

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX122320\
 Data File : VX020333.D
 Acq On : 23 Dec 2020 13:10
 Operator : JC/MD
 Sample : L5124-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20201211

Quant Time: Dec 24 00:15:51 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)

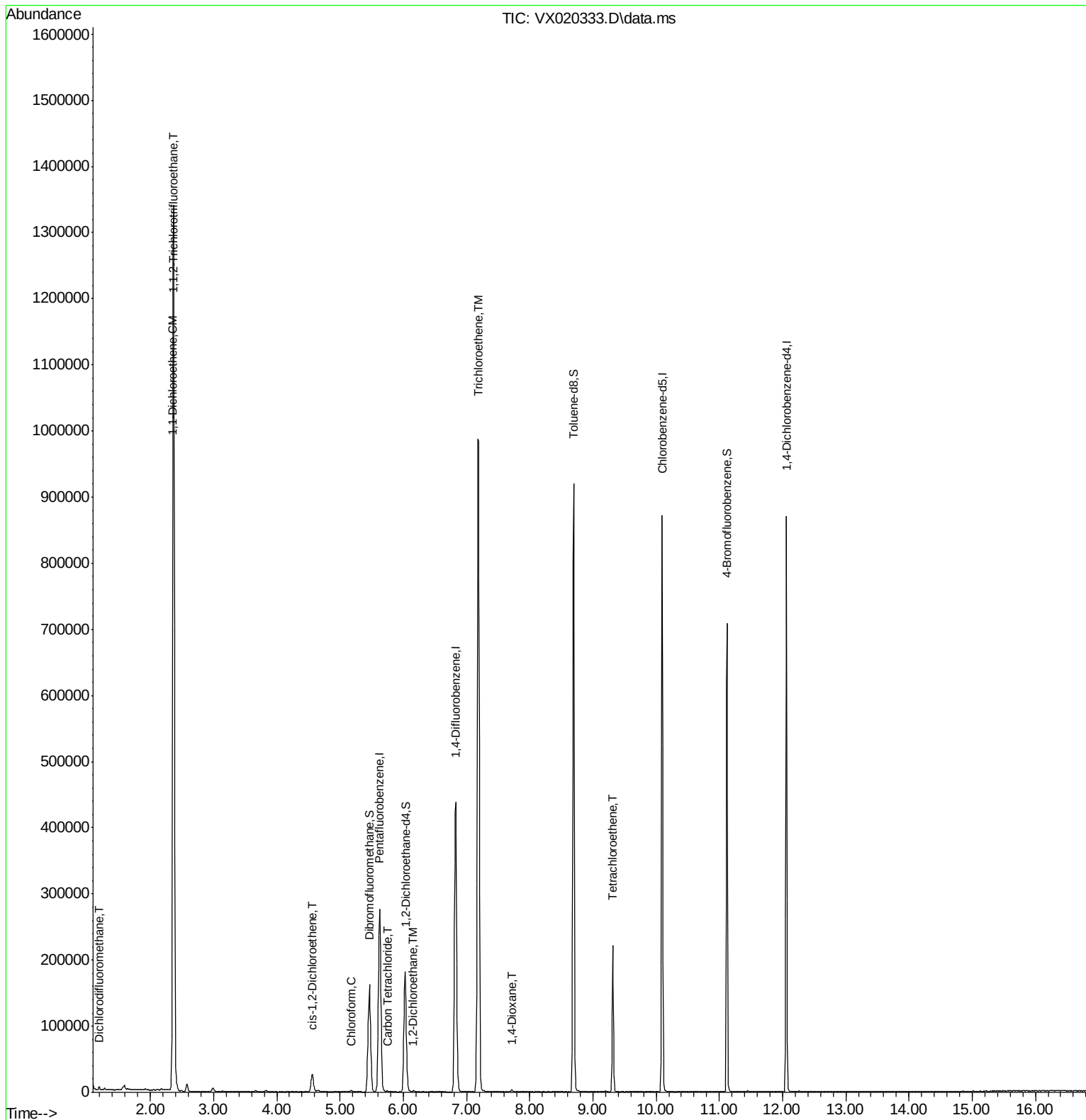
Internal Standards						
1) Pentafluorobenzene	5.629	168	263221	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	445306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	410773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	178083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	173439	49.16	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.32%
35) Dibromofluoromethane	5.464	113	139803	49.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.16%
50) Toluene-d8	8.695	98	535180	48.81	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.62%
62) 4-Bromofluorobenzene	11.122	95	194498	46.35	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.70%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	1038	0.36	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.367	101	540735	205.78	ug/l	99
12) 1,1-Dichloroethene	2.355	96	5840	2.17	ug/l	90
27) cis-1,2-Dichloroethene	4.562	96	17222	4.68	ug/l	92
30) Chloroform	5.178	83	2233	0.38	ug/l	97
38) Carbon Tetrachloride	5.745	117	1221	0.29	ug/l	97
42) 1,2-Dichloroethane	6.153	62	1710	0.36	ug/l	95
44) Trichloroethene	7.190	130	386153	109.04	ug/l	97
49) 1,4-Dioxane	7.720	88	2151	25.97	ug/l	96
64) Tetrachloroethene	9.317	164	41000	13.25	ug/l	94

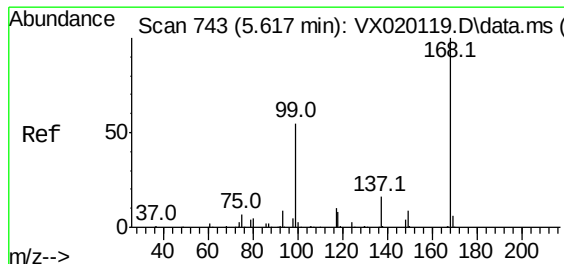
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

