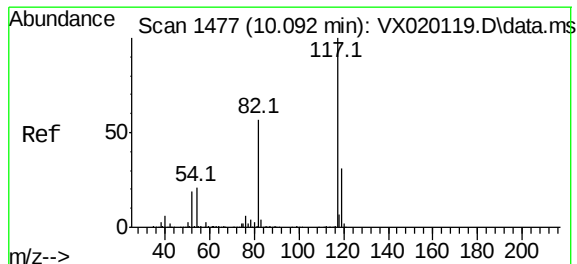
Tgt Ion: 98 Resp: 559408
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#639 (-)
4-Bromofluorobenzene
Concen: 45.11 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

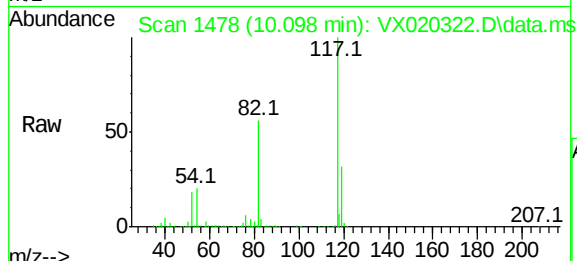
Tgt Ion: 95 Resp: 199010
Ion Ratio Lower Upper
95 100
174 75.4 0.0 154.6
176 74.9 0.0 155.8



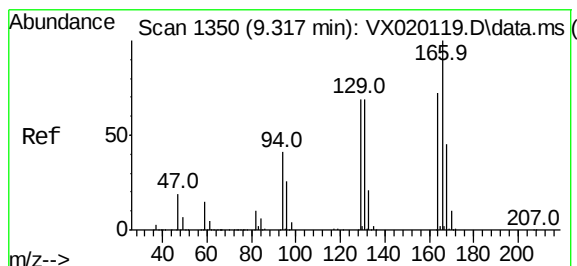
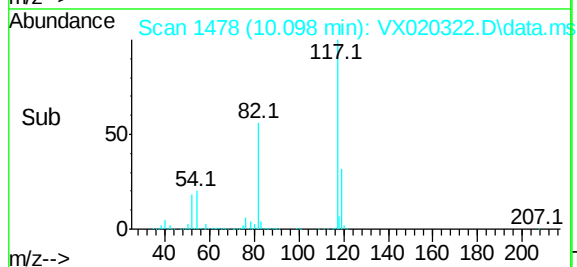
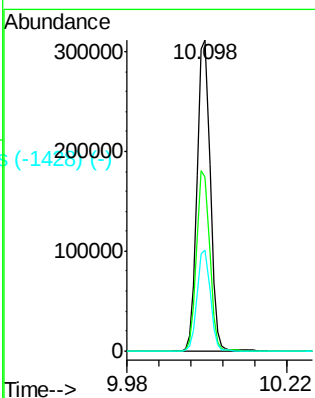


#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16

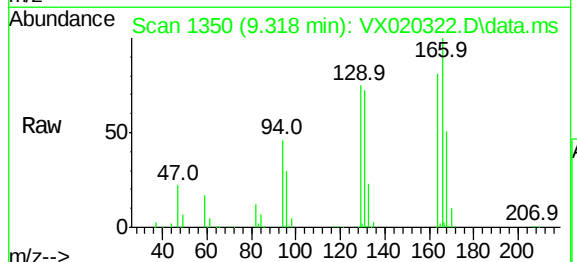
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20201213



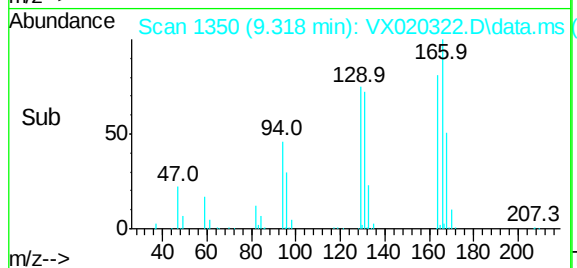
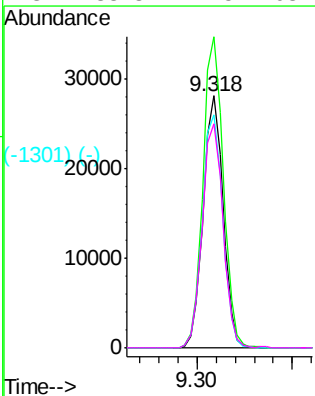
Tgt Ion:	117	Resp:	423408
Ion Ratio	Lower	Upper	
117	100		
82	55.9	47.4	71.2
119	32.4	26.6	39.8

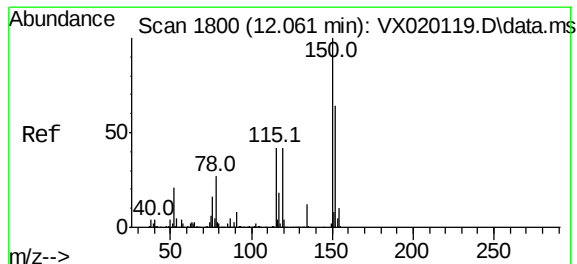


#642 (-)
Tetrachloroethene
Concen: 12.55 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. 0.001 min
Lab File: VX020322.D
Acq: 22 Dec 2020 23:16



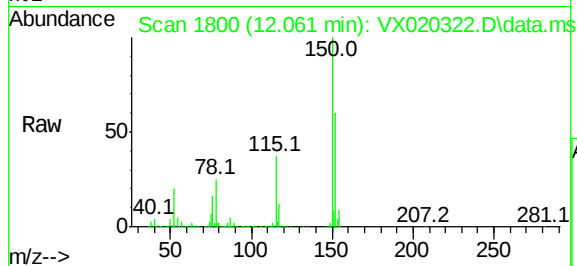
Tgt Ion:	164	Resp:	40041
Ion Ratio	Lower	Upper	
164	100		
166	123.7	103.4	155.2
129	92.7	70.8	106.2
131	88.8	72.5	108.7





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020322.D
 Acq: 22 Dec 2020 23:16

Instrument :
 MSVOA_X
ClientSampleId :
 MW202D-20201213



Tgt Ion:152 Resp: 182037

Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.1	123.3
150	158.6	0.0	349.0

