

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020155.D
 Acq On : 19 Dec 2020 07:24
 Operator : JC/MD
 Sample : L5053-16DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20201210DL

Quant Time: Dec 21 00:12:33 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)

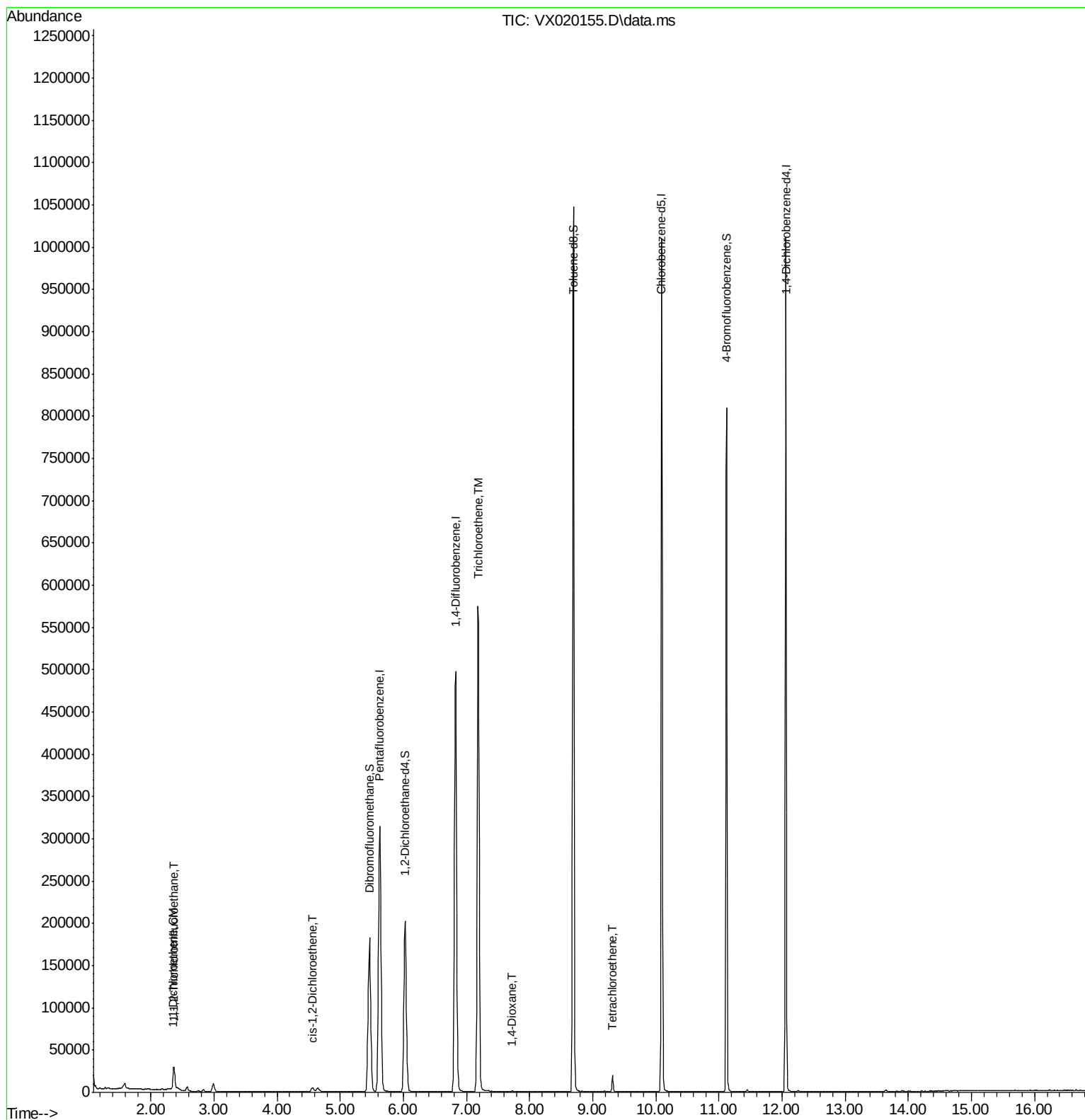
Internal Standards						
1) Pentafluorobenzene	5.629	168	305132	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	511089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	470899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	207257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	197693	48.33	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	96.66%	
35) Dibromofluoromethane	5.464	113	158943	48.61	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.22%	
50) Toluene-d8	8.695	98	623277	49.53	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.122	95	218557	45.38	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	90.76%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.367	101	8745	2.87	ug/l	98
12) 1,1-Dichloroethene	2.355	96	2703	0.87	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	3332	0.78	ug/l	92
44) Trichloroethene	7.190	130	224046	55.12	ug/l	98
49) 1,4-Dioxane	7.720	88	408	4.29	ug/l	91
64) Tetrachloroethene	9.317	164	3681	1.04	ug/l	93

