

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033021\
 Data File : VD068727.D
 Acq On : 30 Mar 2021 16:26
 Operator : VA/SY
 Sample : M1872-01
 Misc : 7.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-GIS

Quant Time: Mar 31 01:01:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

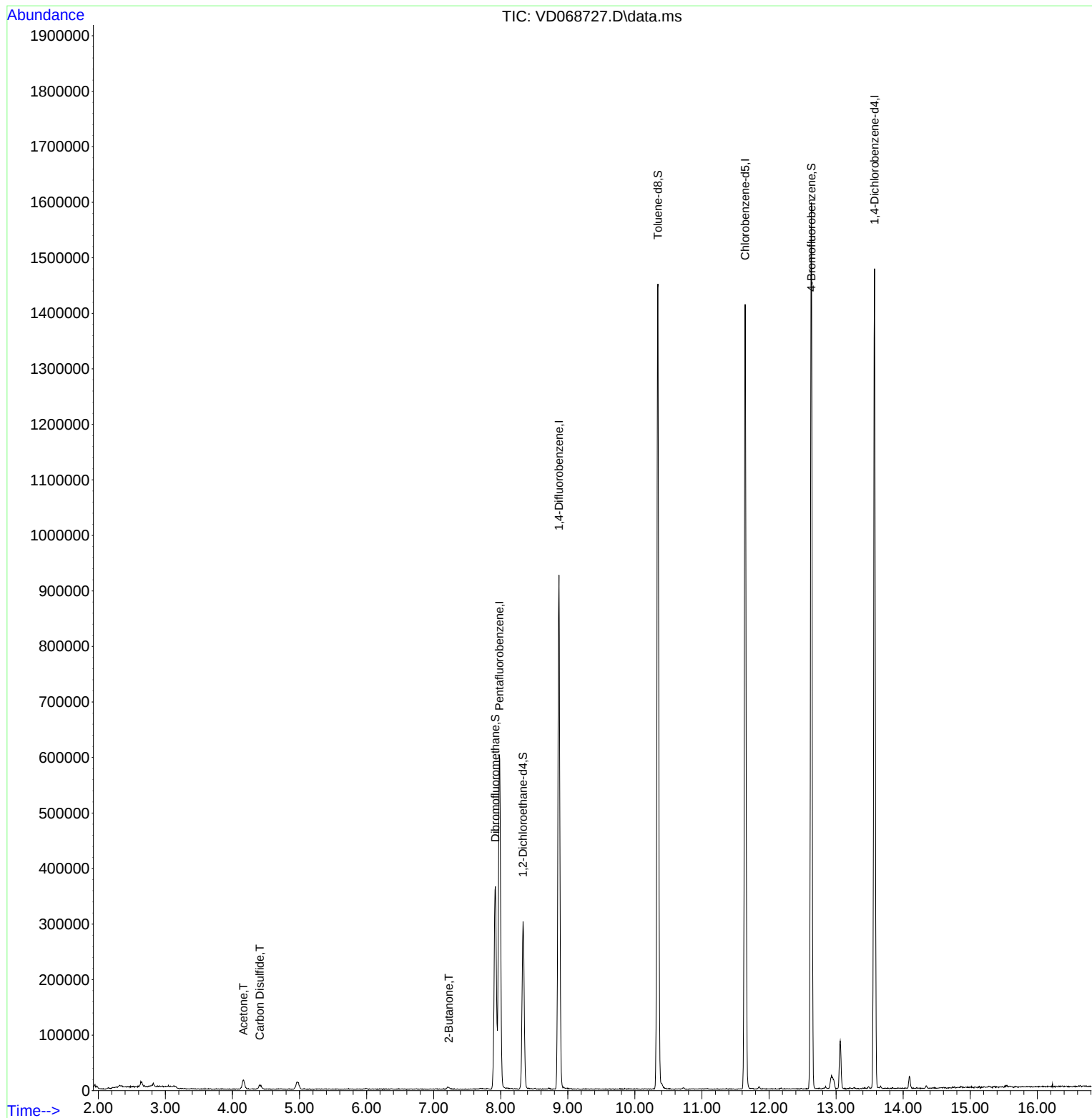
Internal Standards						
1) Pentafluorobenzene	7.979	168	475605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	844632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	864659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	409840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	239852	50.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.02%	
35) Dibromofluoromethane	7.920	113	264239	50.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.56%	
50) Toluene-d8	10.344	98	1037295	51.20	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.40%	
62) 4-Bromofluorobenzene	12.632	95	385430	58.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.34%	
Target Compounds						
						Qvalue
16) Acetone	4.162	43	27981	48.09	ug/l #	84
17) Carbon Disulfide	4.409	76	17621	1.46	ug/l #	85
25) 2-Butanone	7.226	43	6035	6.26	ug/l #	86