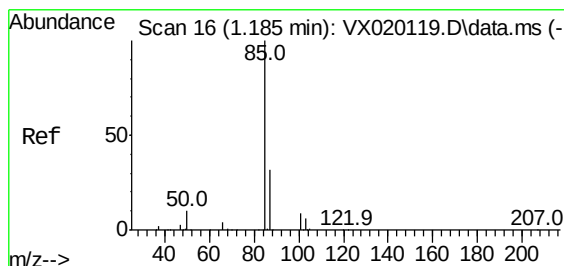
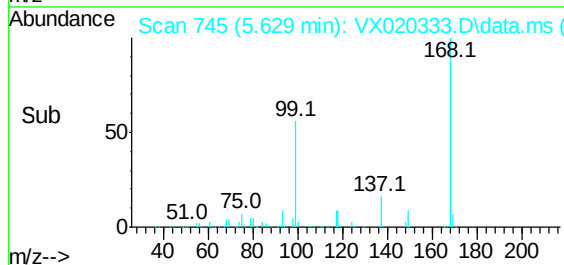
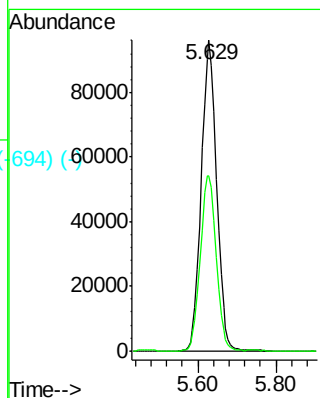
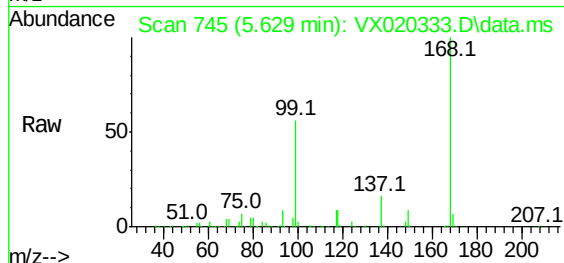




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 13:10

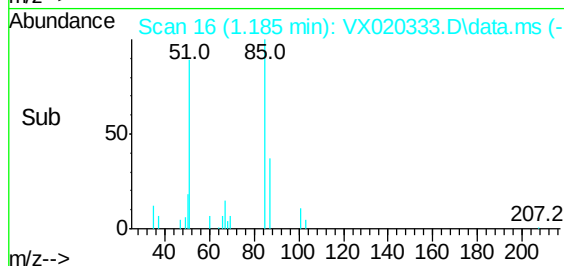
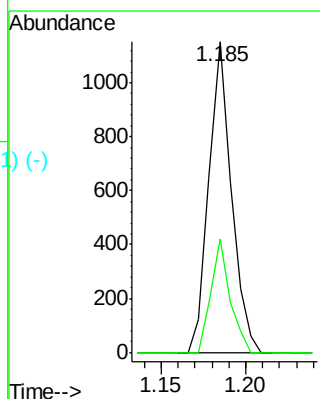
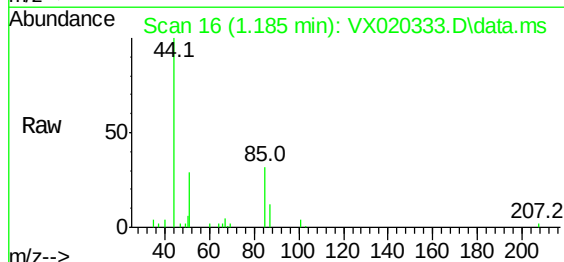
Instrument :
 MSVOA_X
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 RE131D2-20201211

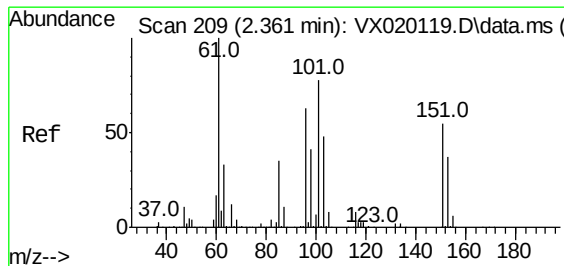
Tgt Ion:168 Resp: 263221
 Ion Ratio Lower Upper
 168 100
 99 56.5 45.8 68.6



Dichlorodifluoromethane
 Concen: 0.36 ug/l
 RT: 1.185 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 13:10

Tgt Ion: 85 Resp: 1038
 Ion Ratio Lower Upper
 85 100
 87 36.6 16.4 49.2

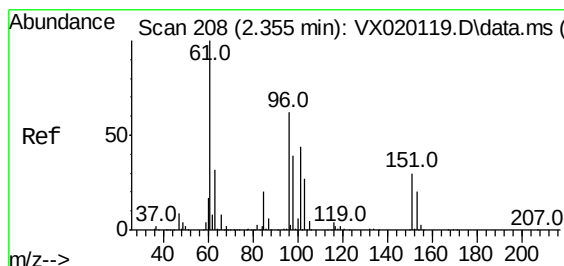
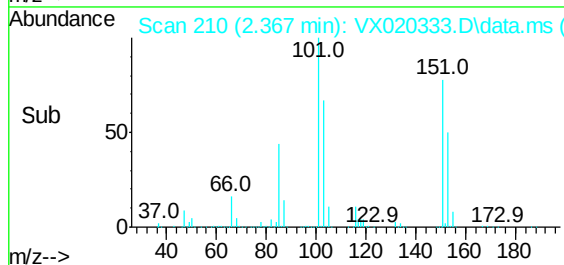
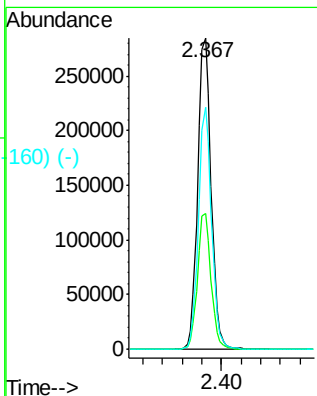
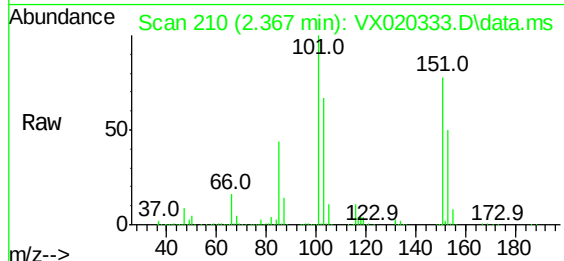




