

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068965.D
 Acq On : 23 Apr 2021 14:08
 Operator : VA/SY
 Sample : M2107-19
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-34-9.5-10.0

Quant Time: Apr 26 07:55:23 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)

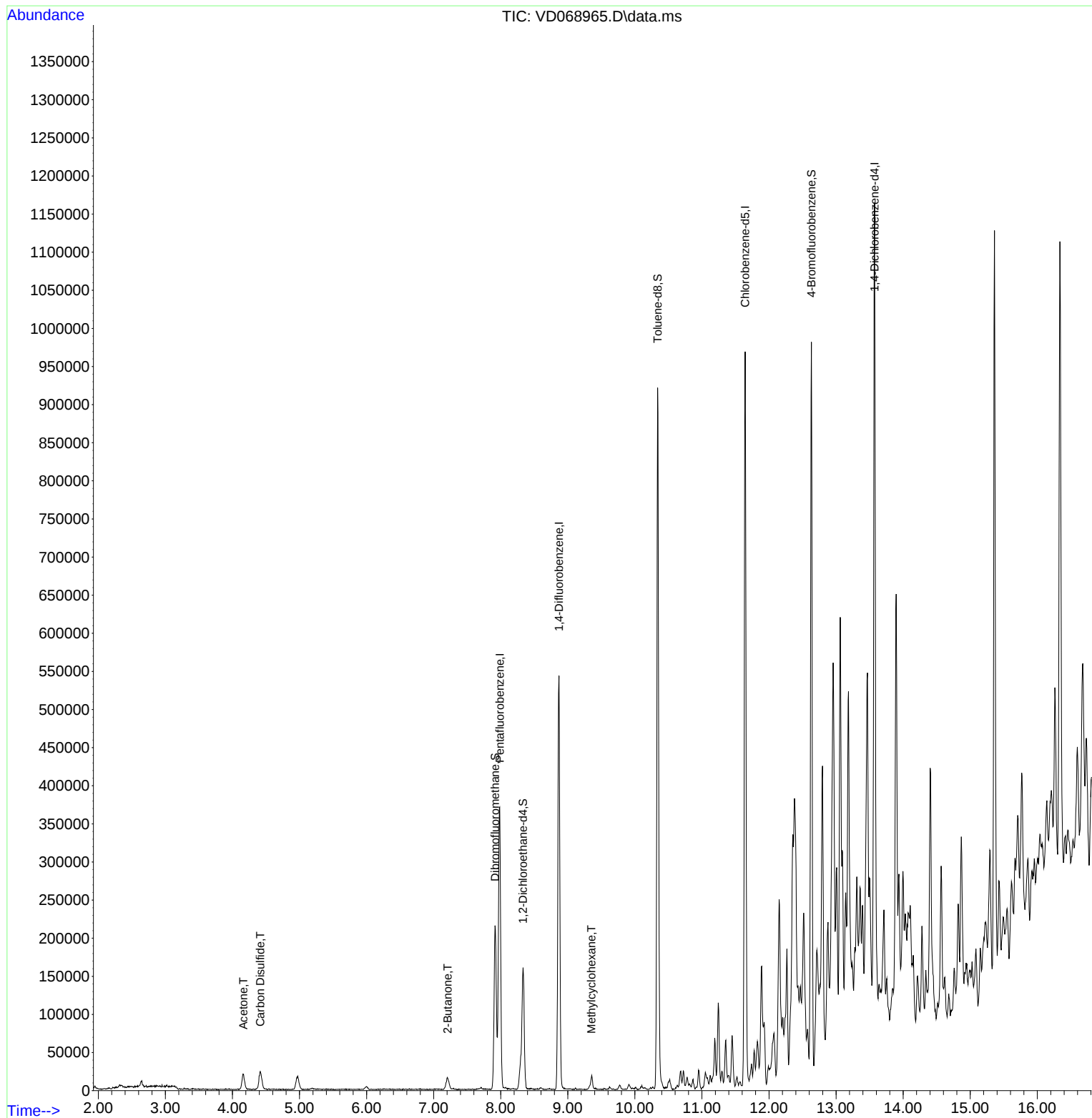
Internal Standards						
1) Pentafluorobenzene	7.985	168	292228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	499297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	590454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	294842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127326	41.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.46%
35) Dibromofluoromethane	7.914	113	153665	47.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.64%
50) Toluene-d8	10.338	98	626652	51.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.30%
62) 4-Bromofluorobenzene	12.632	95	285125	70.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.14%
Target Compounds						
16) Acetone	4.162	43	34122	79.78	ug/l	93
17) Carbon Disulfide	4.415	76	48374	5.11	ug/l #	90
25) 2-Butanone	7.209	43	12937	21.38	ug/l #	83
39) Methylcyclohexane	9.350	83	6698	1.14	ug/l	93