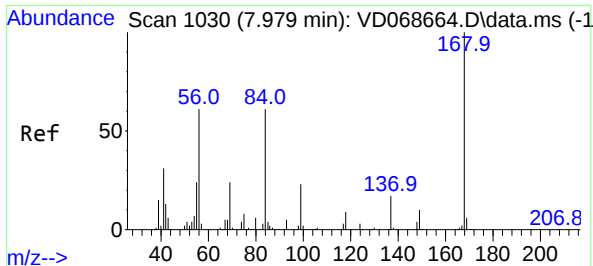
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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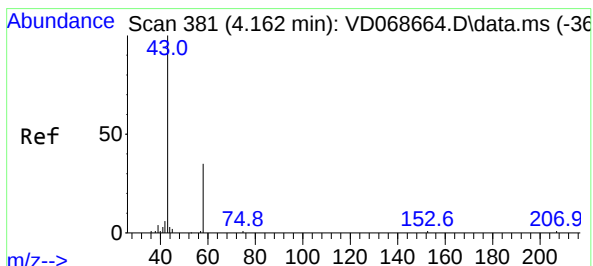
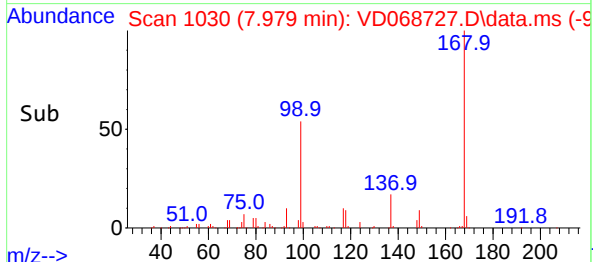
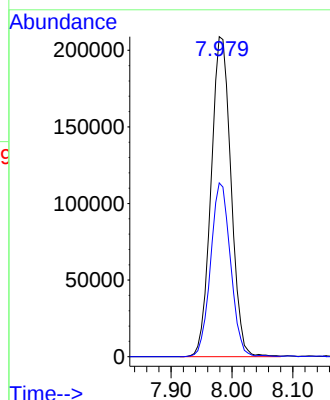
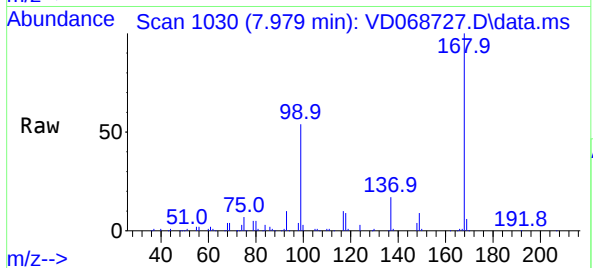




