

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068820.D
 Acq On : 09 Apr 2021 19:08
 Operator : VA/SY
 Sample : M1998-03
 Misc : 3.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3C

Quant Time: Apr 10 00:45:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

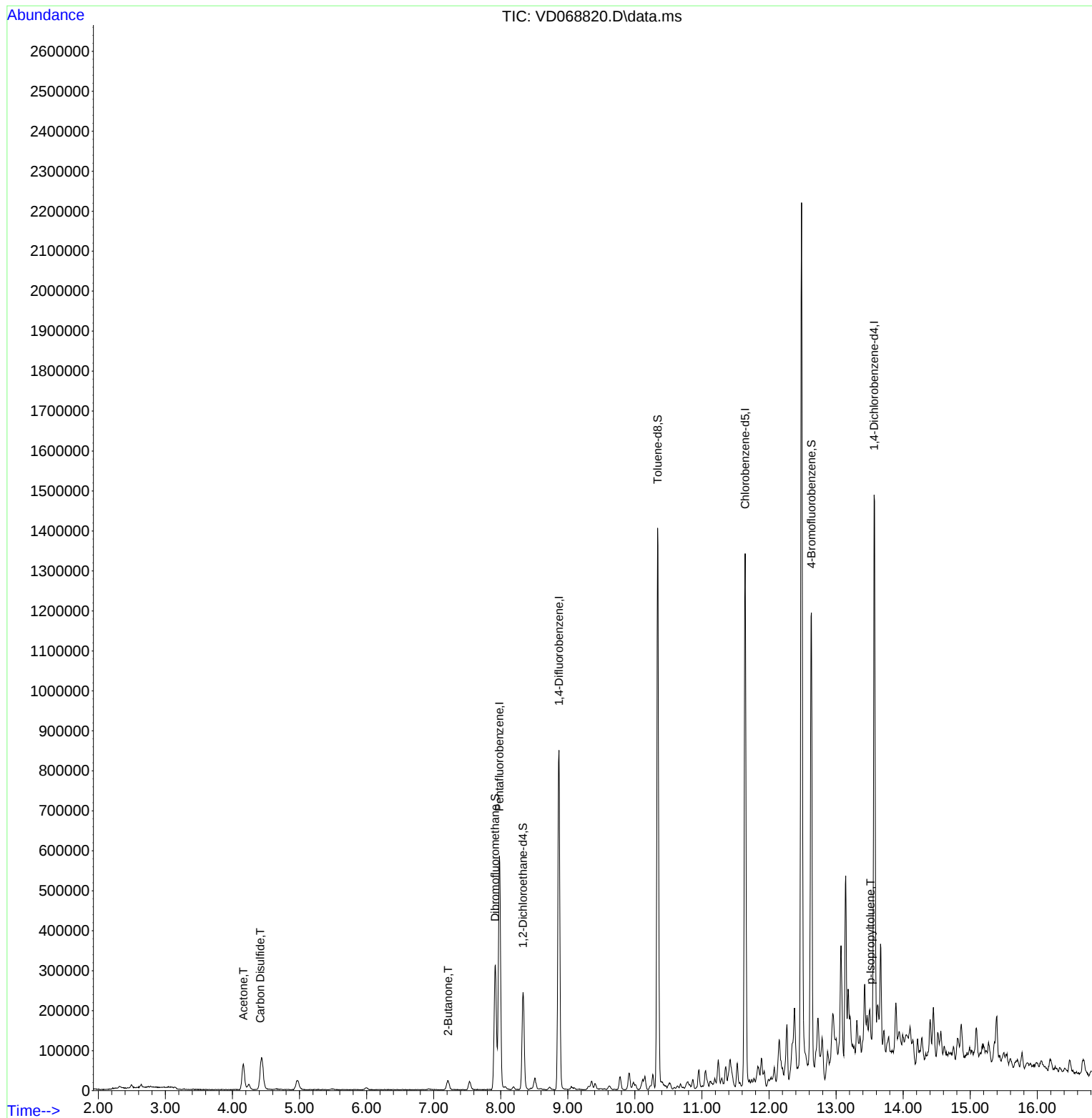
Internal Standards						
1) Pentafluorobenzene	7.979	168	458003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	789338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	824897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	395613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	198517	41.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.02%
35) Dibromofluoromethane	7.914	113	232047	45.20	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.40%
50) Toluene-d8	10.338	98	965083	49.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.66%
62) 4-Bromofluorobenzene	12.632	95	382775	59.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.02%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	108452	161.80	ug/l	94
17) Carbon Disulfide	4.415	76	30740	2.07	ug/l #	90
25) 2-Butanone	7.214	43	27396	28.88	ug/l	91
86) p-Isopropyltoluene	13.514	119	28836	1.09	ug/l #	86