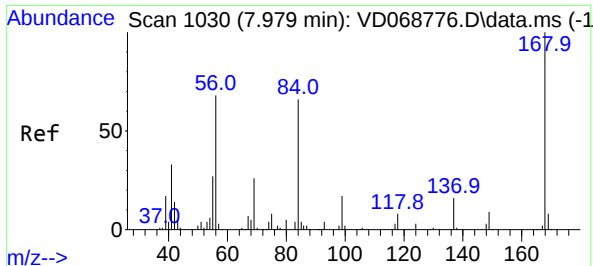
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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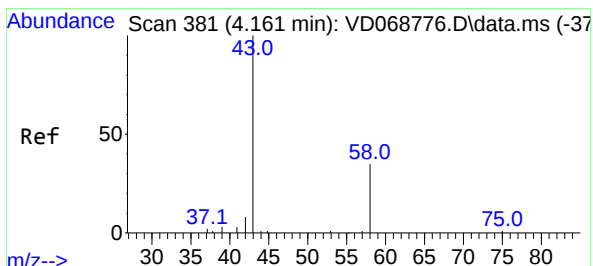
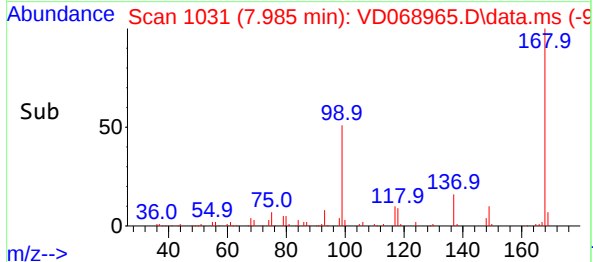
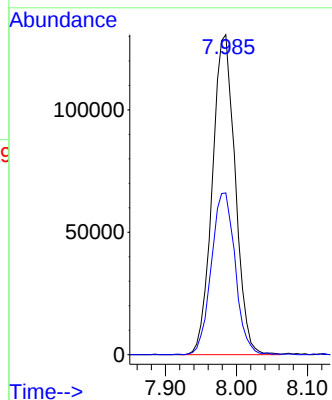
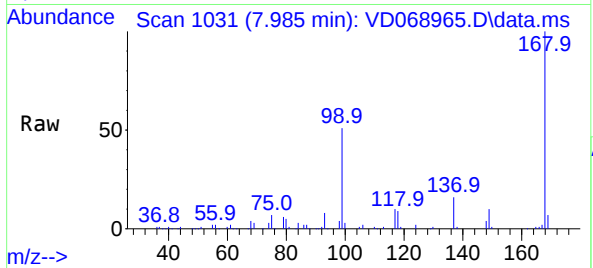




