

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068841.D
 Acq On : 12 Apr 2021 19:25
 Operator : VA/SY
 Sample : M1998-02
 Misc : 3.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3B

Quant Time: Apr 13 01:12:26 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)

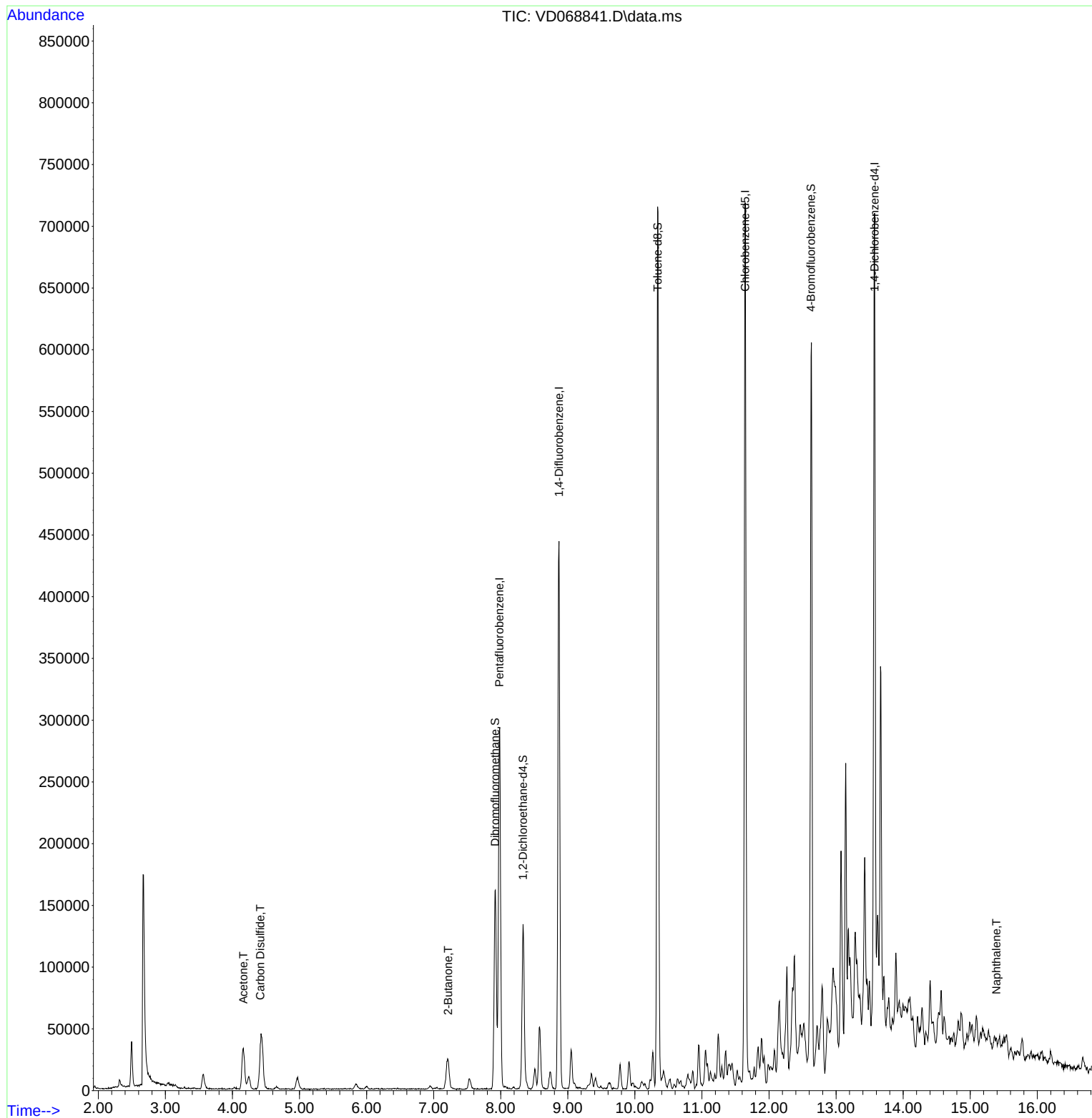
Internal Standards						
1) Pentafluorobenzene	7.979	168	225716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	416531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	427804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	190290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	105955	44.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.84%
35) Dibromofluoromethane	7.914	113	118233	43.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.28%
50) Toluene-d8	10.338	98	506912	49.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.20%
62) 4-Bromofluorobenzene	12.626	95	190545	56.13	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.26%
Target Compounds						
16) Acetone	4.162	43	60483	183.09	ug/l	98
17) Carbon Disulfide	4.415	76	30243	4.14	ug/l	99
25) 2-Butanone	7.214	43	25520	54.59	ug/l	99
95) Naphthalene	15.390	128	7746	1.25	ug/l #	95