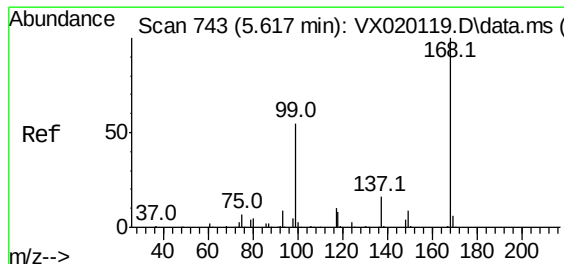
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

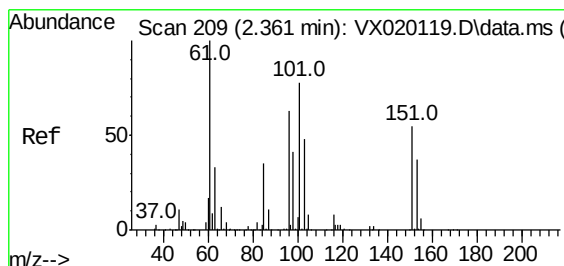
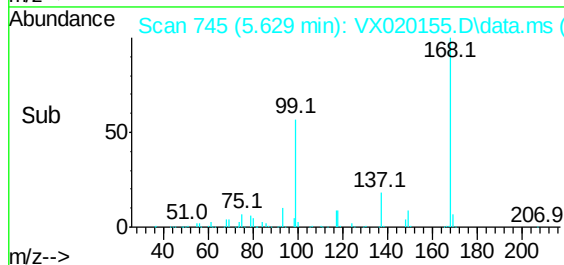
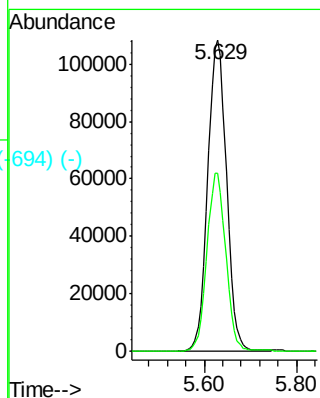
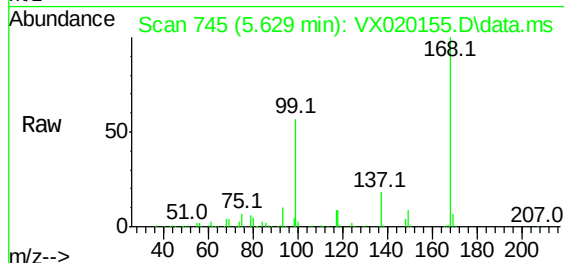




743 (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020155.D
 Acq: 19 Dec 2020 07:24

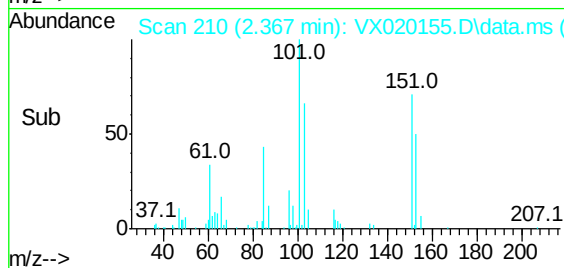
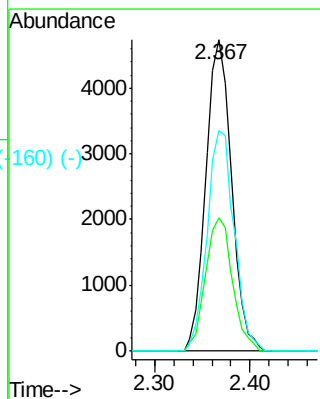
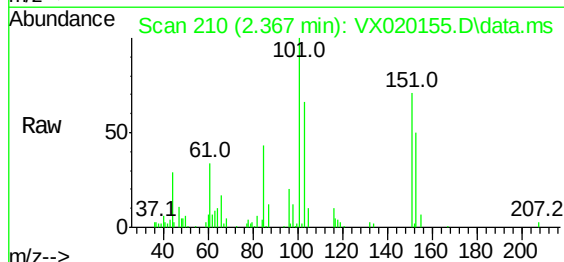
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20201210DL