1,1,2-Trichlorotrifluoroethane
Concen: 205.78 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020333.D
Acq: 23 Dec 2020 13:10

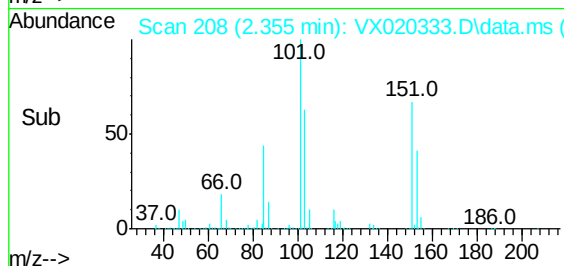
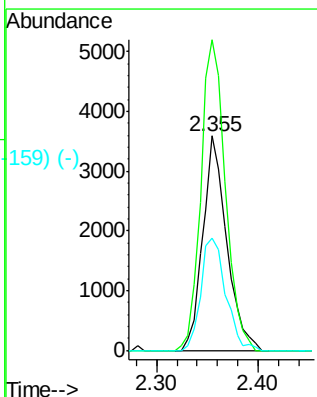
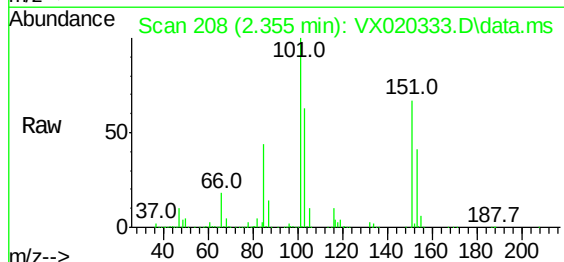
Instrument :
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ClientSampleId :
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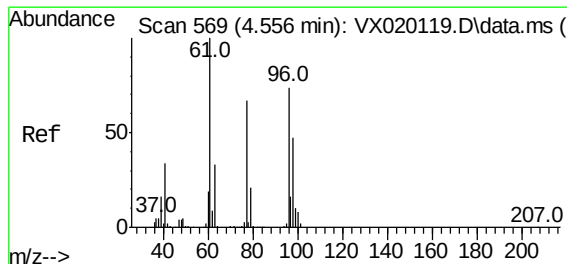
Tgt Ion:101 Resp: 540735
Ion Ratio Lower Upper
101 100
85 43.5 34.9 52.3
151 75.9 61.4 92.2



1,1-Dichloroethene
Concen: 2.17 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020333.D
Acq: 23 Dec 2020 13:10

Tgt Ion: 96 Resp: 5840
Ion Ratio Lower Upper
96 100
61 145.1 124.6 187.0
98 52.6 50.6 76.0

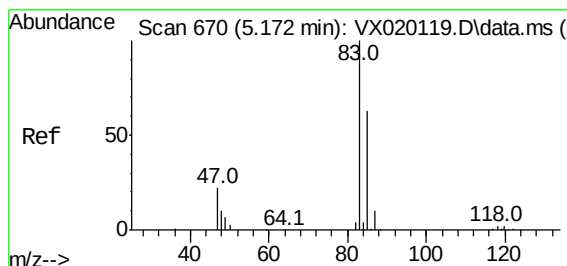
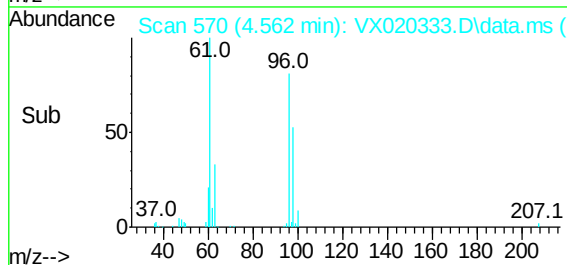
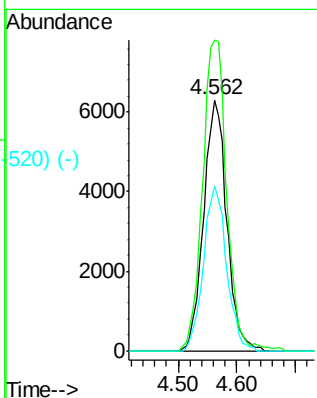
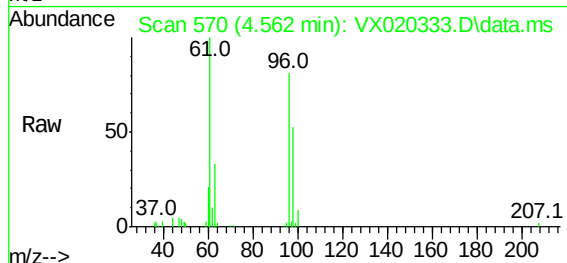




cis-1,2-Dichloroethene
 Concen: 4.68 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 13:10