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

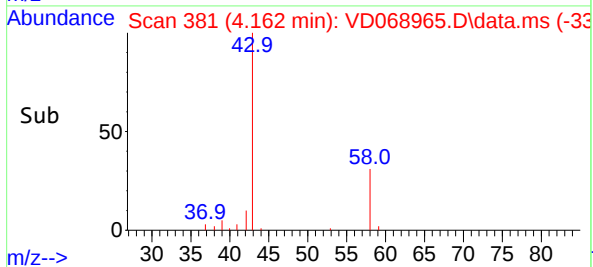
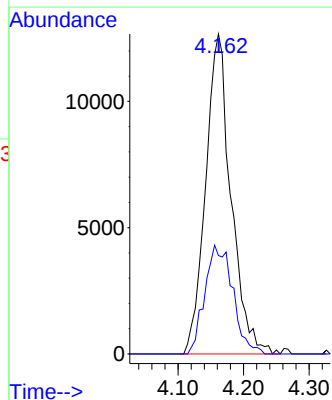
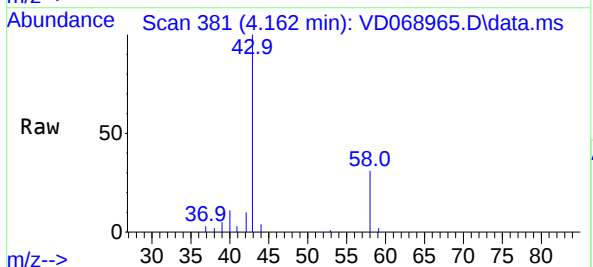
Instrument :
MSVOA_D
ClientSampleId :
SB-34-9.5-10.0

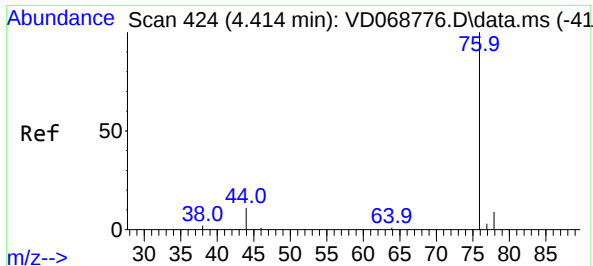
Tgt Ion:168 Resp: 292228
Ion Ratio Lower Upper
168 100
99 50.4 46.2 69.2



#16
Acetone
Concen: 79.78 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

Tgt Ion: 43 Resp: 34122
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0

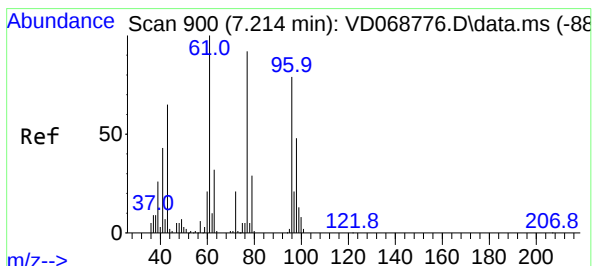
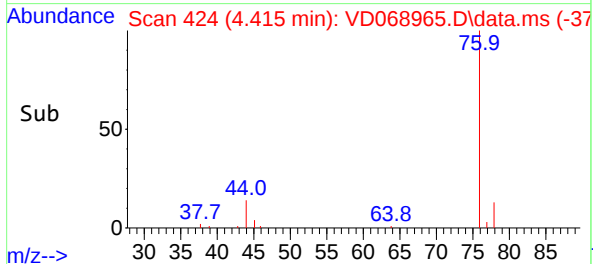
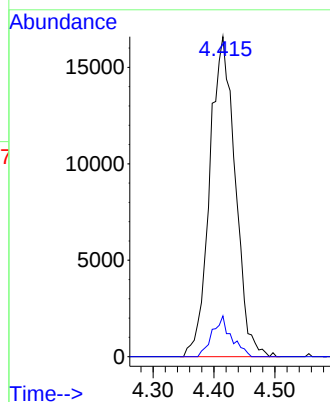
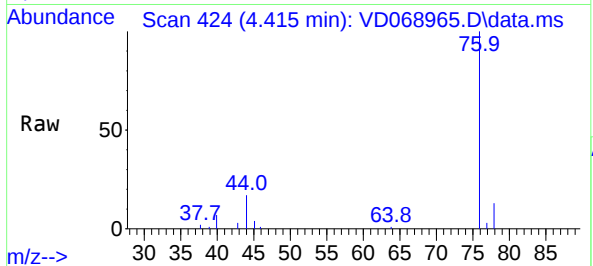