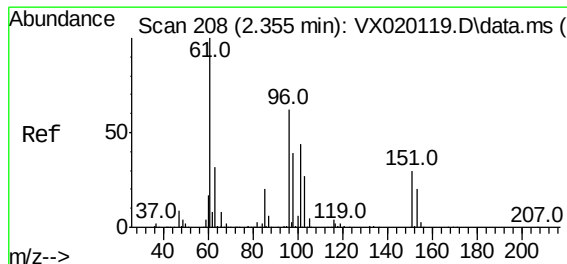
Tgt Ion:168 Resp: 305132
 Ion Ratio Lower Upper
 168 100
 99 57.2 45.8 68.6



209 (-)
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.87 ug/l
 RT: 2.367 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VX020155.D
 Acq: 19 Dec 2020 07:24

Tgt Ion:101 Resp: 8745
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.9 52.3
 151 74.5 61.4 92.2

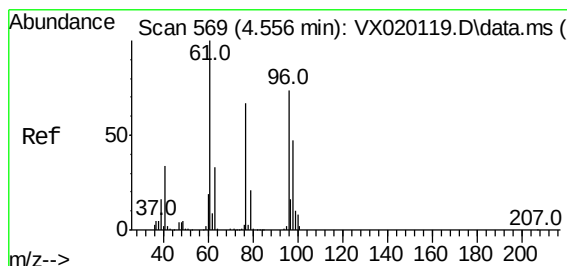
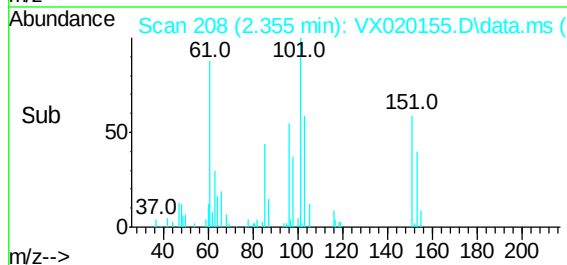
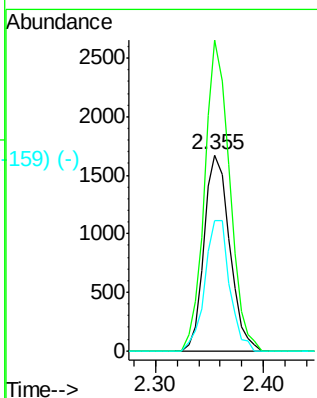
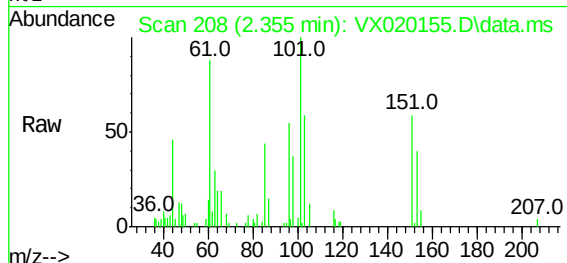




1,1-Dichloroethene
Concen: 0.87 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020155.D
Acq: 19 Dec 2020 07:24

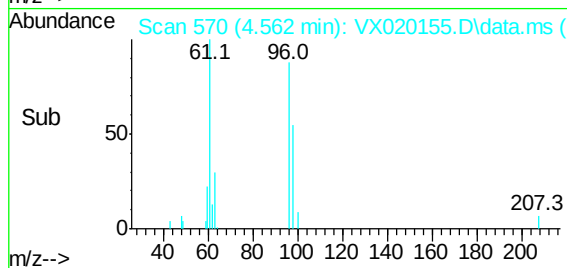
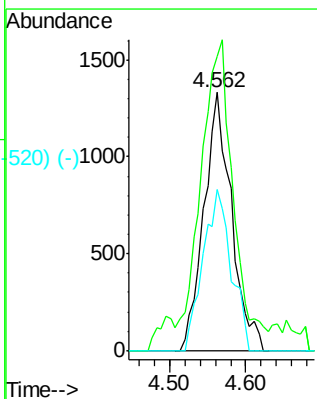
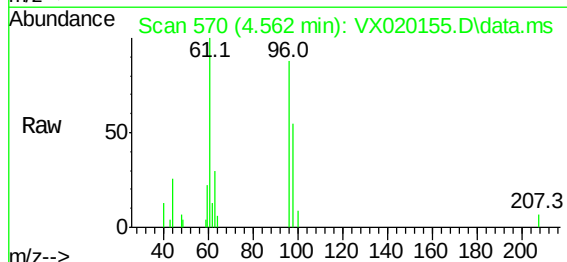
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20201210DL