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

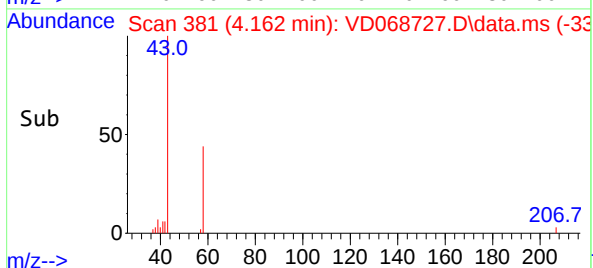
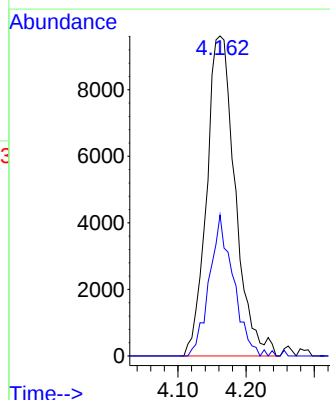
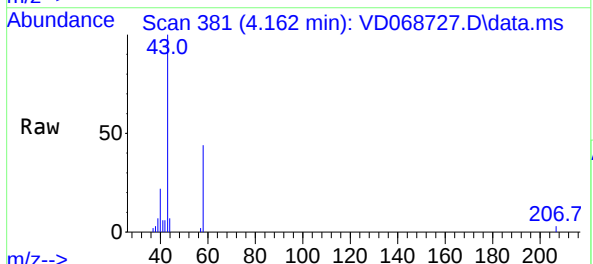
Instrument :
MSVOA_D
ClientSampleId :
SP-GIS

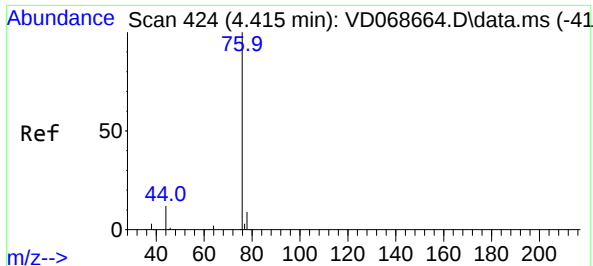
Tgt Ion:168 Resp: 475605
Ion Ratio Lower Upper
168 100
99 54.3 46.2 69.2



#16
Acetone
Concen: 48.09 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

Tgt Ion: 43 Resp: 27981
Ion Ratio Lower Upper
43 100
58 44.1 28.0 42.0#

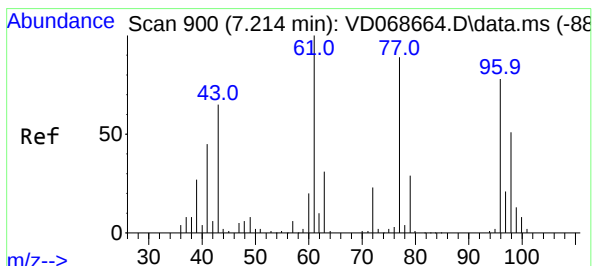
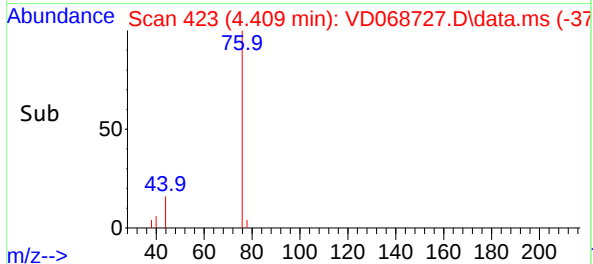
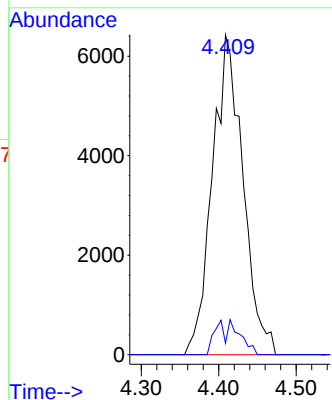
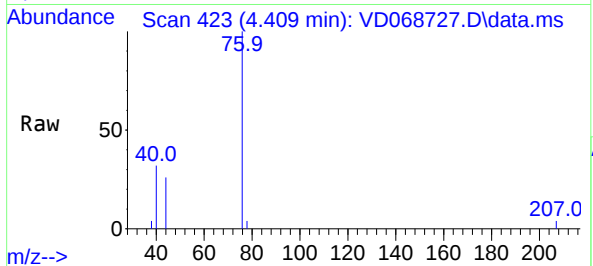




#17
Carbon Disulfide
Concen: 1.46 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

