

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020347.D
 Acq On : 23 Dec 2020 18:38
 Operator : JC/MD
 Sample : L5124-03DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20201211DL

Quant Time: Dec 24 00:20:33 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)

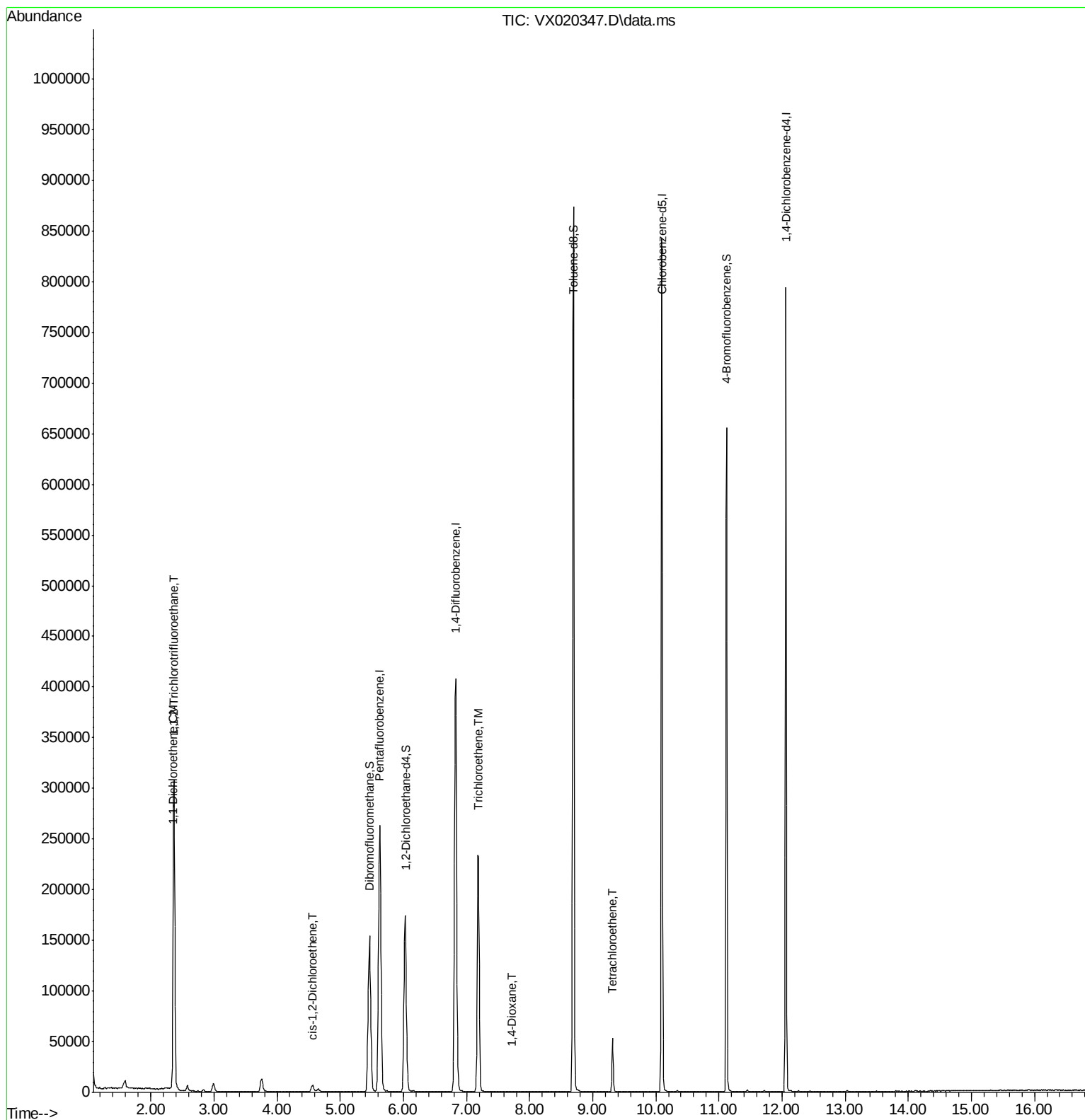
Internal Standards						
1) Pentafluorobenzene	5.629	168	245649	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	416596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	395974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	161288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	167218	50.78	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.56%			
35) Dibromofluoromethane	5.464	113	135016	50.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.32%			
50) Toluene-d8	8.696	98	509617	49.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.36%			
62) 4-Bromofluorobenzene	11.122	95	180717	46.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.06%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.367	101	125538	51.19	ug/l	98
12) 1,1-Dichloroethene	2.355	96	1484	0.59	ug/l	88
27) cis-1,2-Dichloroethene	4.562	96	4607	1.34	ug/l	87
44) Trichloroethene	7.184	130	92393	27.89	ug/l	99
49) 1,4-Dioxane	7.720	88	467	6.03	ug/l #	87
64) Tetrachloroethene	9.317	164	10763	3.61	ug/l	93