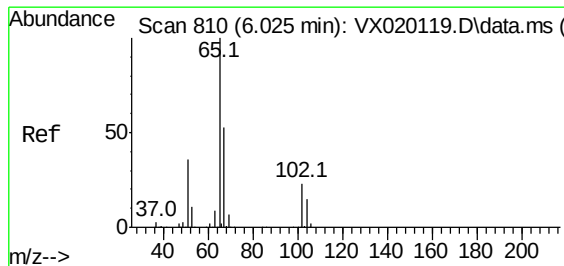
Tgt Ion: 96 Resp: 2703
Ion Ratio Lower Upper
96 100
61 158.6 124.6 187.0
98 66.2 50.6 76.0



cis-1,2-Dichloroethene
Concen: 0.78 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020155.D
Acq: 19 Dec 2020 07:24

Tgt Ion: 96 Resp: 3332
Ion Ratio Lower Upper
96 100
61 129.5 0.0 285.6
98 63.4 0.0 129.6

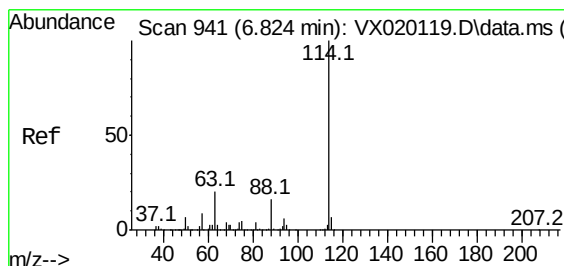
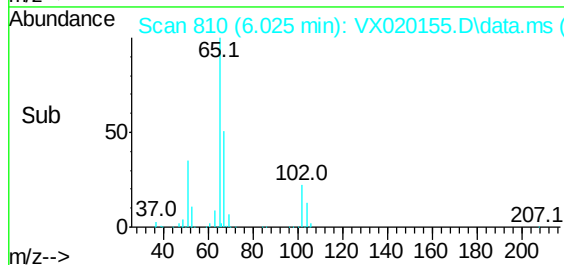
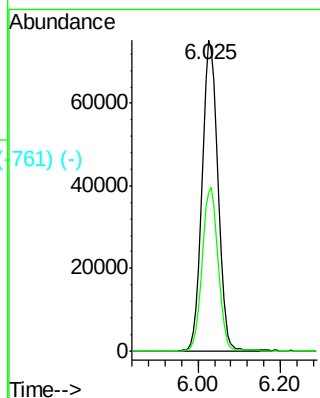
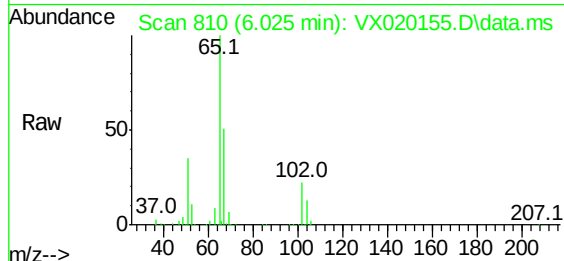




1,2-Dichloroethane-d4
 Concen: 48.33 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VX020155.D
 Acq: 19 Dec 2020 07:24

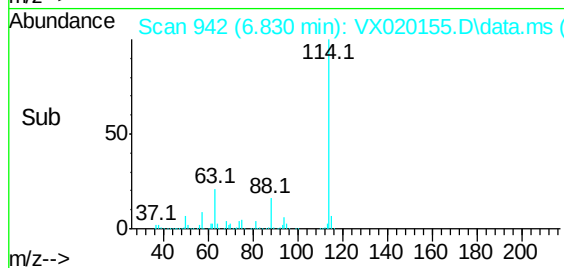
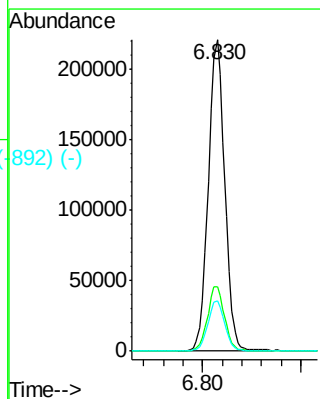
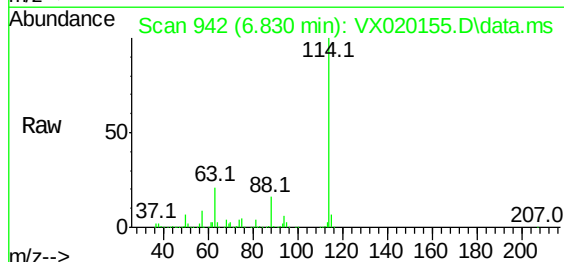
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20201210DL