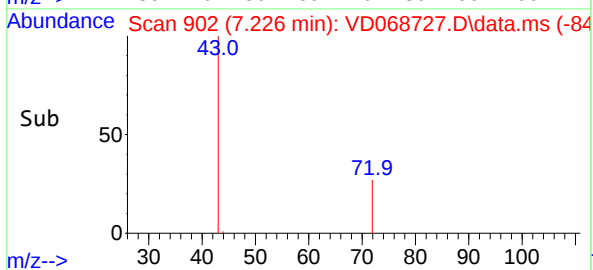
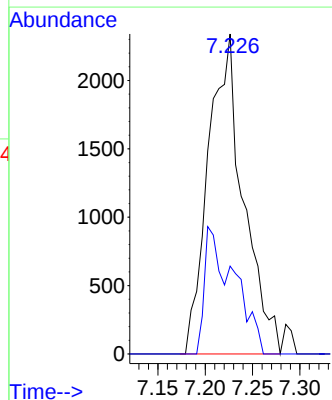
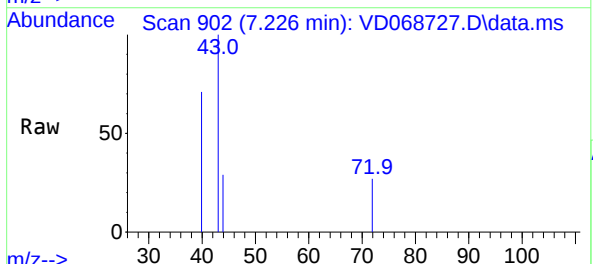
Instrument :
MSVOA_D
ClientSampleId :
SP-GIS

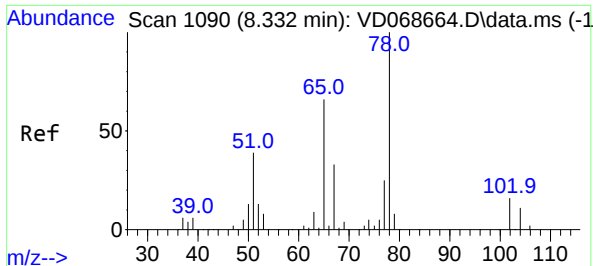
Tgt Ion: 76 Resp: 17621
Ion Ratio Lower Upper
76 100
78 3.6 7.3 10.9#



#25
2-Butanone
Concen: 6.26 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.012 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

Tgt Ion: 43 Resp: 6035
Ion Ratio Lower Upper
43 100
72 27.5 28.6 43.0#

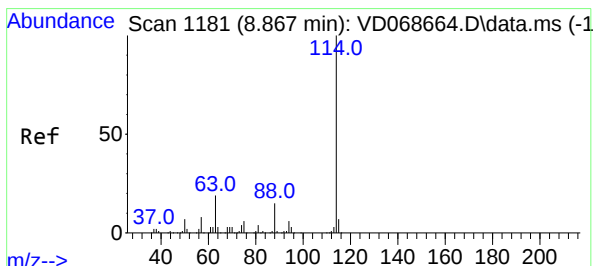
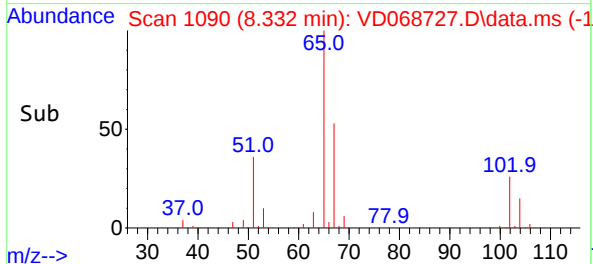
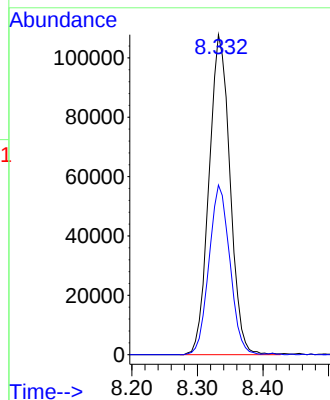
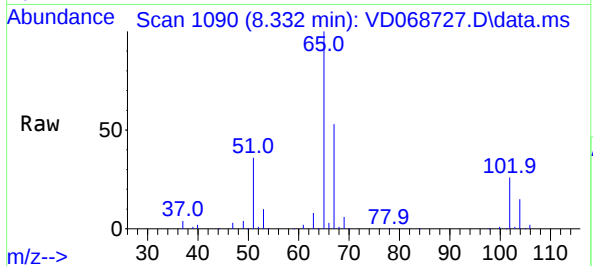