#17
Carbon Disulfide
Concen: 5.11 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

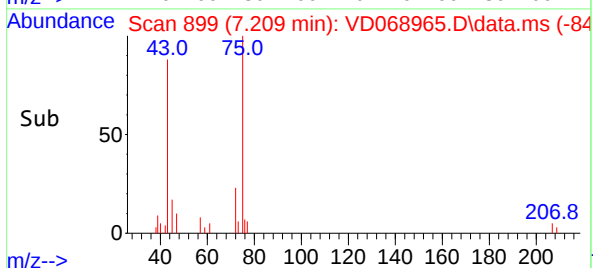
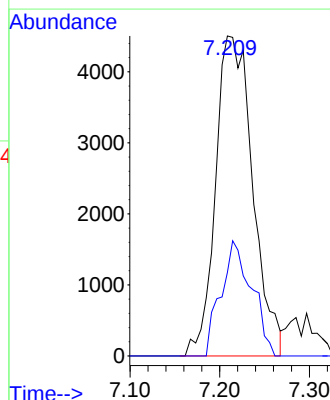
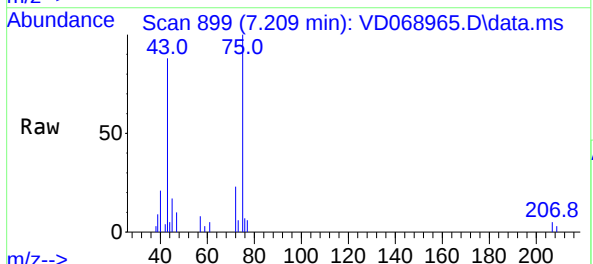
Instrument :
MSVOA_D
ClientSampleId :
SB-34-9.5-10.0

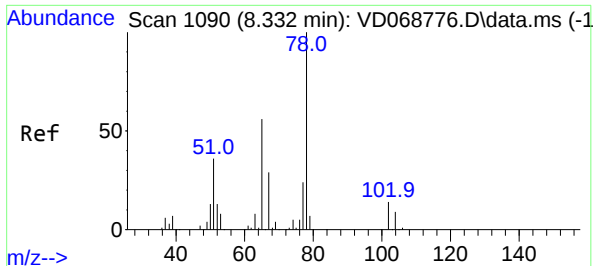
Tgt Ion: 76 Resp: 48374
Ion Ratio Lower Upper
76 100
78 12.7 7.3 10.9#



#25
2-Butanone
Concen: 21.38 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