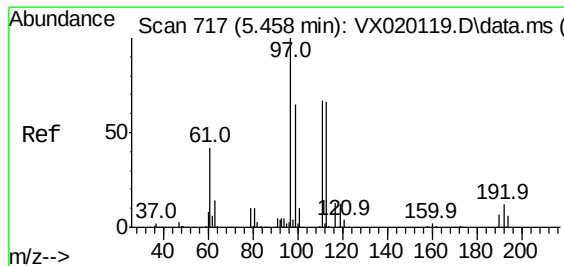
Tgt Ion: 65 Resp: 197693
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020155.D
 Acq: 19 Dec 2020 07:24

Tgt Ion: 114 Resp: 511089
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.0 0.0 32.8

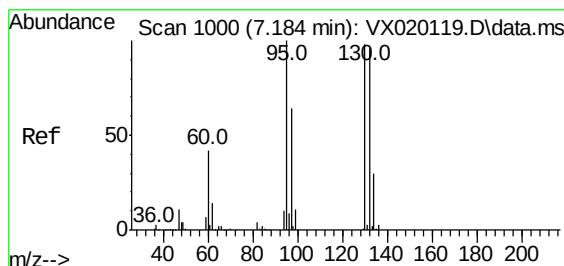
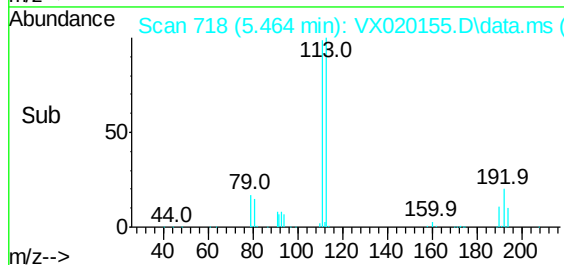
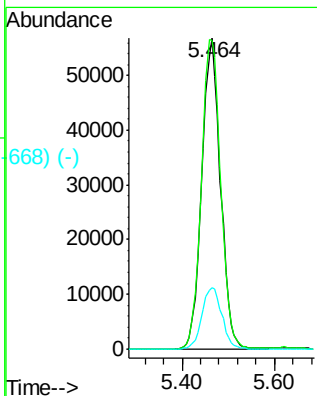
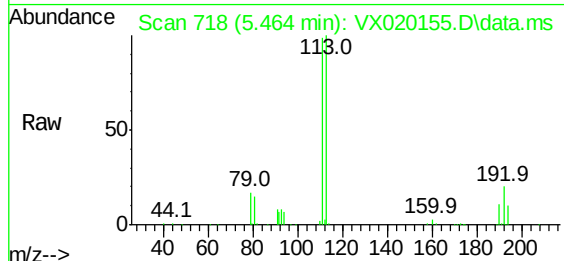




Dibromofluoromethane
Concen: 48.61 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020155.D
Acq: 19 Dec 2020 07:24

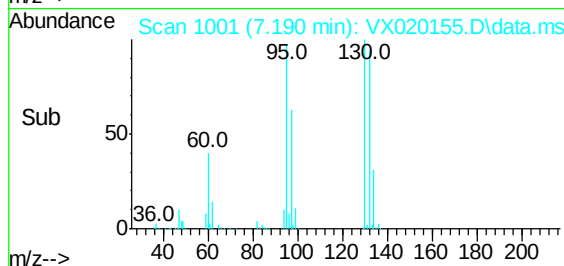
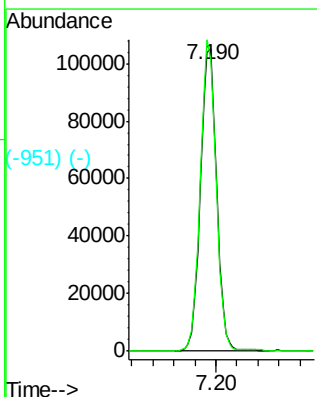
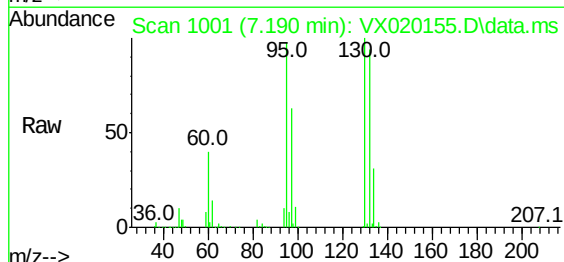
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20201210DL