#33
1,2-Dichloroethane-d4
Concen: 50.01 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

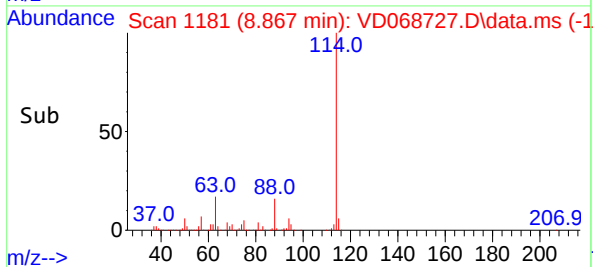
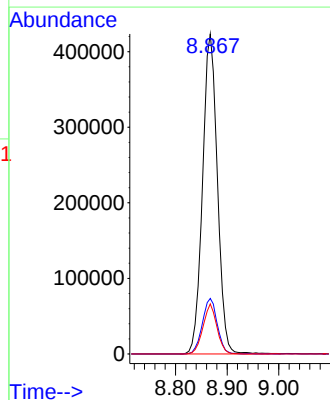
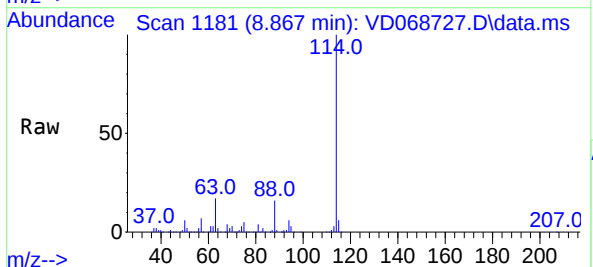
Instrument :
MSVOA_D
ClientSampled :
SP-GIS

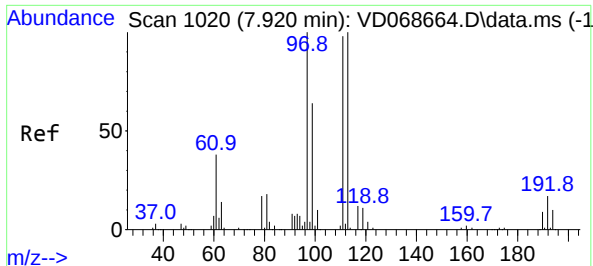
Tgt Ion: 65 Resp: 239852
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

Tgt Ion: 114 Resp: 844632
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 15.7 0.0 29.4

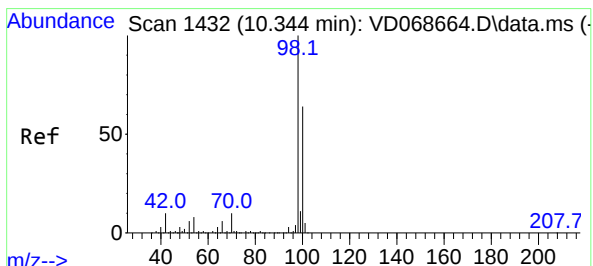
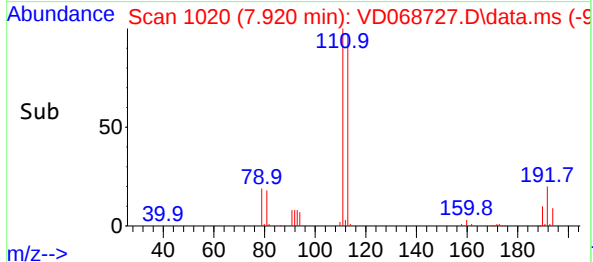
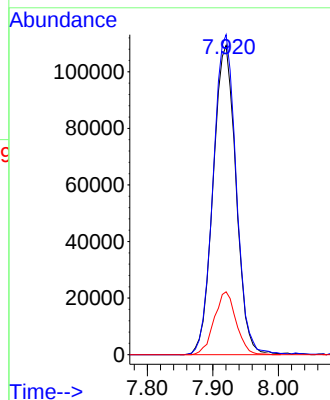
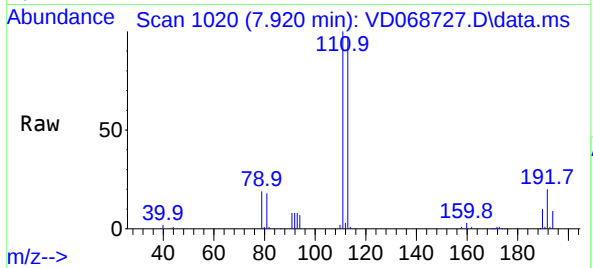