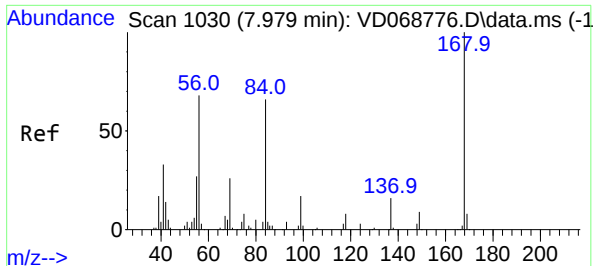
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

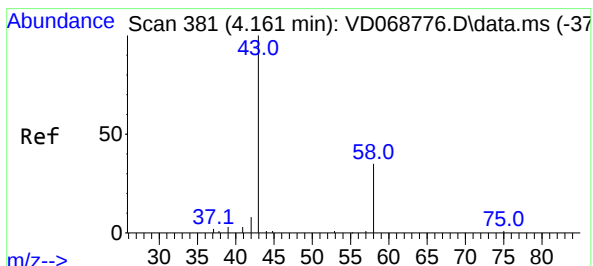
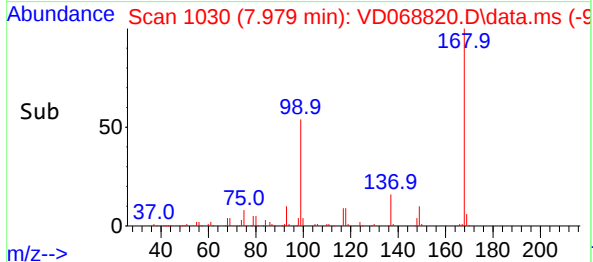
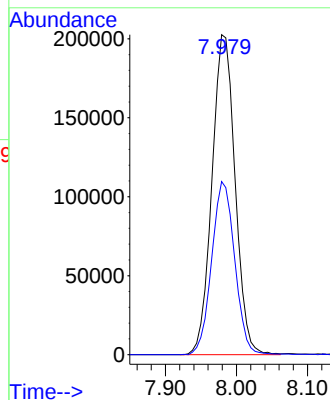
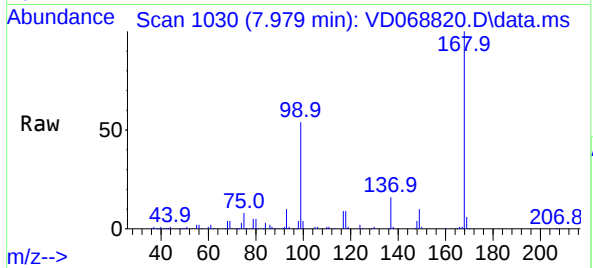