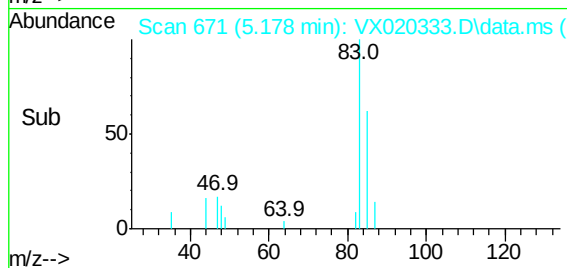
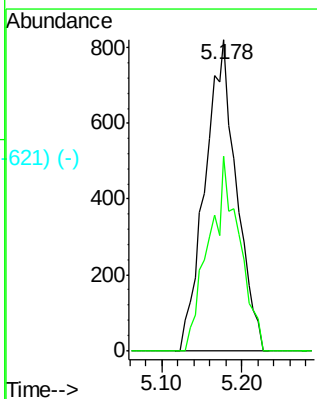
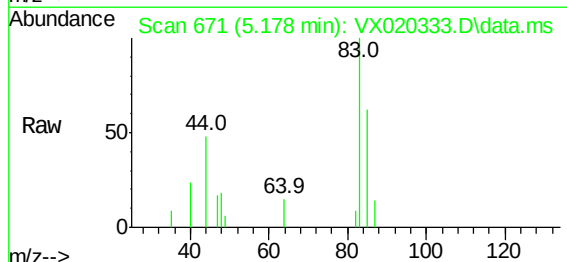
Instrument :
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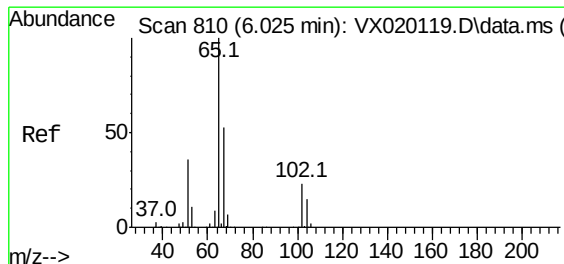
Tgt Ion:	96	Resp:	17222
Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	285.6
98	65.6	0.0	129.6



Chloroform
 Concen: 0.38 ug/l
 RT: 5.178 min Scan# 671
 Delta R.T. 0.006 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 13:10

Tgt Ion:	83	Resp:	2233
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.0	78.0

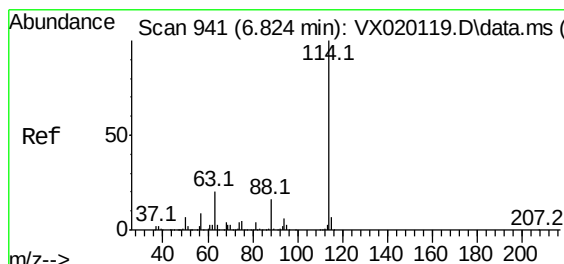
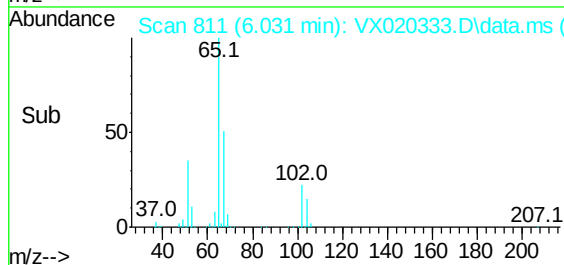
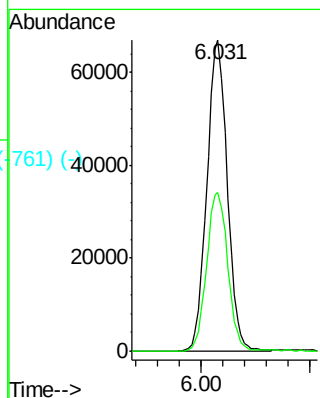
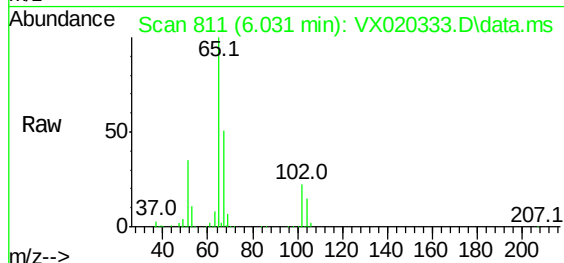




Scan 810 (6.025 min): VX020119.D\data.ms (-753) (-)
 1,2-Dichloroethane-d4
 Concen: 49.16 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 13:10

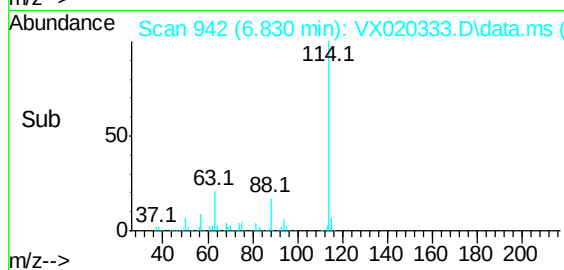
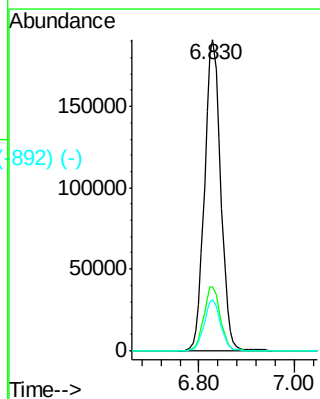
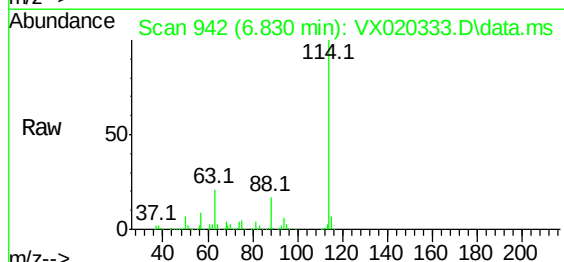
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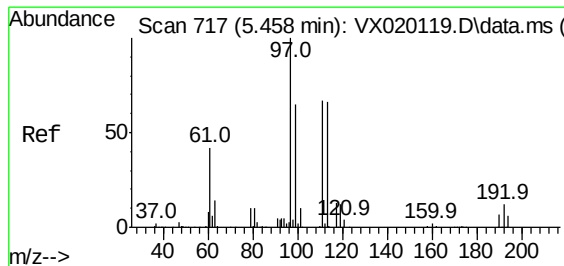
Tgt Ion: 65 Resp: 173439
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