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

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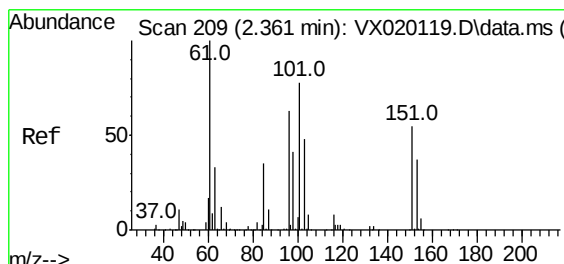
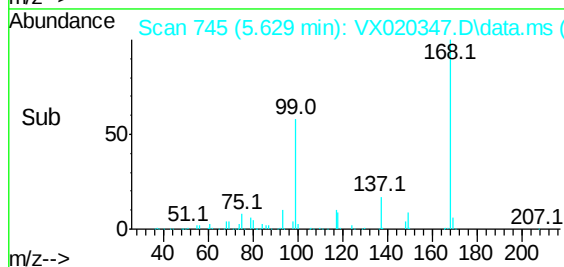
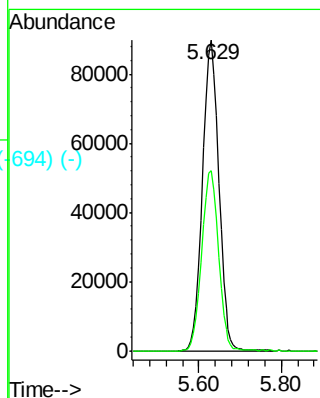
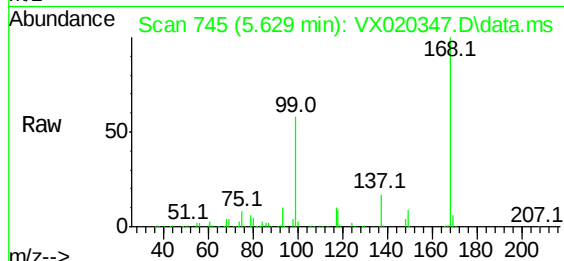




Scan 743 (5.617 min): VX020119.D\data.ms (-750) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020347.D
 Acq: 23 Dec 2020 18:38

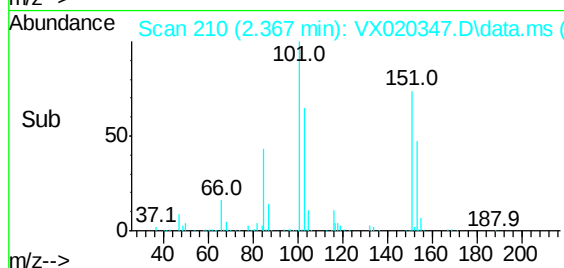
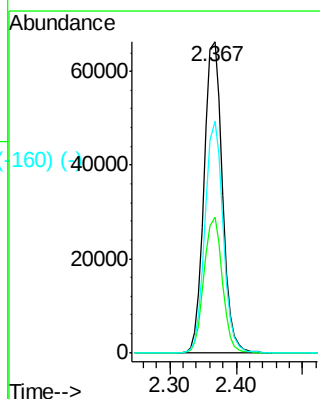
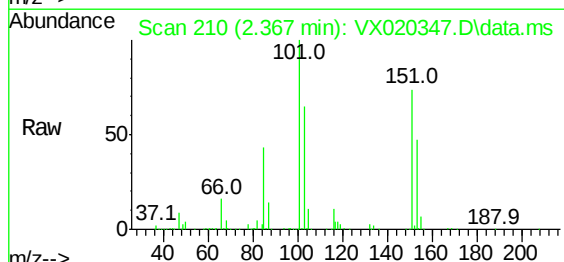
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20201211DL