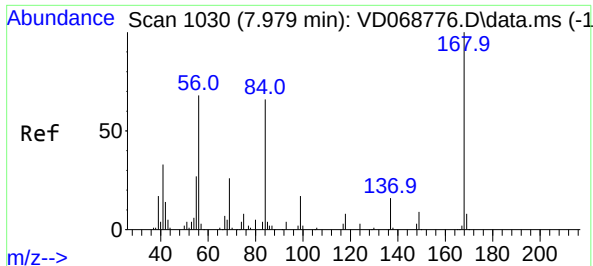
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

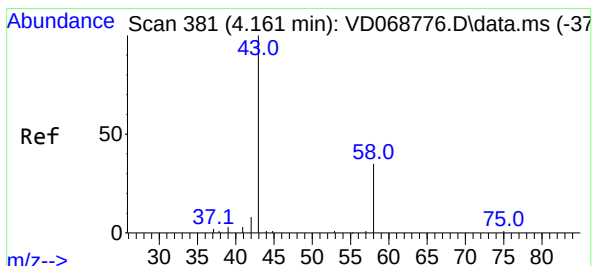
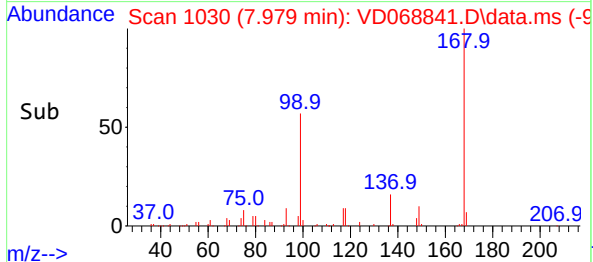
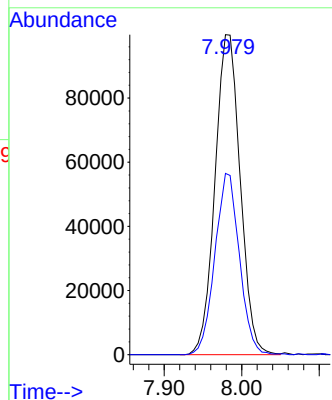
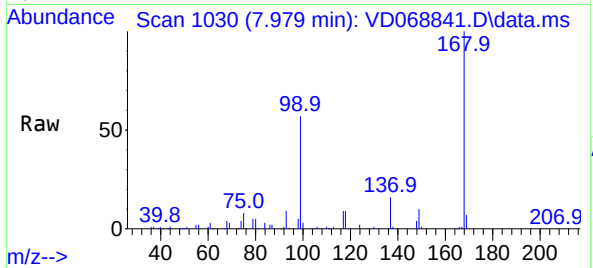




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

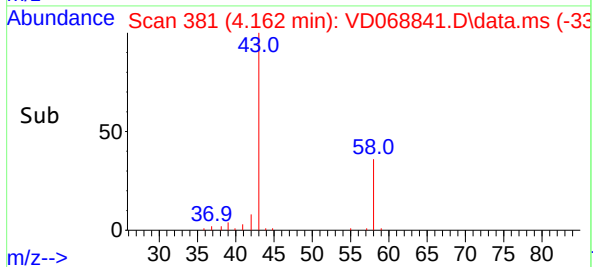
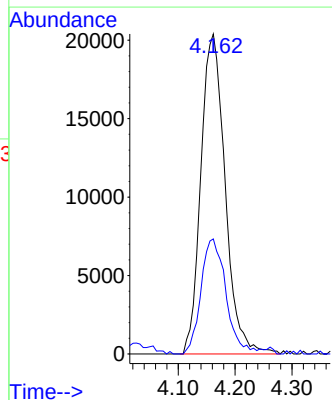
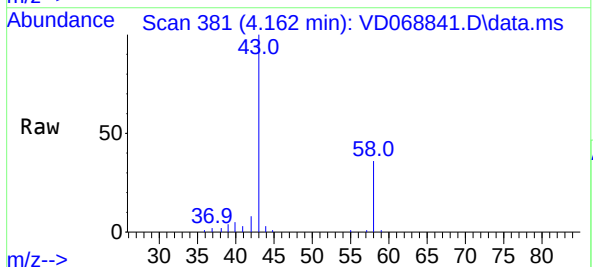
Instrument :
MSVOA_D
ClientSampleId :
SB-3B