Scan 941 (6.824 min): VX020119.D\data.ms (-954) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 13:10

Tgt Ion:114 Resp: 445306
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.5 0.0 32.8

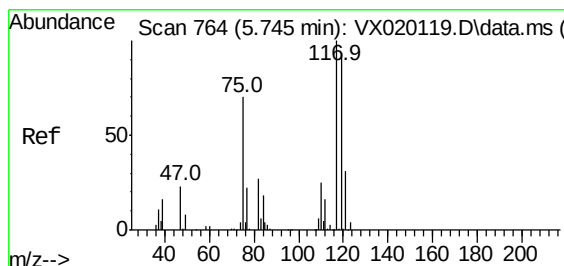
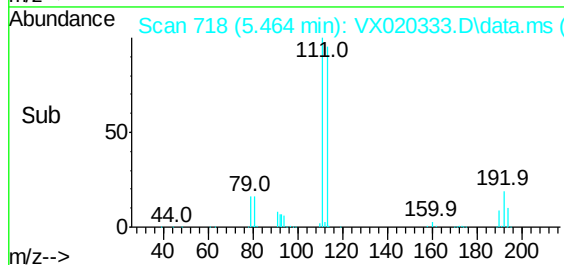
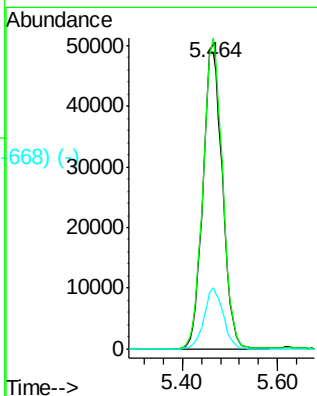
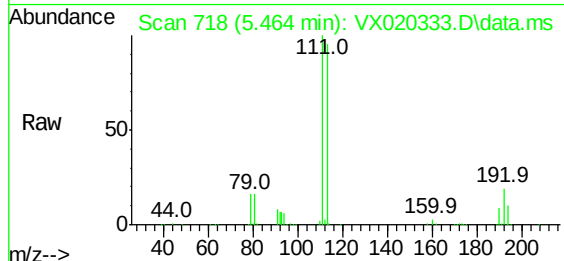




#35 (-)
Dibromofluoromethane
Concen: 49.08 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020333.D
Acq: 23 Dec 2020 13:10

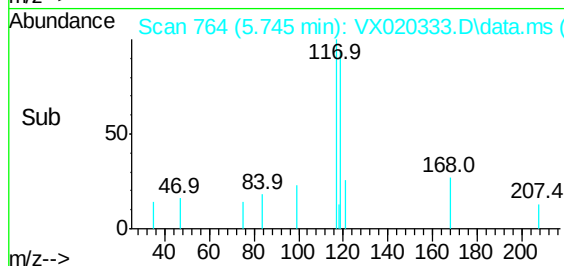
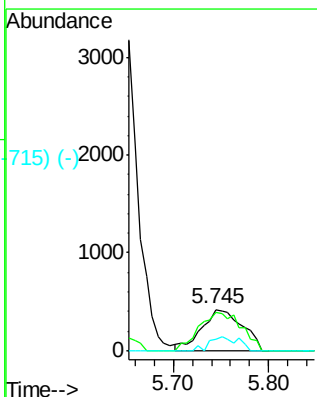
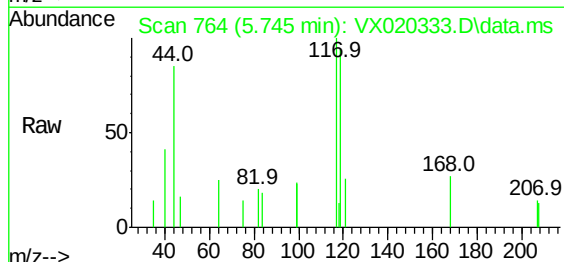
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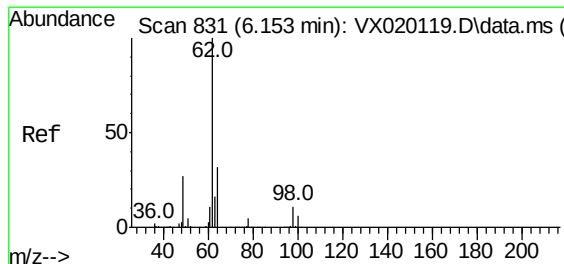
Tgt Ion:	113	Resp:	139803
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	19.6	16.7	25.1



#38 (-)
Carbon Tetrachloride
Concen: 0.29 ug/l
RT: 5.745 min Scan# 764
Delta R.T. -0.000 min
Lab File: VX020333.D
Acq: 23 Dec 2020 13:10