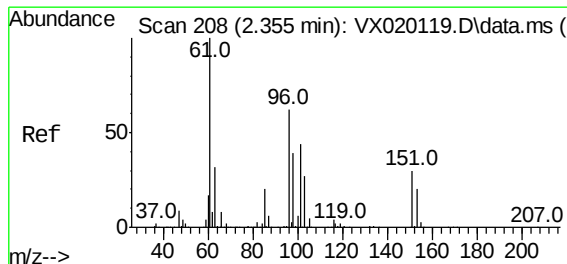
Tgt Ion:168 Resp: 245649
 Ion Ratio Lower Upper
 168 100
 99 58.0 45.8 68.6



Scan 209 (2.361 min): VX020119.D\data.ms (-209) (-)
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.19 ug/l
 RT: 2.367 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VX020347.D
 Acq: 23 Dec 2020 18:38

Tgt Ion:101 Resp: 125538
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.9 52.3
 151 73.7 61.4 92.2

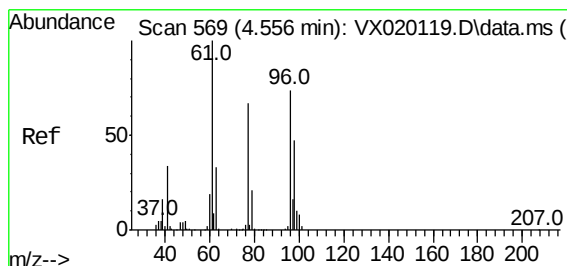
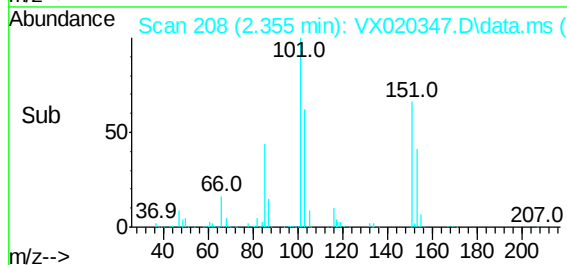
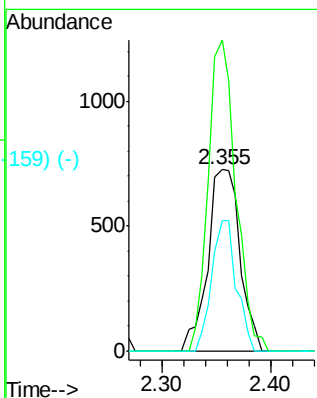
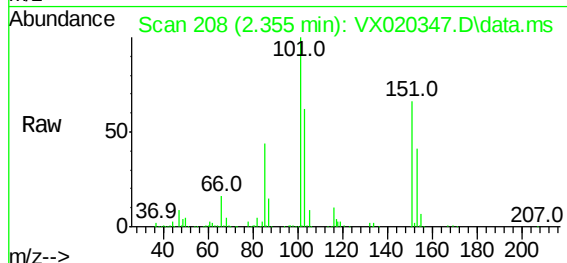




1,1-Dichloroethene
Concen: 0.59 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

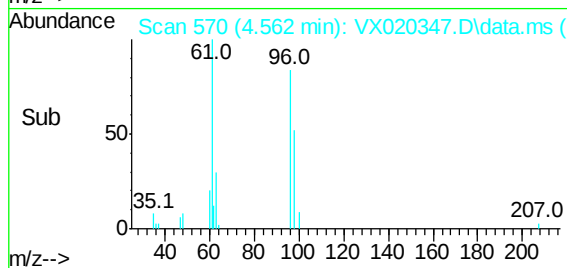
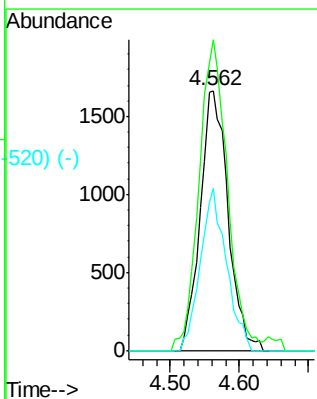
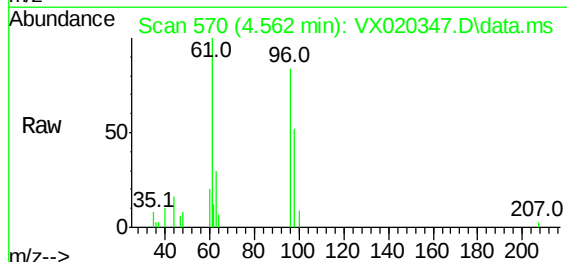
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20201211DL