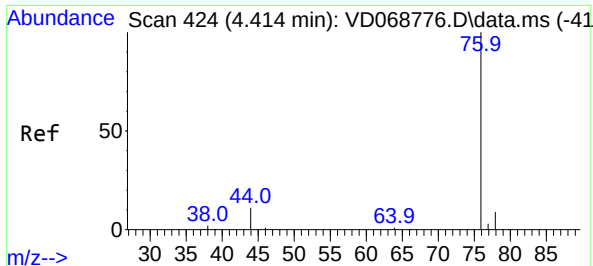
Tgt Ion:168 Resp: 225716
Ion Ratio Lower Upper
168 100
99 56.7 46.2 69.2



#16
Acetone
Concen: 183.09 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

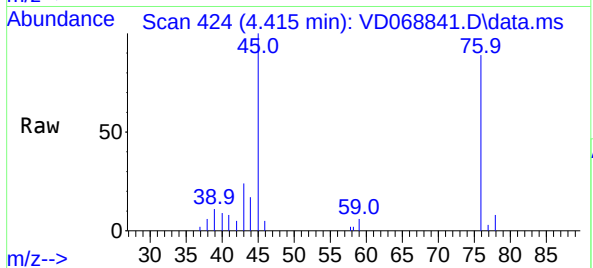
Tgt Ion: 43 Resp: 60483
Ion Ratio Lower Upper
43 100
58 35.9 28.0 42.0



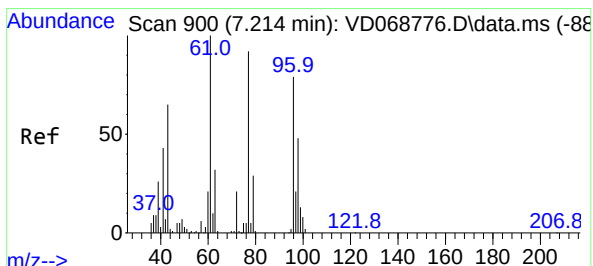
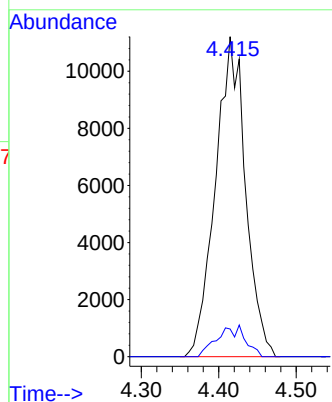
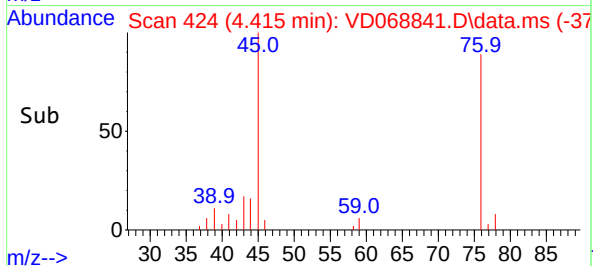


#17
Carbon Disulfide
Concen: 4.14 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

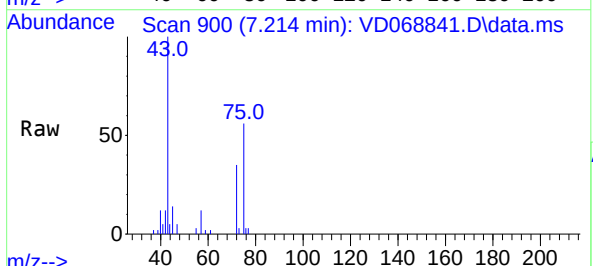
Instrument :
MSVOA_D
ClientSampled :
SB-3B



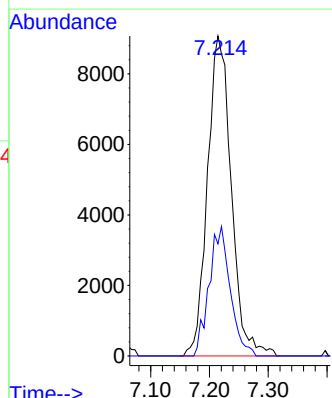
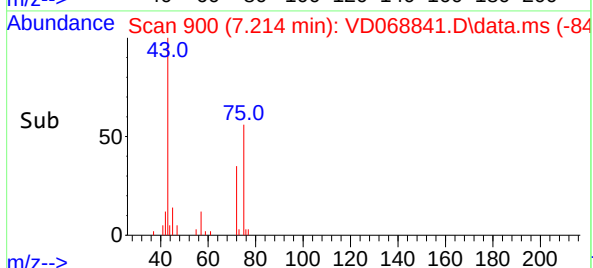
Tgt Ion: 76 Resp: 30243
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