Tgt Ion:	117	Resp:	1221
Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.2	114.2
121	25.8	24.8	37.2

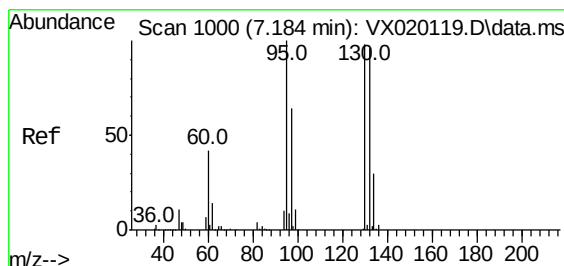
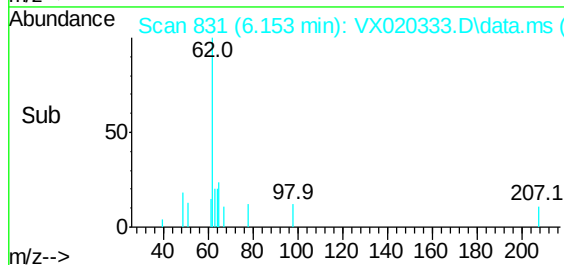
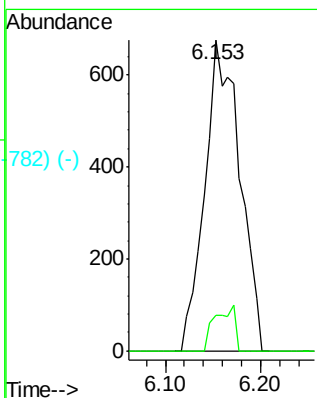
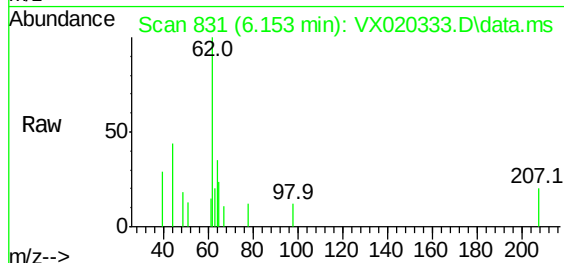




1,2-Dichloroethane
 Concen: 0.36 ug/l
 RT: 6.153 min Scan# 831
 Delta R.T. 0.000 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 13:10

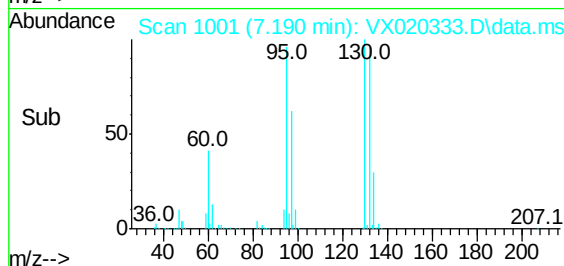
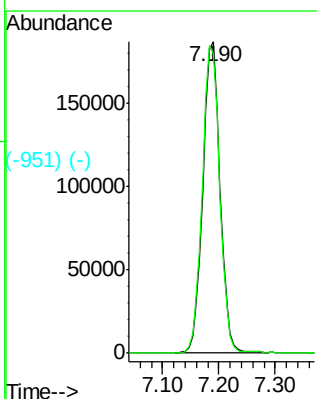
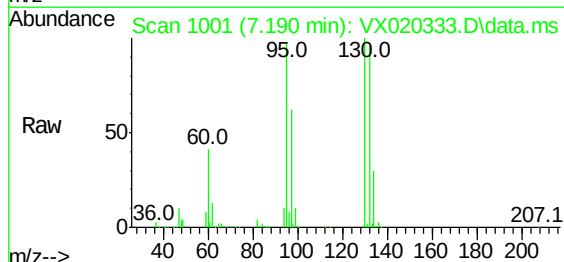
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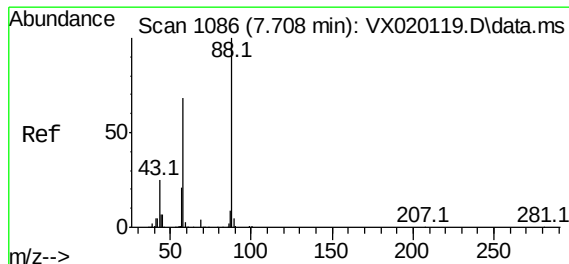
Tgt Ion: 62 Resp: 1710
 Ion Ratio Lower Upper
 62 100
 98 8.4 0.0 20.2



Trichloroethene
 Concen: 109.04 ug/l
 RT: 7.190 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 13:10

Tgt Ion: 130 Resp: 386153
 Ion Ratio Lower Upper
 130 100
 95 96.5 0.0 198.0

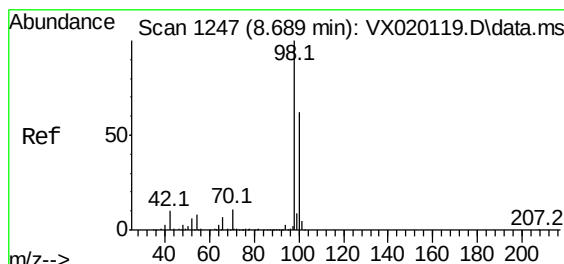
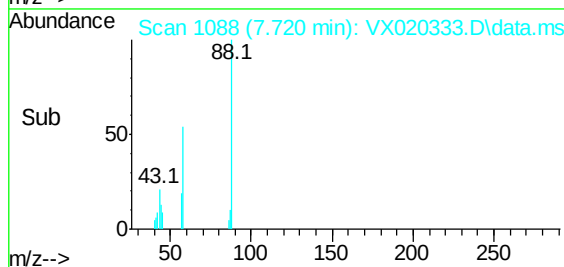
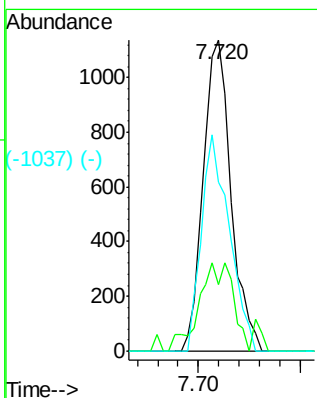
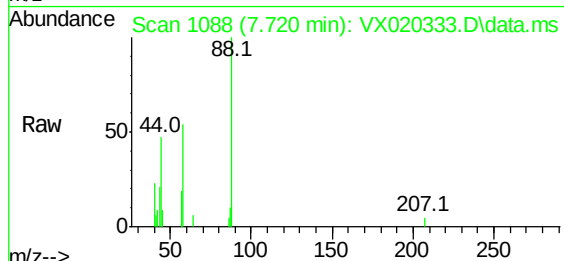