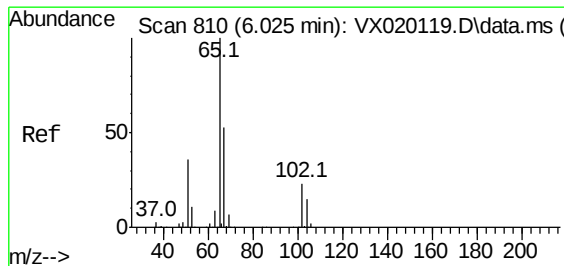
Tgt Ion:	96	Resp:	1484
Ion	Ratio	Lower	Upper
96	100		
61	171.3	124.6	187.0
98	71.9	50.6	76.0



cis-1,2-Dichloroethene
Concen: 1.34 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Tgt Ion:	96	Resp:	4607
Ion	Ratio	Lower	Upper
96	100		
61	123.1	0.0	285.6
98	58.7	0.0	129.6



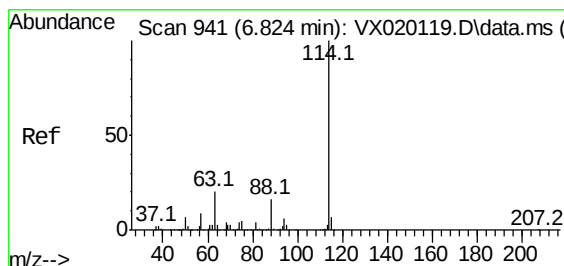
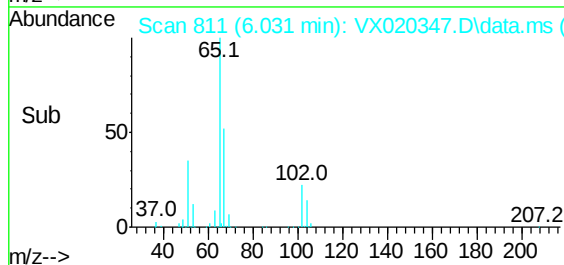
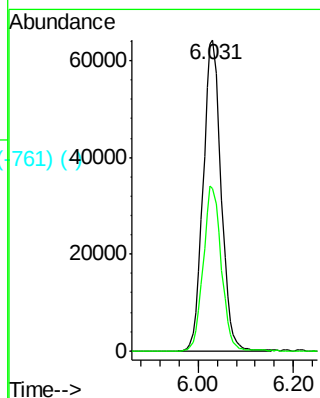
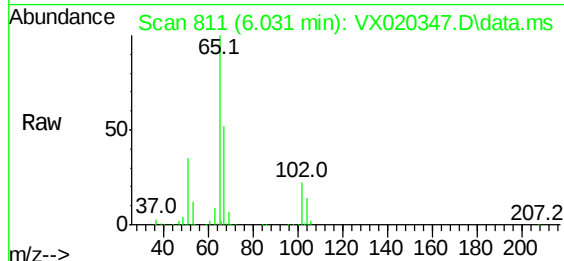


Scan 810 (6.025 min): VX020119.D\data.ms (-753) (-)
 1,2-Dichloroethane-d4
 Concen: 50.78 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020347.D
 Acq: 23 Dec 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20201211DL

Tgt Ion: 65 Resp: 167218

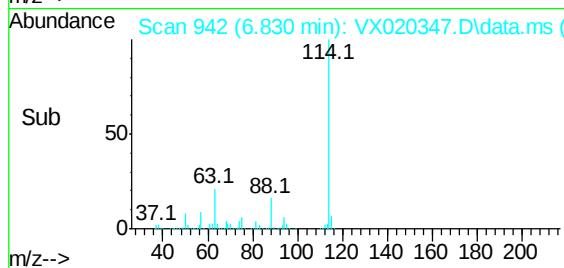
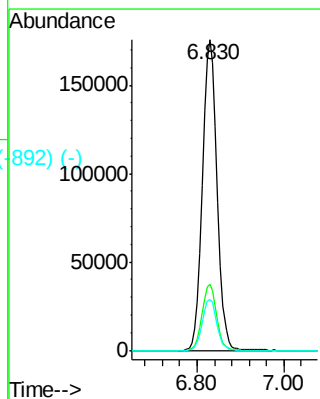
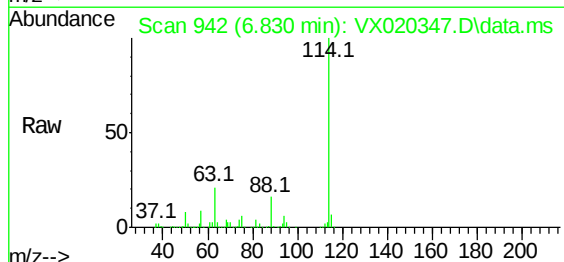
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4