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

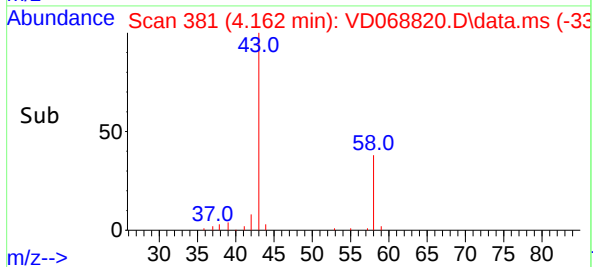
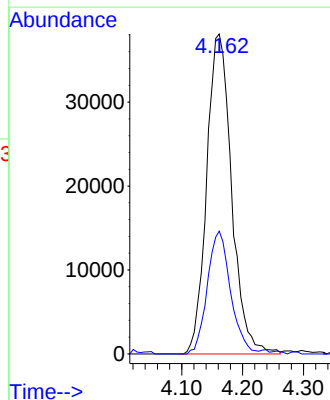
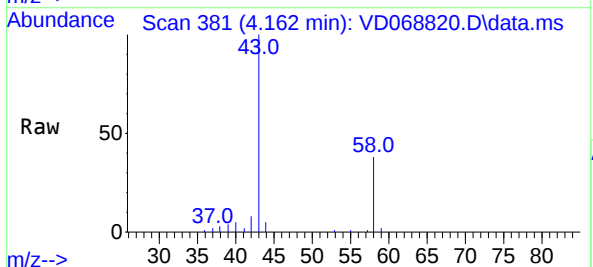
Instrument :
MSVOA_D
ClientSampleId :
SB-3C

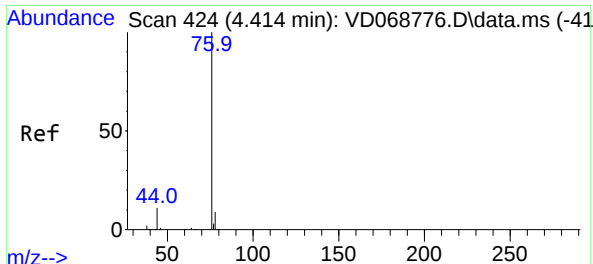
Tgt Ion:168 Resp: 458003
Ion Ratio Lower Upper
168 100
99 54.1 46.2 69.2



#16
Acetone
Concen: 161.80 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

Tgt Ion: 43 Resp: 108452
Ion Ratio Lower Upper
43 100
58 38.4 28.0 42.0

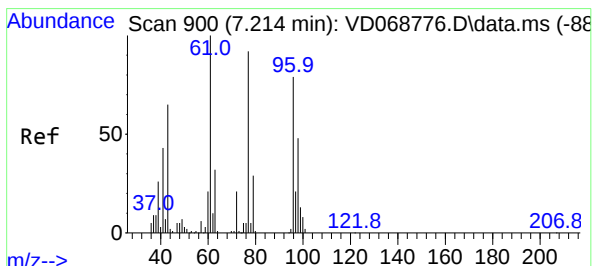
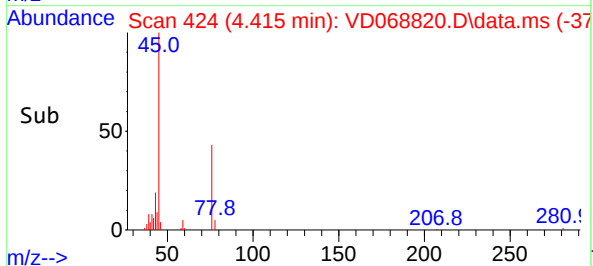
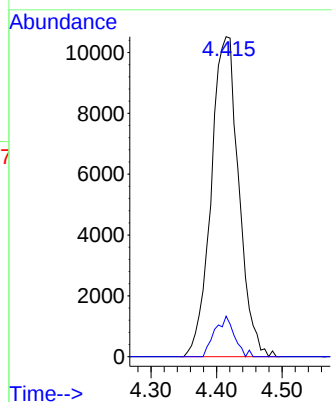
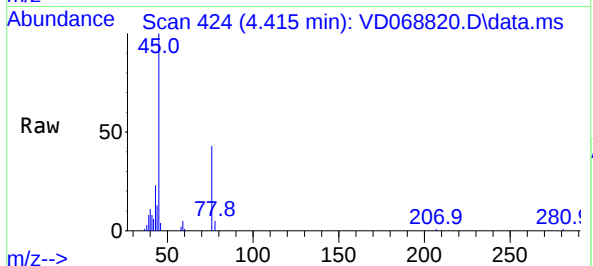