(-1099) (-)
 1,4-Dioxane
 Concen: 25.97 ug/l
 RT: 7.720 min Scan# 1088
 Delta R.T. 0.012 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 13:10

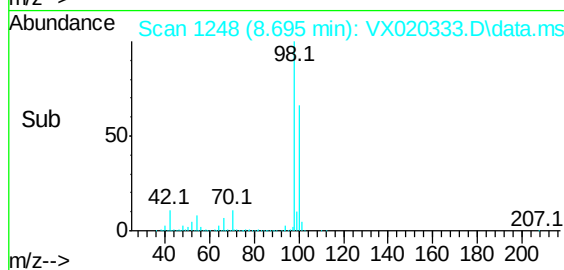
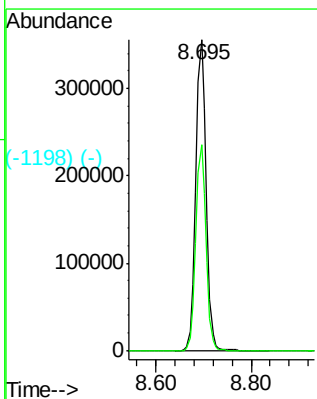
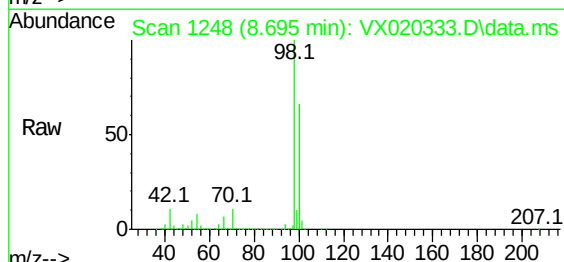
Instrument :
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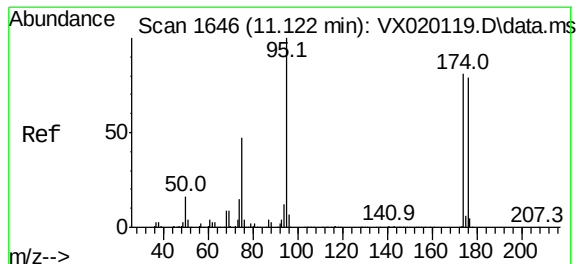
Tgt Ion:	88	Resp:	2151
Ion	Ratio	Lower	Upper
88	100		
43	34.5	23.2	34.8
58	70.0	55.0	82.4



(-1209) (-)
 To Luene-d8
 Concen: 48.81 ug/l
 RT: 8.695 min Scan# 1248
 Delta R.T. 0.006 min
 Lab File: VX020333.D
 Acq: 23 Dec 2020 13:10

Tgt Ion:	98	Resp:	535180
Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.9	77.9

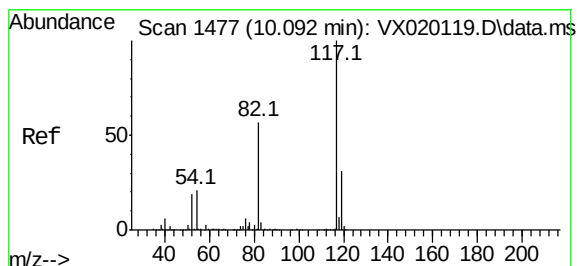
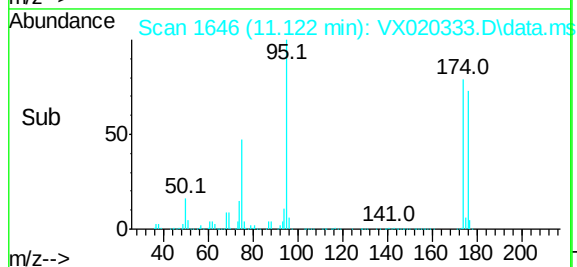
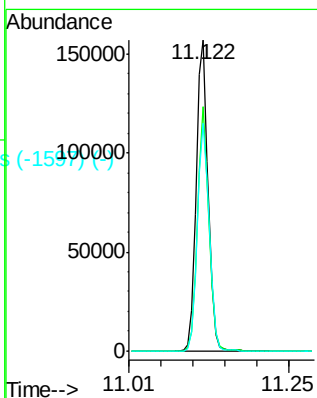
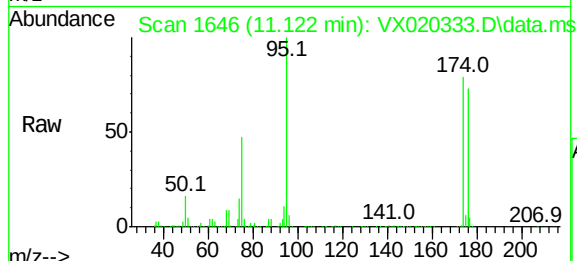