Tgt Ion: 43 Resp: 12937
Ion Ratio Lower Upper
43 100
72 26.1 28.6 43.0#

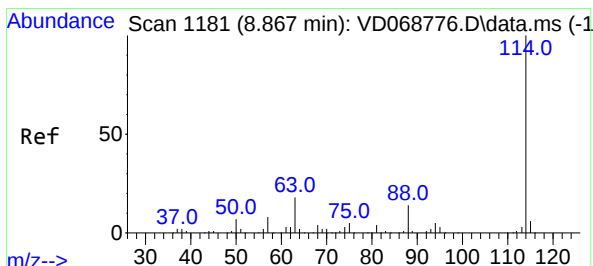
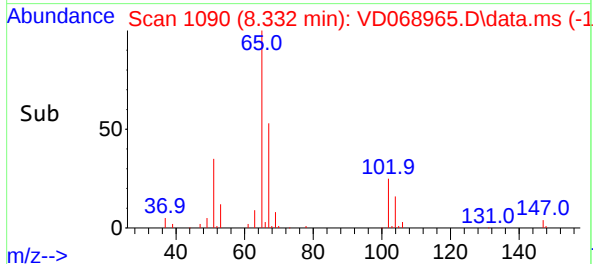
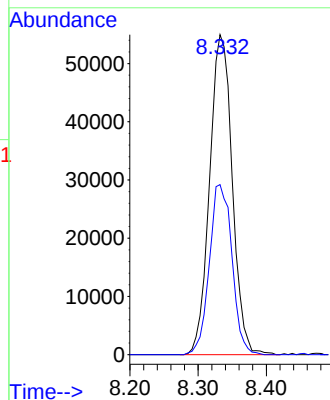
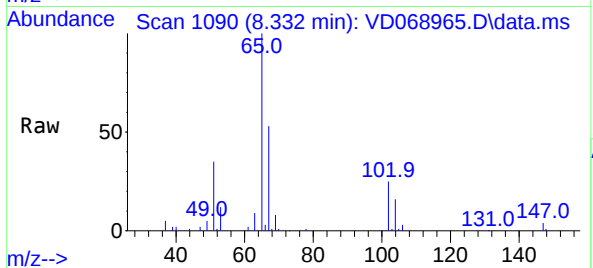




#33
1,2-Dichloroethane-d4
Concen: 41.23 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

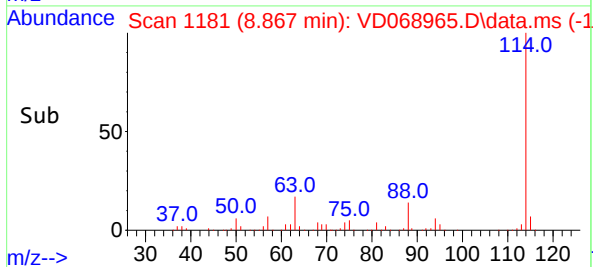
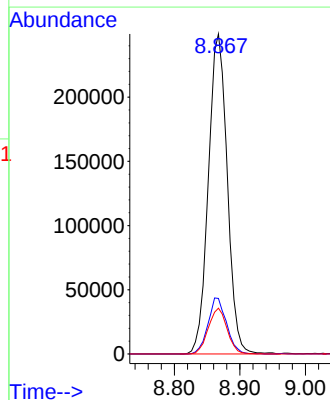
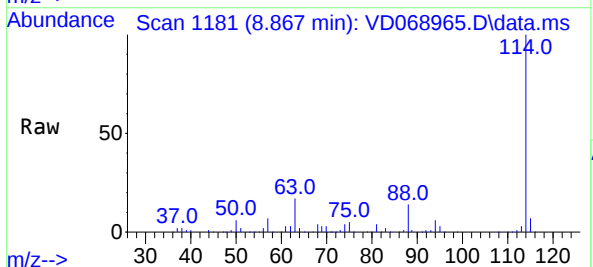
Instrument :
MSVOA_D
ClientSampleId :
SB-34-9.5-10.0

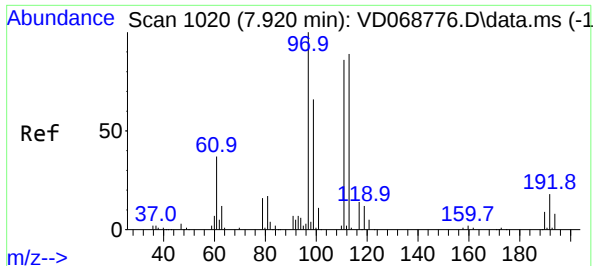
Tgt Ion: 65 Resp: 127326
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

Tgt Ion:114 Resp: 499297
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.3 0.0 29.4