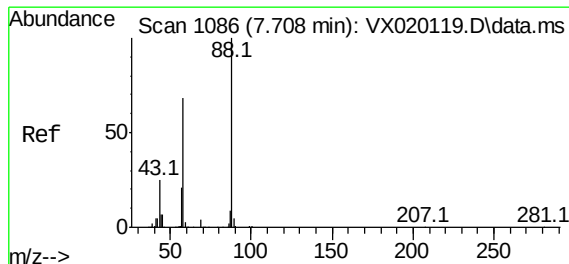
Tgt Ion:113 Resp: 158943
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.8 16.7 25.1



Trichloroethene
Concen: 55.12 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020155.D
Acq: 19 Dec 2020 07:24

Tgt Ion:130 Resp: 224046
Ion Ratio Lower Upper
130 100
95 96.6 0.0 198.0

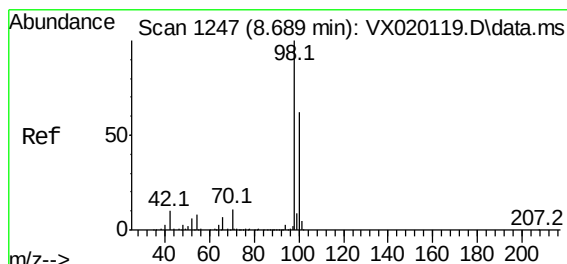
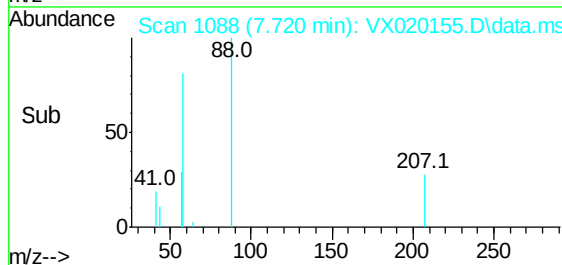
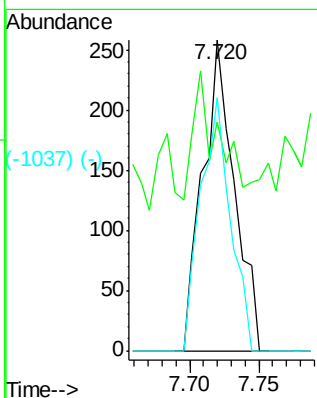
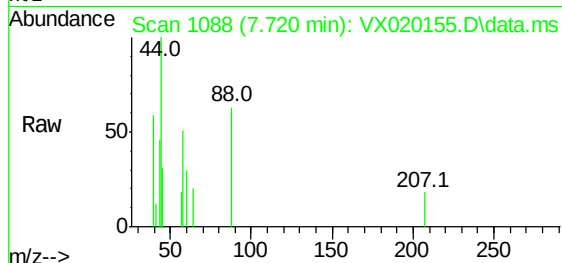




#499 (-)
1,4-Dioxane
Concen: 4.29 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020155.D
Acq: 19 Dec 2020 07:24

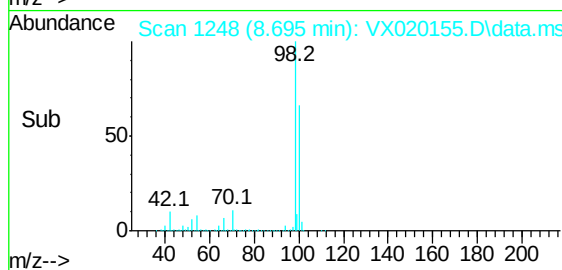
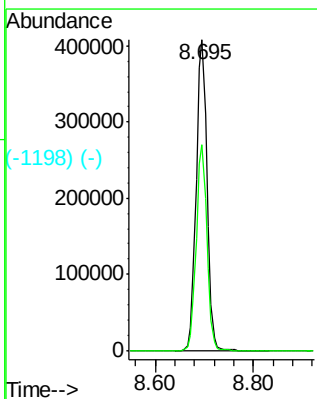
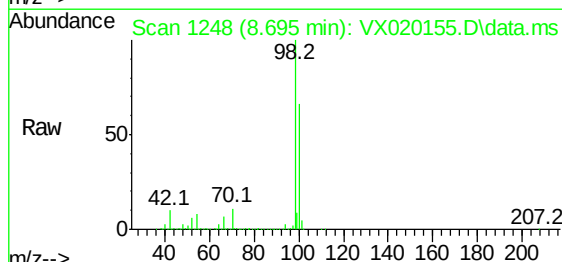
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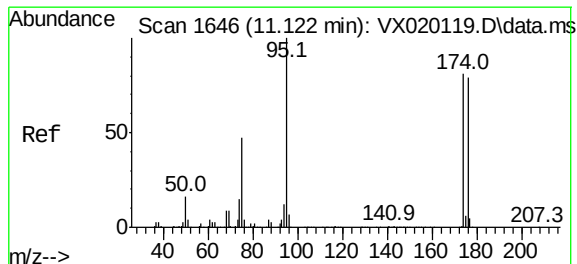
Tgt Ion:	88	Resp:	408
Ion Ratio	Lower	Upper	
88	100		
43	32.6	23.2	34.8
58	77.0	55.0	82.4