#17
Carbon Disulfide
Concen: 2.07 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

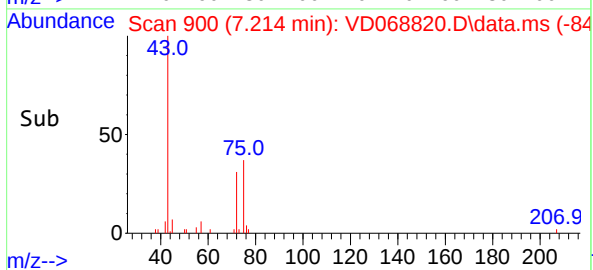
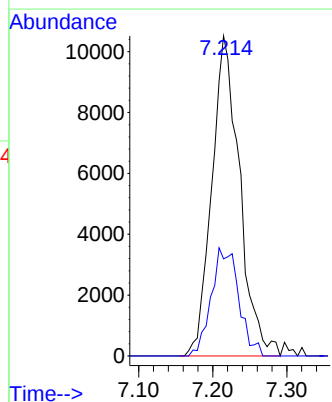
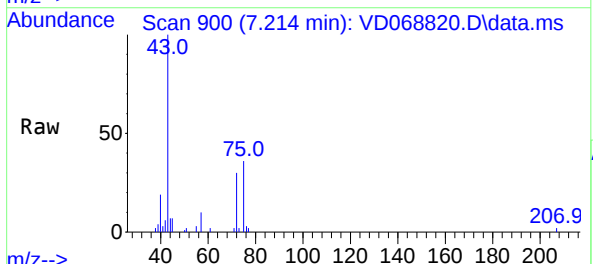
Instrument :
MSVOA_D
ClientSampleId :
SB-3C

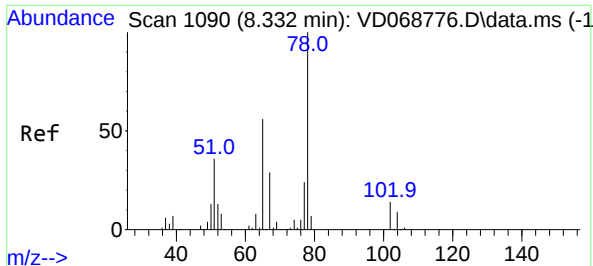
Tgt Ion: 76 Resp: 30740
Ion Ratio Lower Upper
76 100
78 12.7 7.3 10.9#



#25
2-Butanone
Concen: 28.88 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