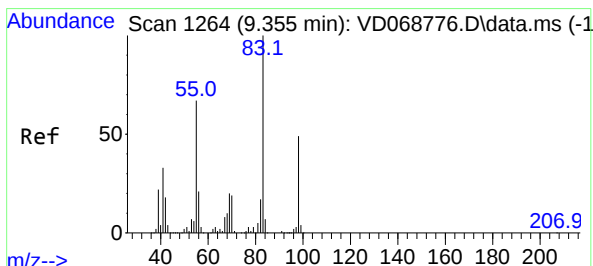
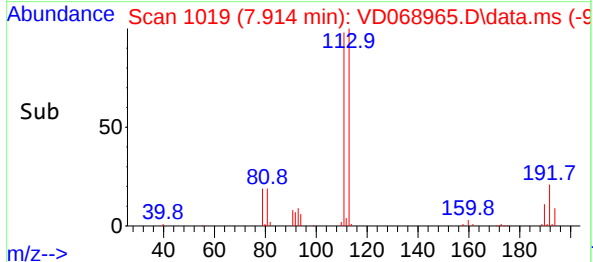
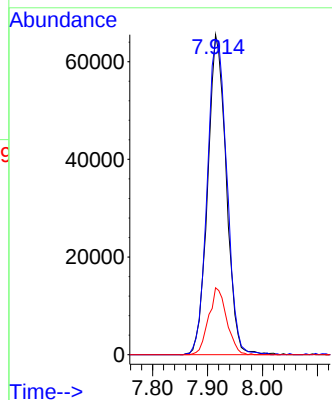
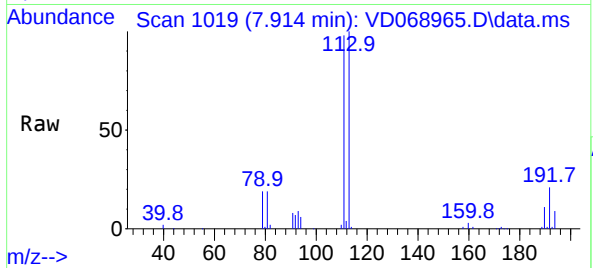


#35
Dibromofluoromethane
Concen: 47.32 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

Instrument :
MSVOA_D
ClientSampleId :
SB-34-9.5-10.0

Tgt Ion:113 Resp: 153665

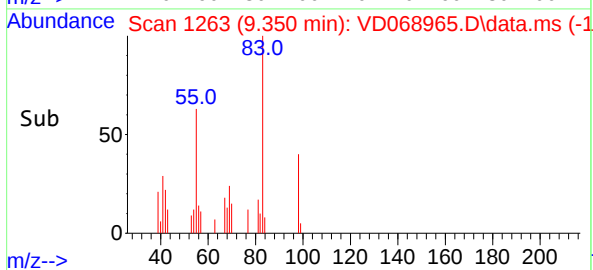
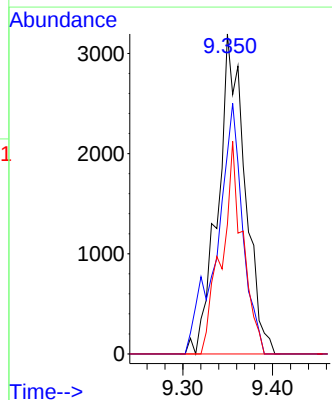
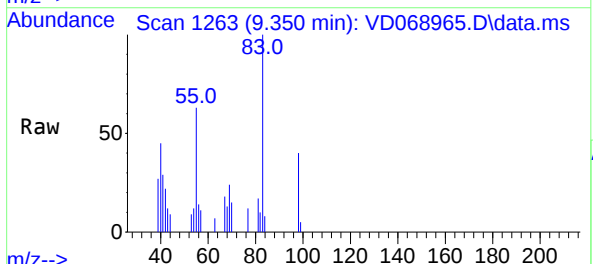
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.5	123.7
192	20.3	15.1	22.7