#35
Dibromofluoromethane
Concen: 50.28 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

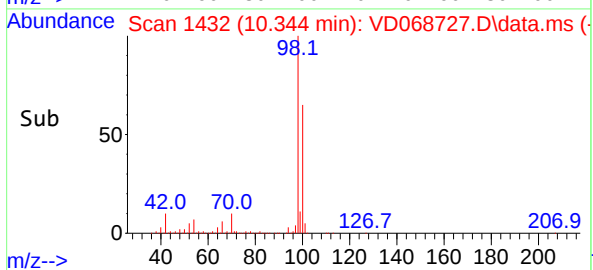
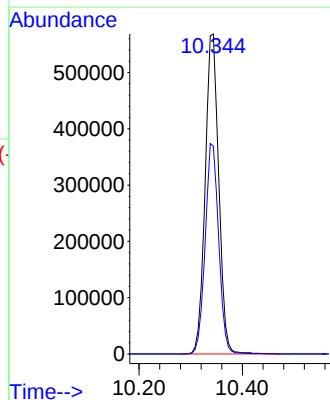
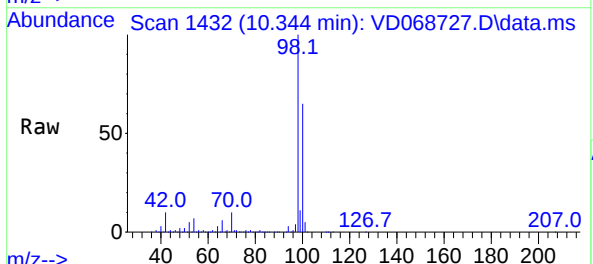
Instrument :
MSVOA_D
ClientSampled :
SP-GIS

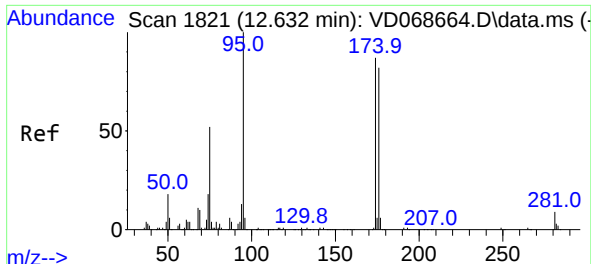
Tgt Ion:113 Resp: 264239
Ion Ratio Lower Upper
113 100
111 104.0 82.5 123.7
192 19.5 15.1 22.7



#50
Toluene-d8
Concen: 51.20 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