Tgt Ion: 43 Resp: 27396
Ion Ratio Lower Upper
43 100
72 30.4 28.6 43.0

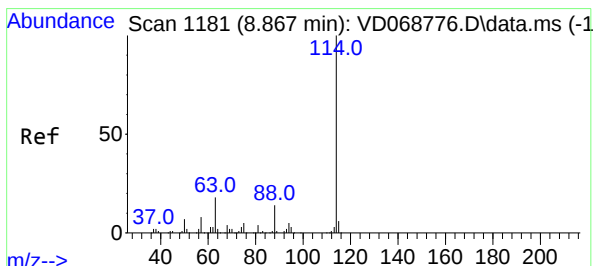
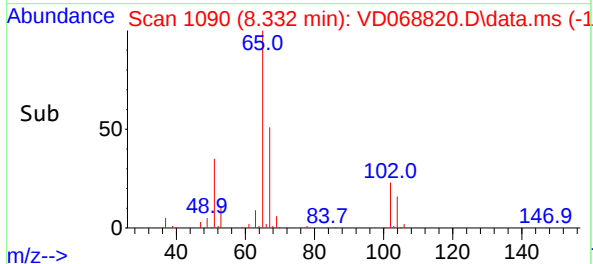
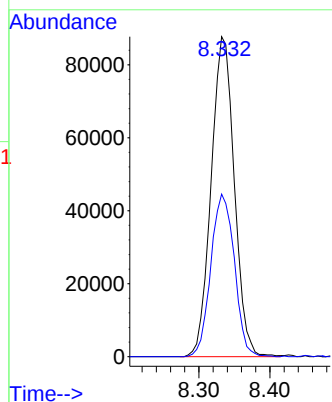
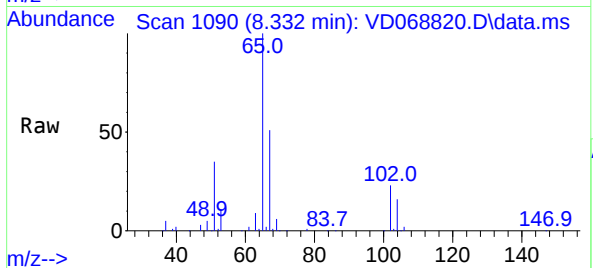




#33
1,2-Dichloroethane-d4
Concen: 41.01 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

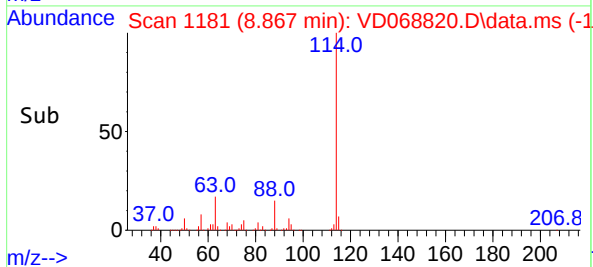
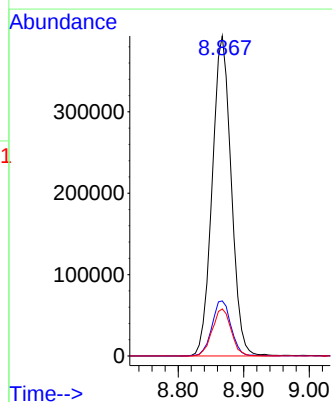
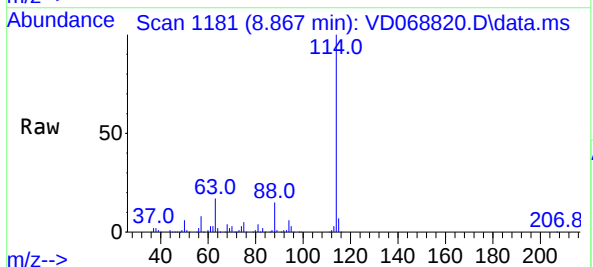
Instrument :
MSVOA_D
ClientSampled :
SB-3C

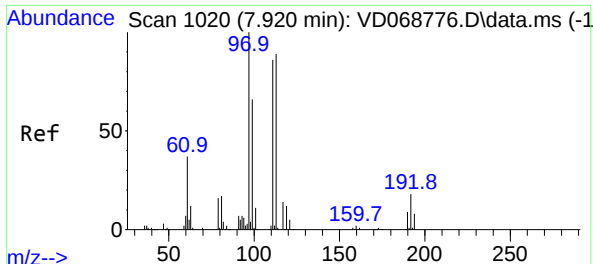
Tgt Ion: 65 Resp: 198517
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

Tgt Ion:114 Resp: 789338
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 14.7 0.0 29.4