#500 (-)
To Luene-d8
Concen: 49.53 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020155.D
Acq: 19 Dec 2020 07:24

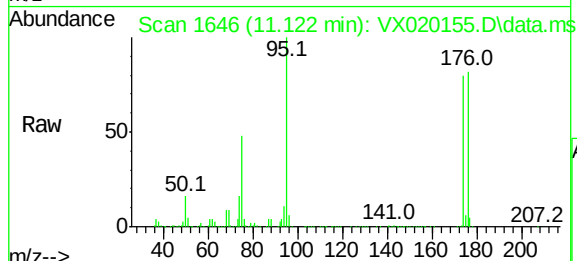
Tgt Ion:	98	Resp:	623277
Ion Ratio	Lower	Upper	
98	100		
100	65.6	51.9	77.9





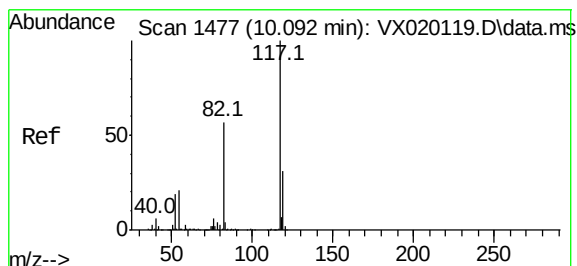
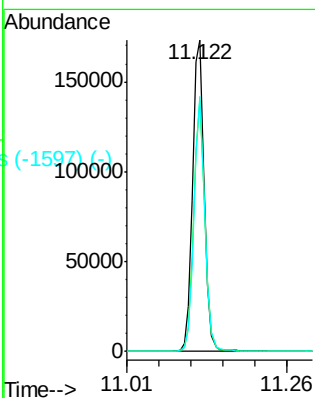
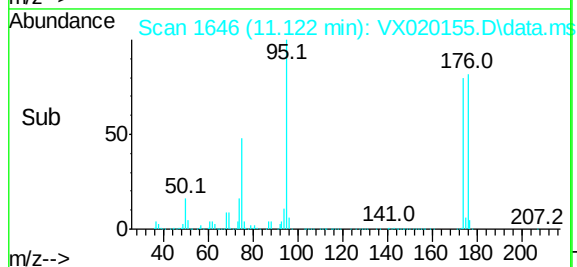
Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 45.38 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020155.D
 Acq: 19 Dec 2020 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20201210DL

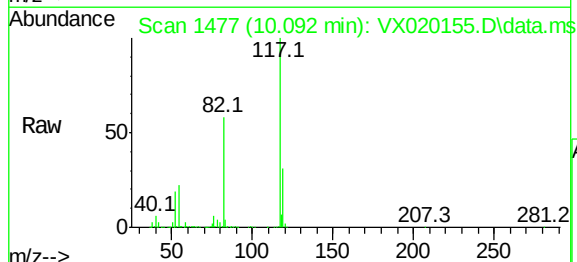


Tgt Ion: 95 Resp: 218557

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	154.6
176	76.6	0.0	155.8

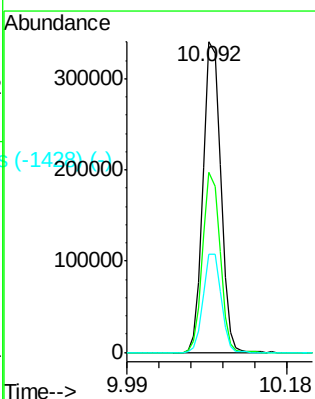
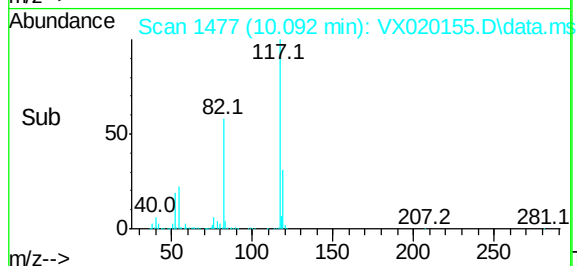