#639 (-)
4-Bromofluorobenzene
Concen: 46.35 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020333.D
Acq: 23 Dec 2020 13:10

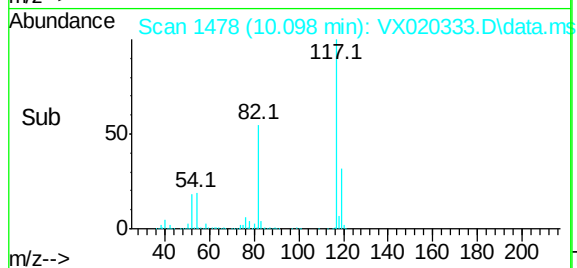
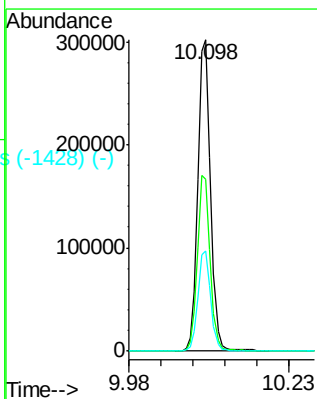
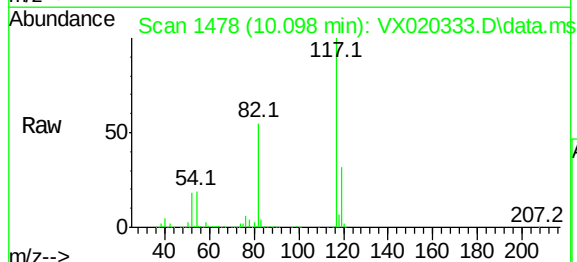
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211

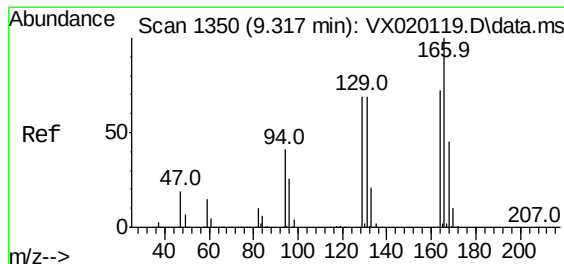
Tgt Ion:	95	Resp:	194498
Ion Ratio	Lower	Upper	
95	100		
174	74.9	0.0	154.6
176	73.1	0.0	155.8



#640 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020333.D
Acq: 23 Dec 2020 13:10

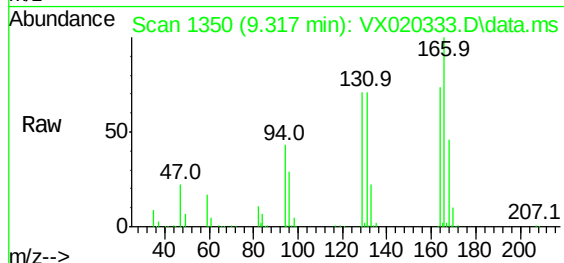
Tgt Ion:	117	Resp:	410773
Ion Ratio	Lower	Upper	
117	100		
82	55.1	47.4	71.2
119	32.0	26.6	39.8





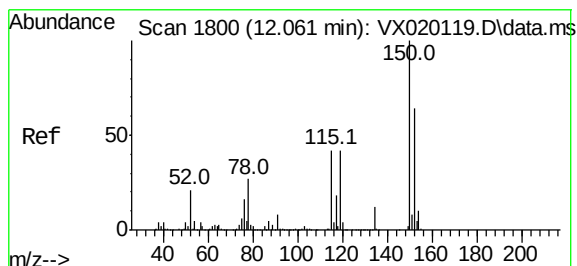
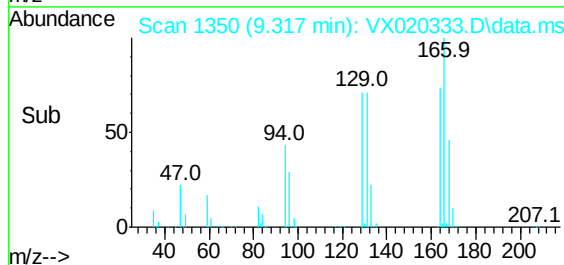
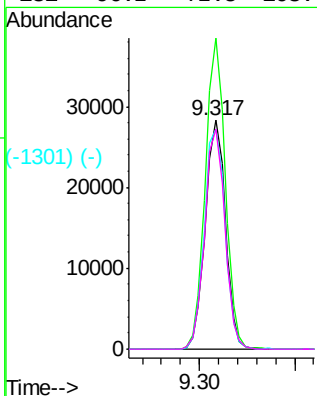
#642 (-)
Tetrachloroethene
Concen: 13.25 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020333.D
Acq: 23 Dec 2020 13:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211

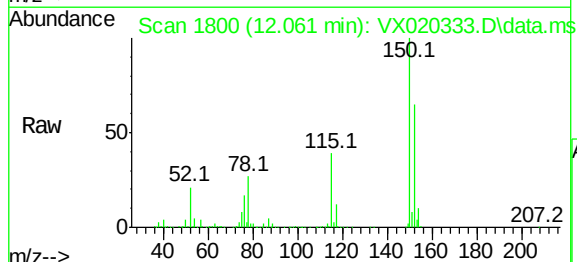


Tgt Ion:164 Resp: 41000

Ion	Ratio	Lower	Upper
164	100		
166	136.0	103.4	155.2
129	96.0	70.8	106.2
131	96.1	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: VX020333.D
Acq: 23 Dec 2020 13:10



Tgt Ion:152 Resp: 178083

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	155.1	0.0	349.0