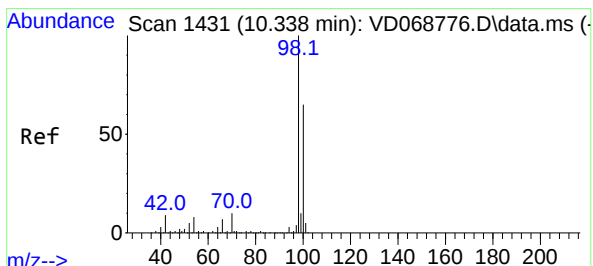
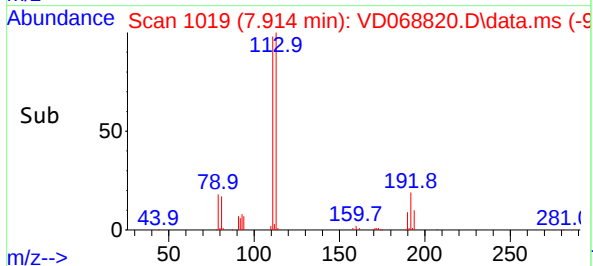
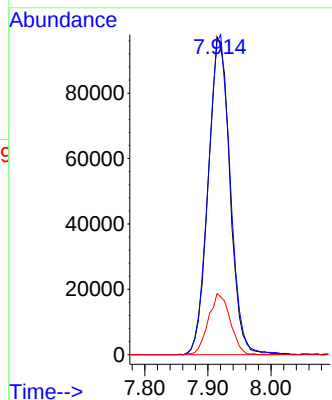
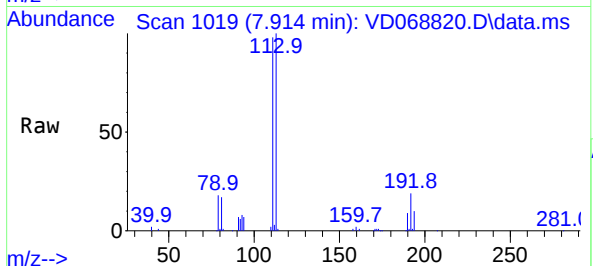




#35
Dibromofluoromethane
Concen: 45.20 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

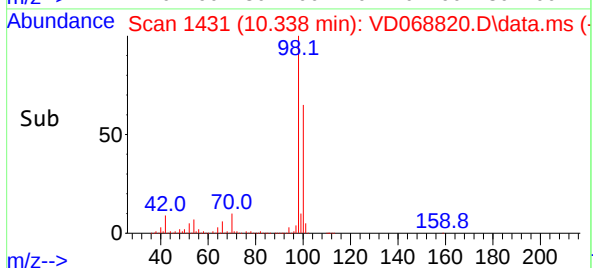
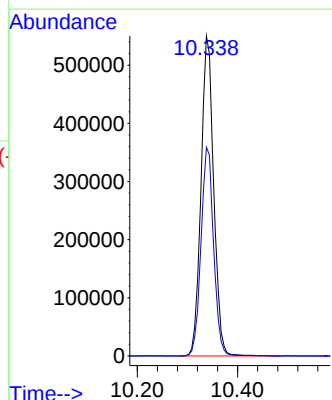
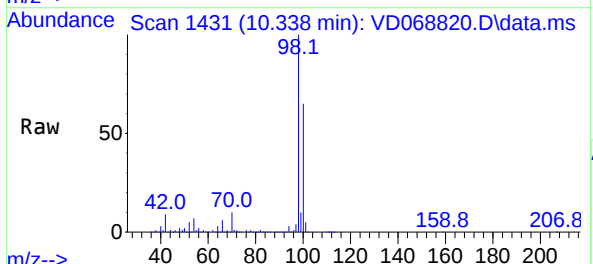
Instrument :
MSVOA_D
ClientSampled :
SB-3C