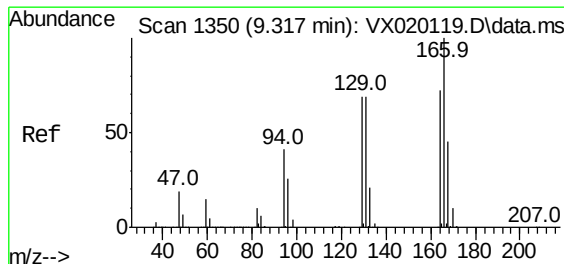
Scan 1477 (10.092 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.092 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VX020155.D
 Acq: 19 Dec 2020 07:24



Tgt Ion: 117 Resp: 470899

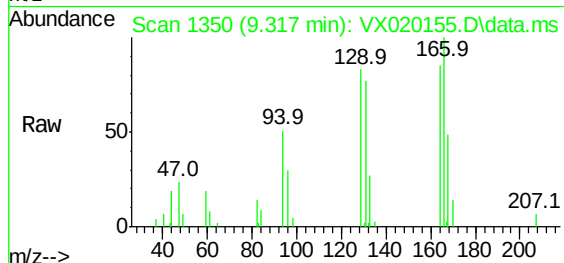
Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.4	71.2
119	31.4	26.6	39.8



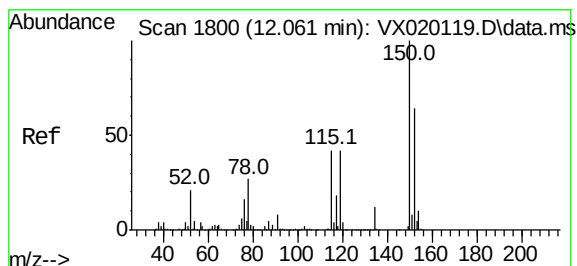
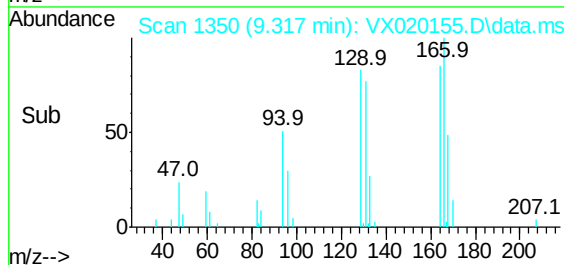
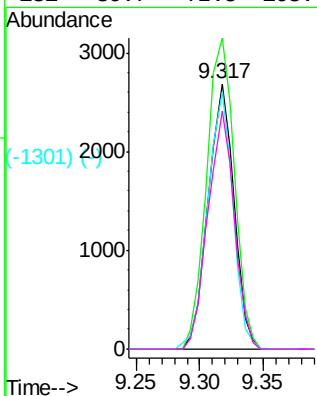


#642 (-)
Tetrachloroethene
Concen: 1.04 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020155.D
Acq: 19 Dec 2020 07:24

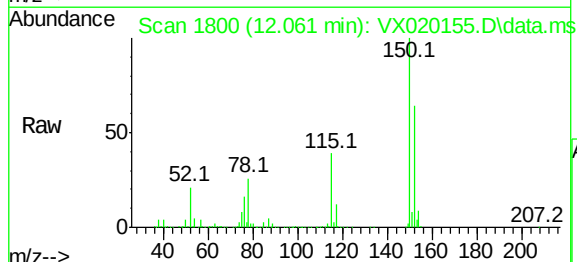
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Tgt Ion:	164	Resp:	3681
Ion Ratio	Lower	Upper	
164	100		
166	117.2	103.4	155.2
129	97.0	70.8	106.2
131	89.7	72.5	108.7



#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020155.D
Acq: 19 Dec 2020 07:24



Tgt Ion:	152	Resp:	207257
Ion Ratio	Lower	Upper	
152	100		
115	59.6	41.1	123.3
150	156.7	0.0	349.0