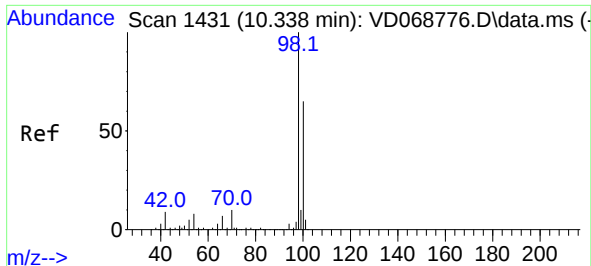


#39
Methylcyclohexane
Concen: 1.14 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.005 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

Tgt Ion: 83 Resp: 6698

Ion	Ratio	Lower	Upper
83	100		
55	62.6	51.7	77.5
98	40.5	38.8	58.2

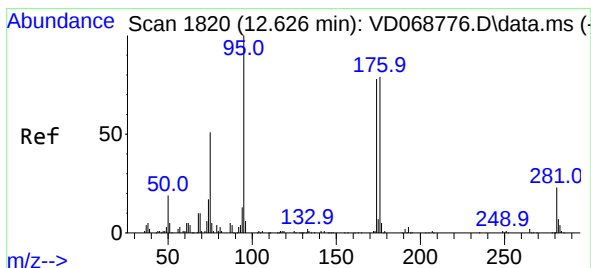
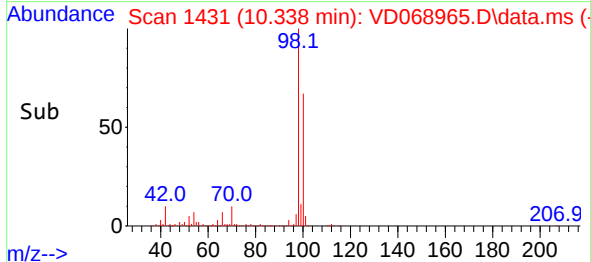
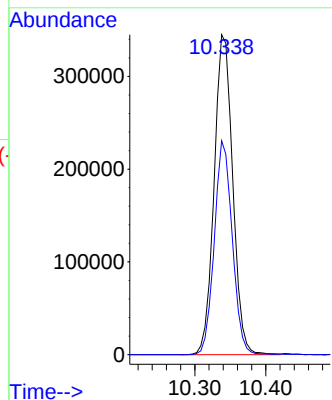
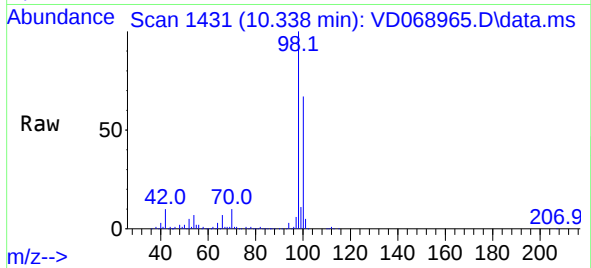




#50
Toluene-d8
Concen: 51.15 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

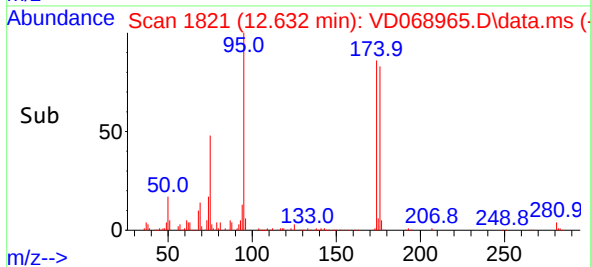
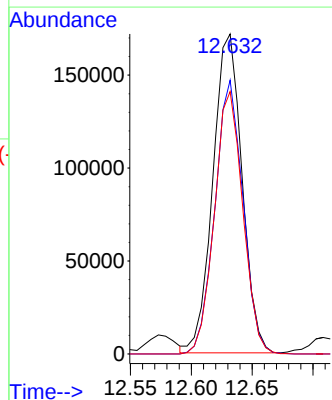
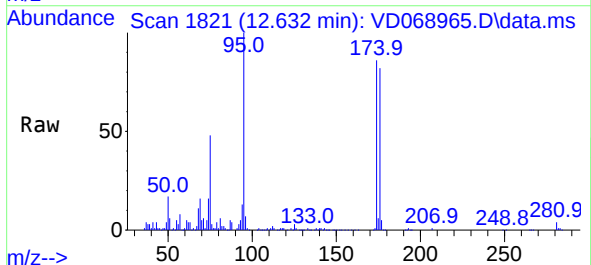
Instrument :
MSVOA_D
ClientSampleId :
SB-34-9.5-10.0