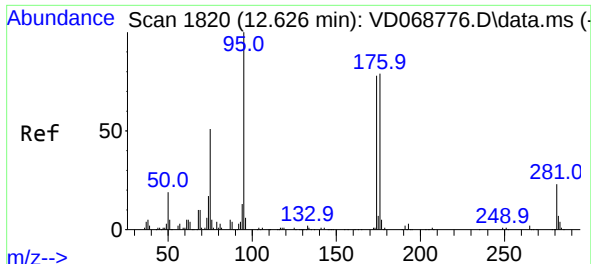
Tgt Ion:113 Resp: 232047
Ion Ratio Lower Upper
113 100
111 101.5 82.5 123.7
192 19.3 15.1 22.7



#50
Toluene-d8
Concen: 49.83 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

Tgt Ion: 98 Resp: 965083
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



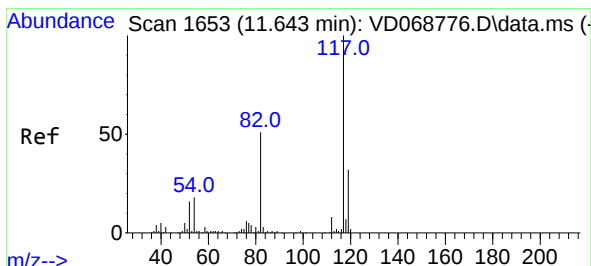
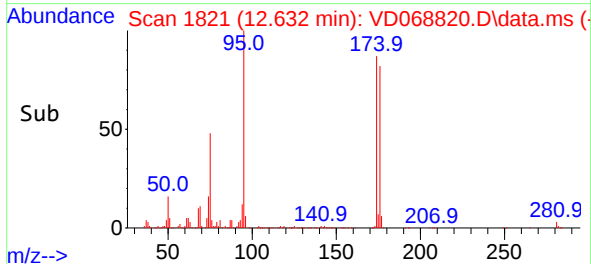
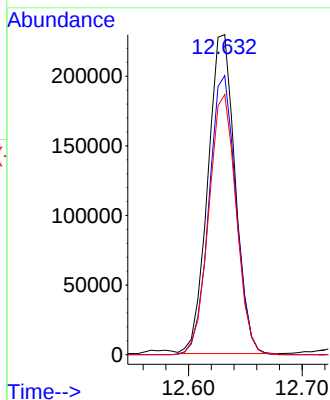
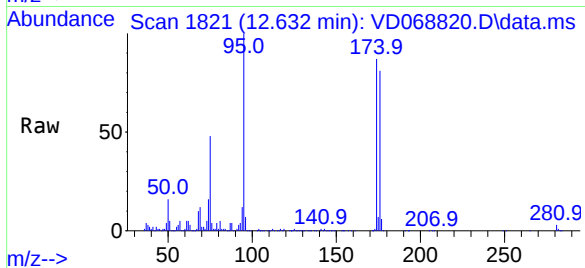


#62
4-Bromofluorobenzene
Concen: 59.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

Instrument :
MSVOA_D
ClientSampled :
SB-3C

Tgt Ion: 95 Resp: 382775

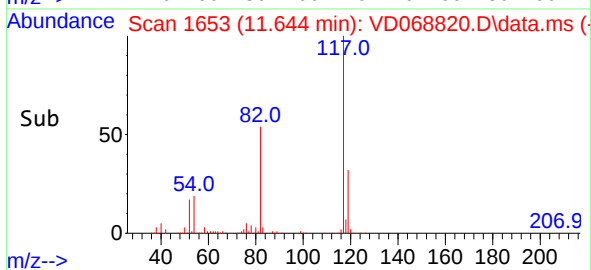
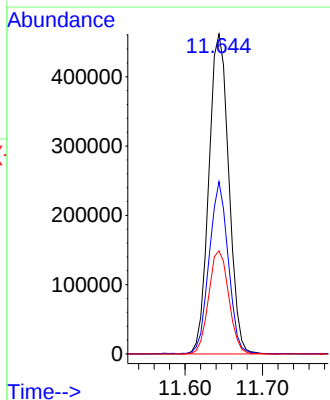
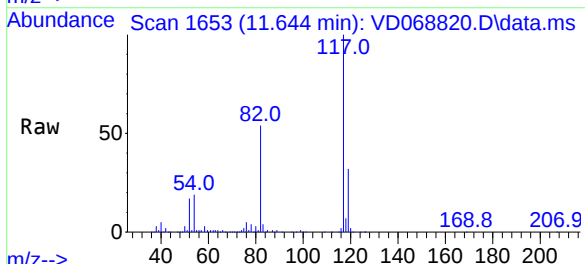
Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	168.0
176	81.6	0.0	160.2