Tgt Ion: 98 Resp: 1037295
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

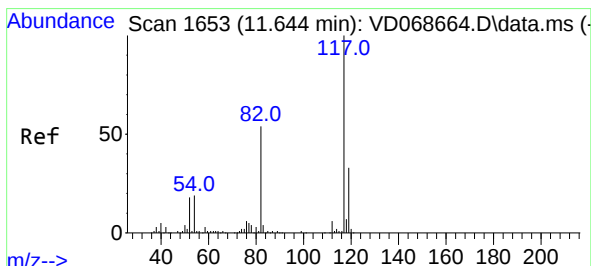
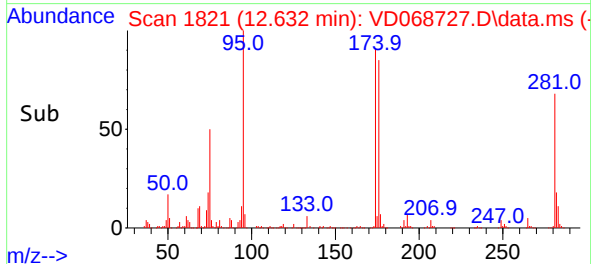
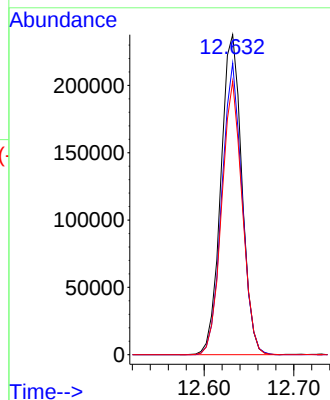
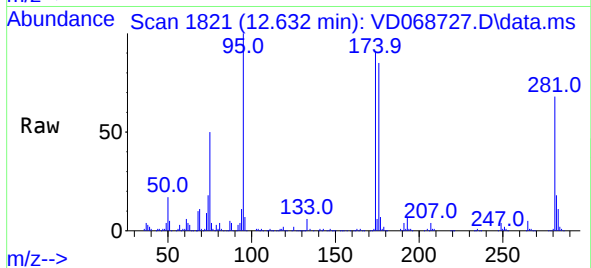




#62
4-Bromofluorobenzene
Concen: 58.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

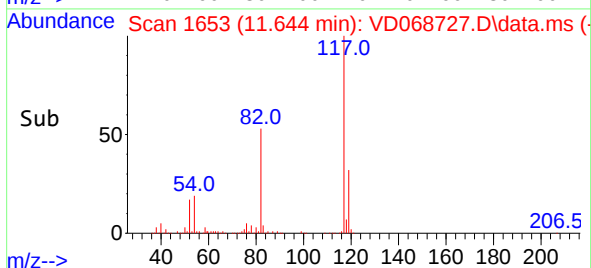
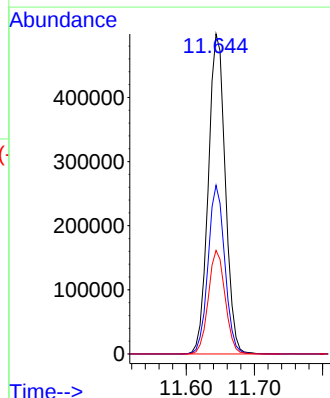
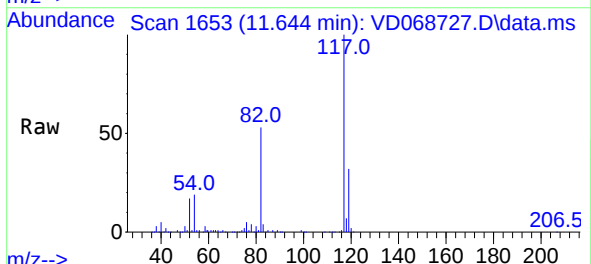
Instrument :
MSVOA_D
ClientSampleId :
SP-GIS

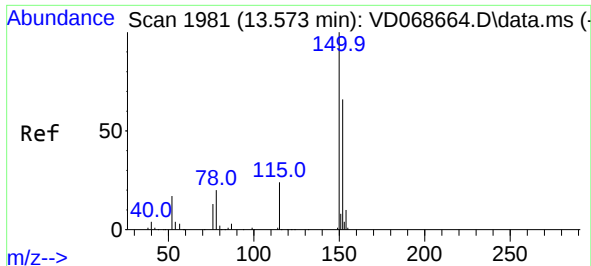
Tgt Ion: 95 Resp: 385430
Ion Ratio Lower Upper
95 100
174 87.6 0.0 168.0
176 83.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

Tgt Ion:117 Resp: 864659
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 32.4 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068727.D
 Acq: 30 Mar 2021 16:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-GIS

Tgt Ion:152 Resp: 409840

Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.3	87.8
150	157.9	0.0	347.6