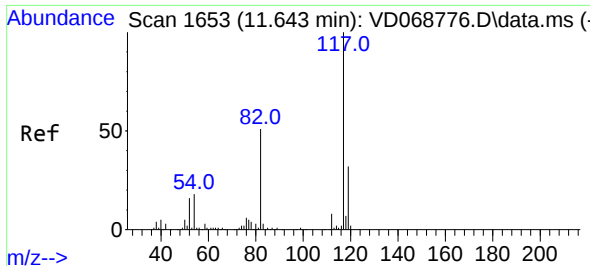
Tgt Ion: 98 Resp: 626652
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 70.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

Tgt Ion: 95 Resp: 285125
Ion Ratio Lower Upper
95 100
174 82.6 0.0 168.0
176 80.4 0.0 160.2

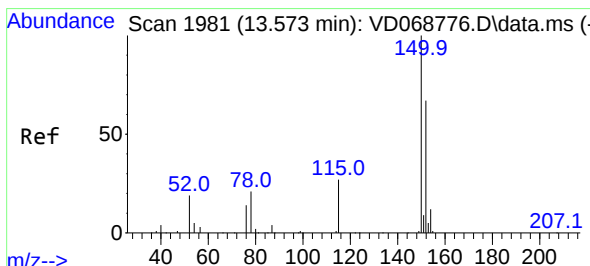
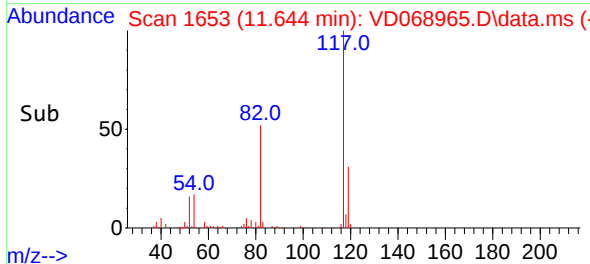
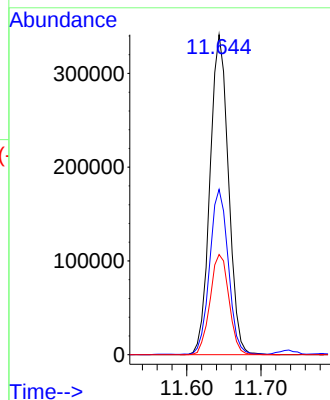
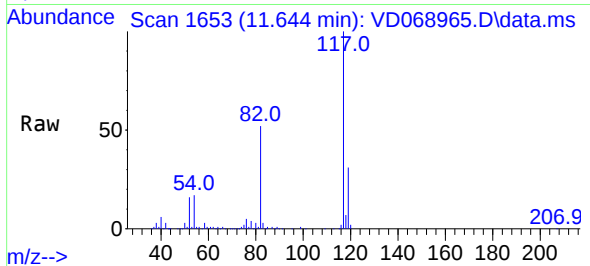




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068965.D
Acq: 23 Apr 2021 14:08

Instrument :
MSVOA_D
ClientSampleId :
SB-34-9.5-10.0

Tgt Ion:117 Resp: 590454
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 31.3 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: VD068965.D
Acq: 23 Apr 2021 14:08

Tgt Ion:152 Resp: 294842
Ion Ratio Lower Upper
152 100
115 56.4 29.3 87.8
150 157.6 0.0 347.6