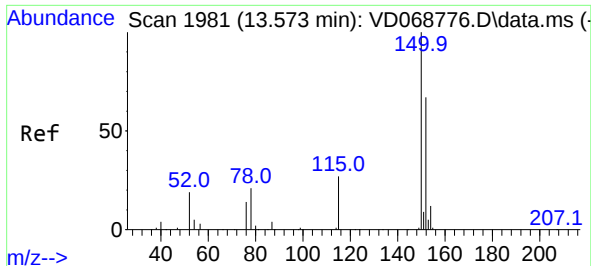


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

Tgt Ion: 117 Resp: 824897

Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.5	65.3
119	32.2	26.7	40.1

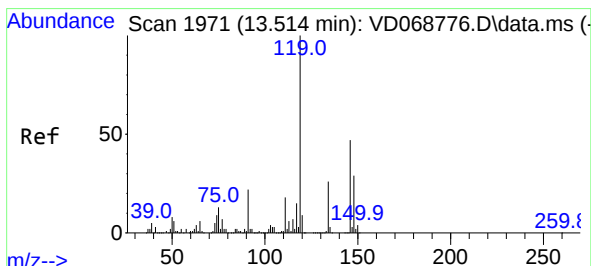
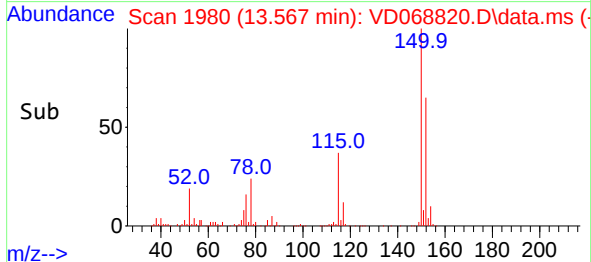
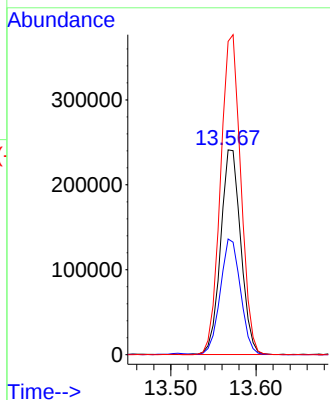
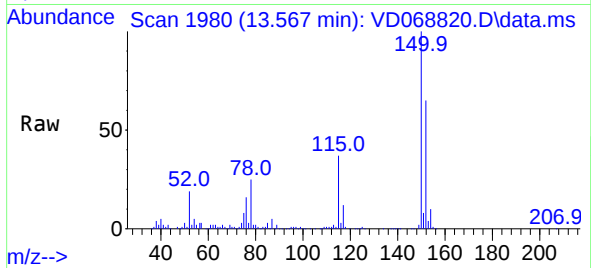




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

Instrument :
MSVOA_D
ClientSampled :
SB-3C

Tgt Ion:152 Resp: 395613
Ion Ratio Lower Upper
152 100
115 56.9 29.3 87.8
150 157.3 0.0 347.6



#86
p-Isopropyltoluene
Concen: 1.09 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068820.D
Acq: 09 Apr 2021 19:08

Tgt Ion:119 Resp: 28836
Ion Ratio Lower Upper
119 100
134 24.4 13.3 39.9
91 34.2 11.1 33.1#