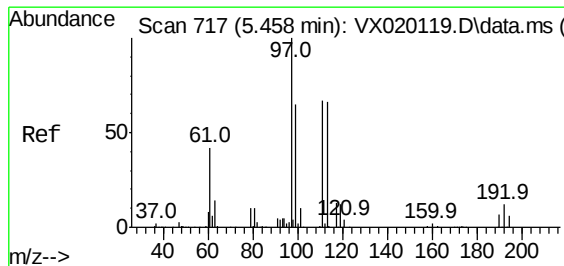


Scan 941 (6.824 min): VX020119.D\data.ms (-954) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020347.D
 Acq: 23 Dec 2020 18:38

Tgt Ion:114 Resp: 416596

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	16.2	0.0	32.8

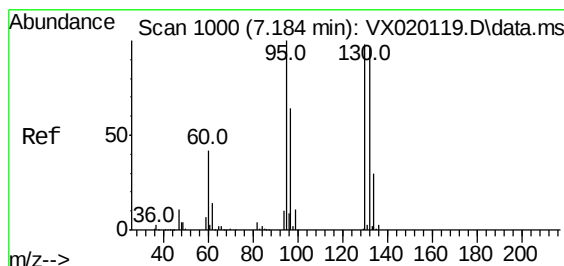
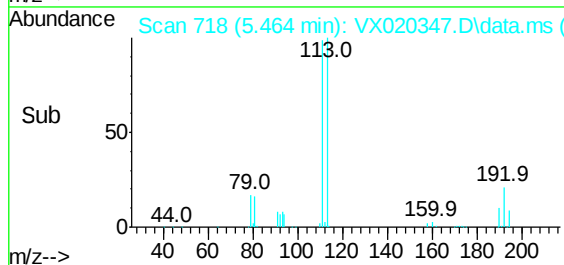
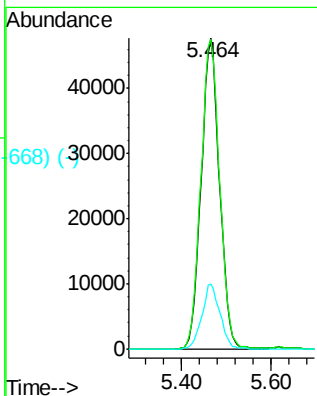
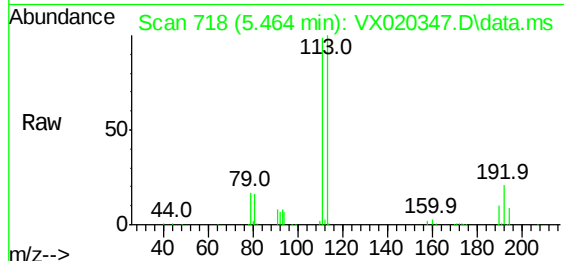




Dibromofluoromethane
Concen: 50.66 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

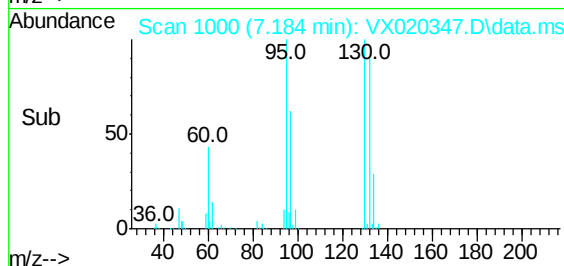
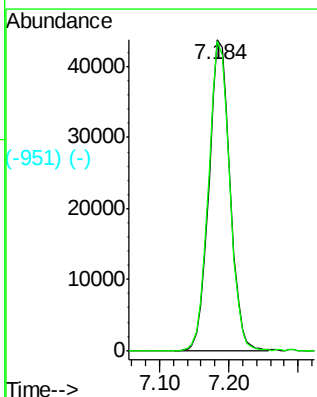
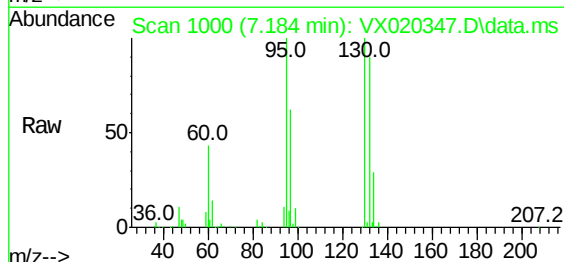
Instrument :
MSVOA_X
ClientSampleId :
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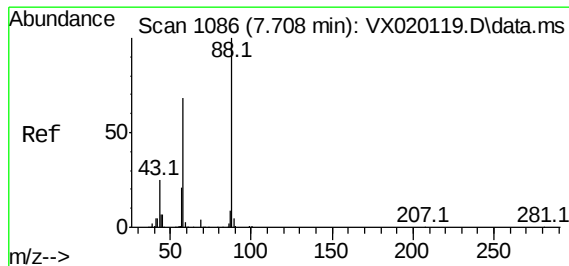
Tgt Ion:113 Resp: 135016
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.3 16.7 25.1



Trichloroethene
Concen: 27.89 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Tgt Ion:130 Resp: 92393
Ion Ratio Lower Upper
130 100
95 99.7 0.0 198.0

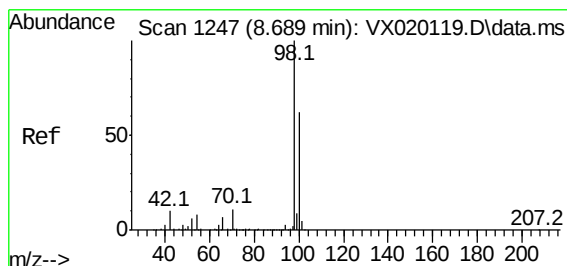
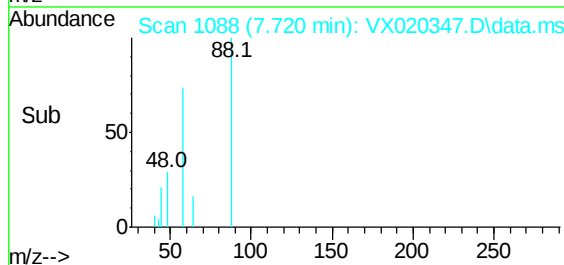
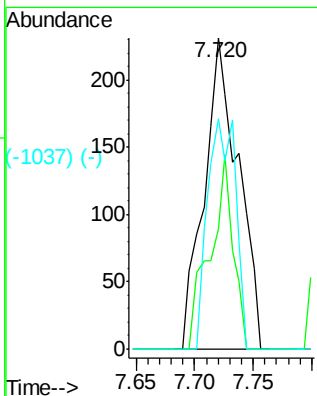
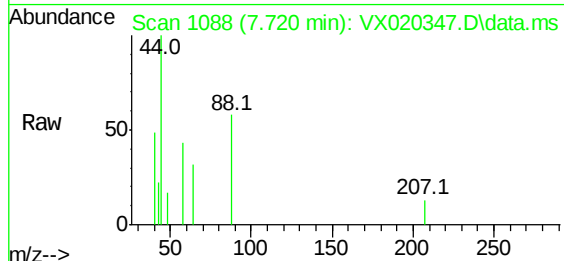




1,4-Dioxane
Concen: 6.03 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

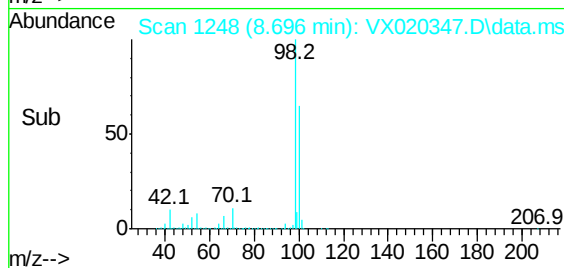
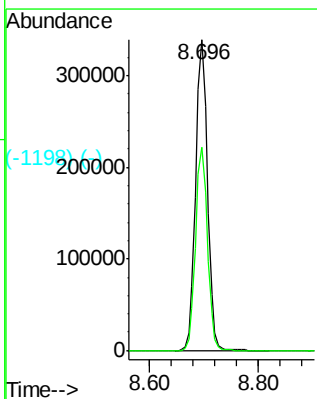
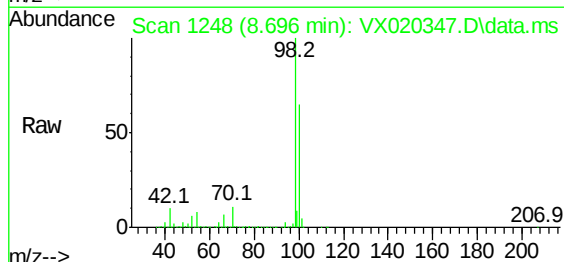
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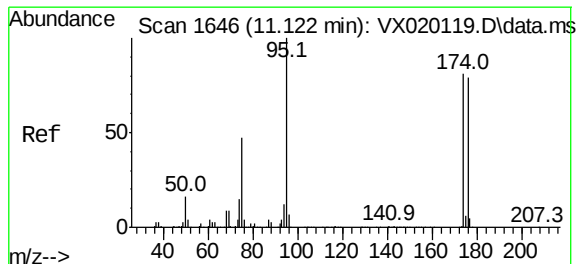
Tgt Ion: 88 Resp: 467
Ion Ratio Lower Upper
88 100
43 42.6 23.2 34.8#
58 61.9 55.0 82.4



Toluene-d8
Concen: 49.68 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Tgt Ion: 98 Resp: 509617
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

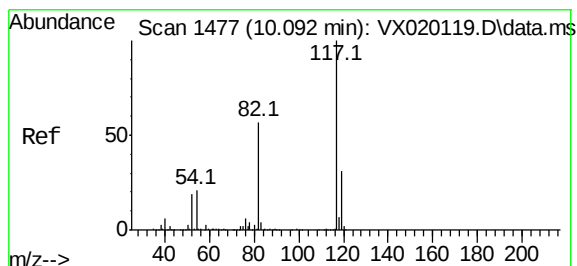
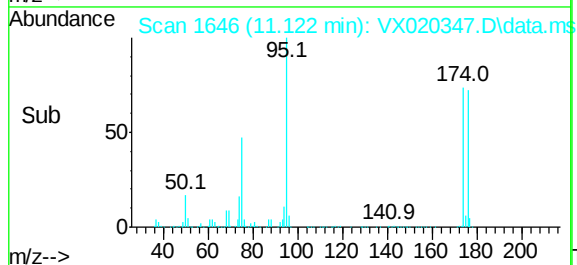
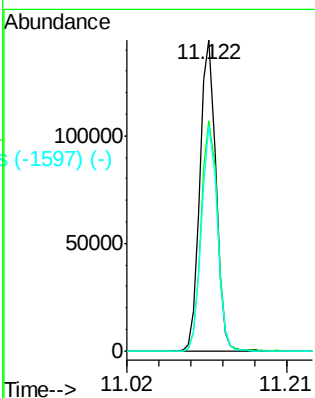
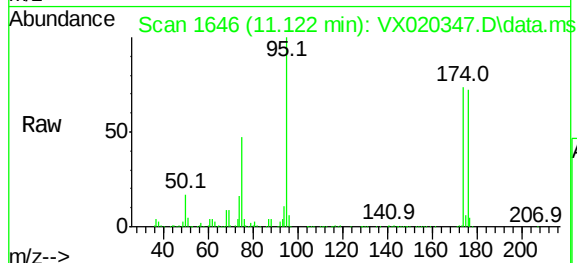




#639 (-)
4-Bromofluorobenzene
Concen: 46.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

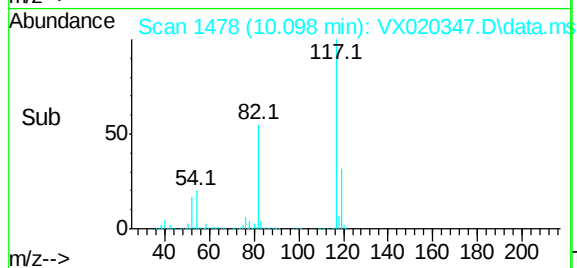
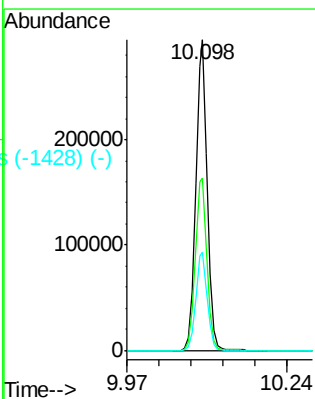
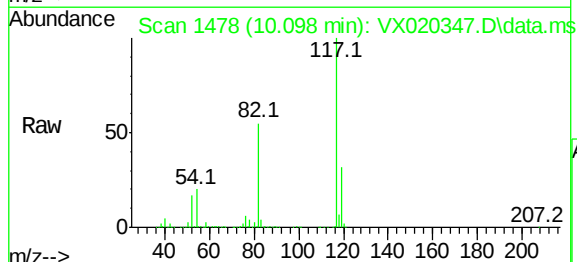
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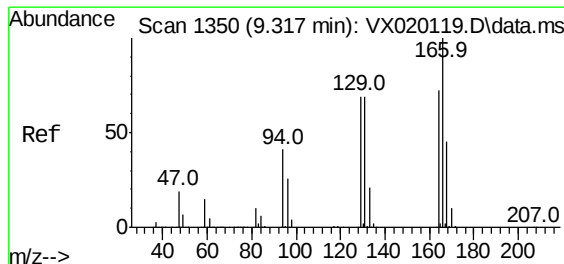
Tgt Ion:	95	Resp:	180717
Ion Ratio	Lower	Upper	
95	100		
174	75.9	0.0	154.6
176	71.6	0.0	155.8



#647 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Tgt Ion:	117	Resp:	395974
Ion Ratio	Lower	Upper	
117	100		
82	55.4	47.4	71.2
119	31.7	26.6	39.8

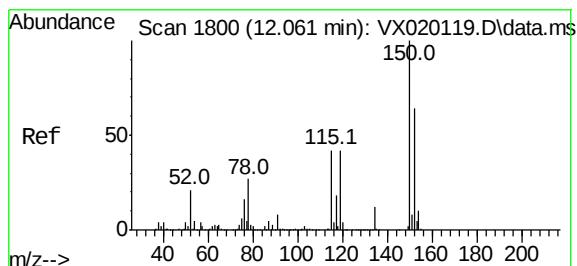
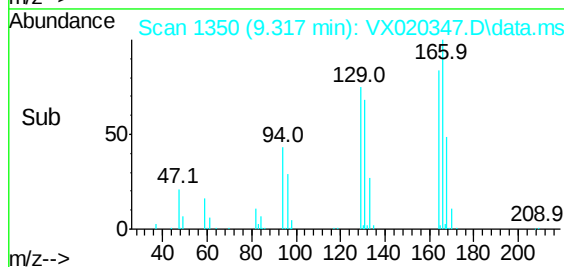
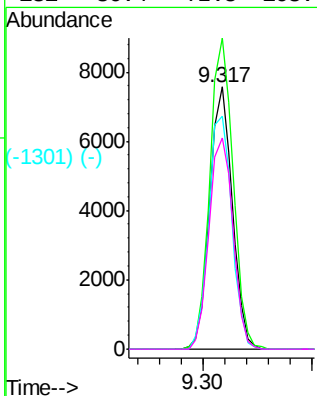
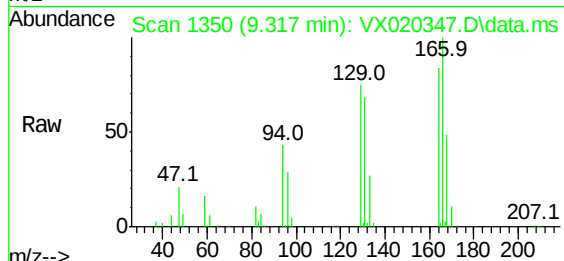




Tetrachloroethene
Concen: 3.61 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Instrument :
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Tgt Ion:	164	Resp:	10763
Ion Ratio	Lower	Upper	
164	100		
166	118.8	103.4	155.2
129	89.0	70.8	106.2
131	80.4	72.5	108.7



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020347.D
Acq: 23 Dec 2020 18:38

Tgt Ion:	152	Resp:	161288
Ion Ratio	Lower	Upper	
152	100		
115	60.8	41.1	123.3
150	156.8	0.0	349.0