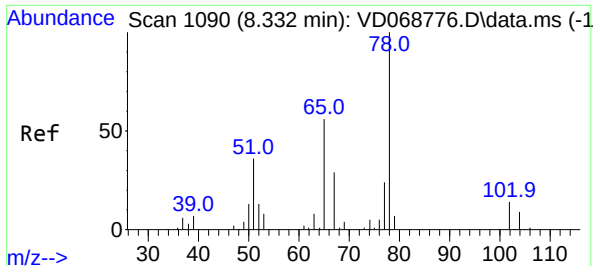


#25
2-Butanone
Concen: 54.59 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25



Tgt Ion: 43 Resp: 25520
Ion Ratio Lower Upper
43 100
72 35.1 28.6 43.0

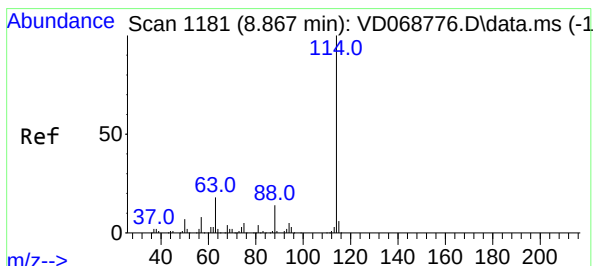
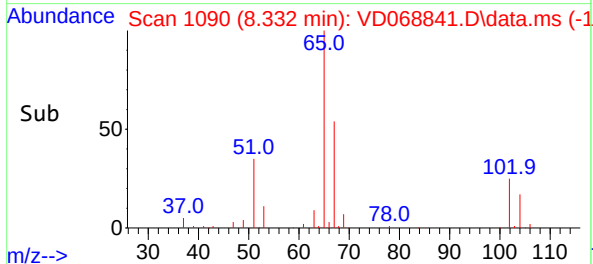
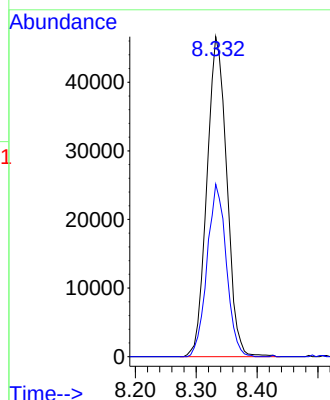
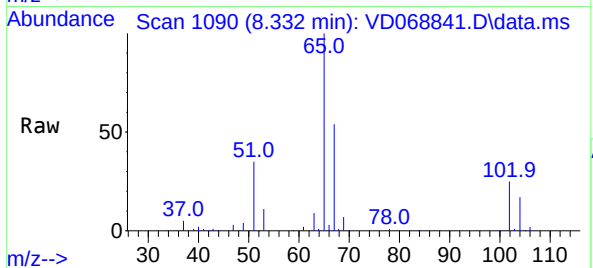




#33
1,2-Dichloroethane-d4
Concen: 44.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

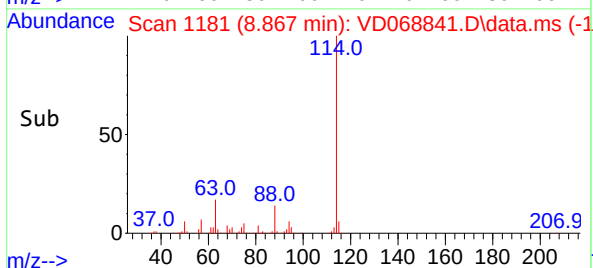
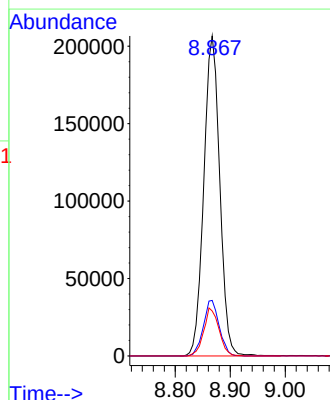
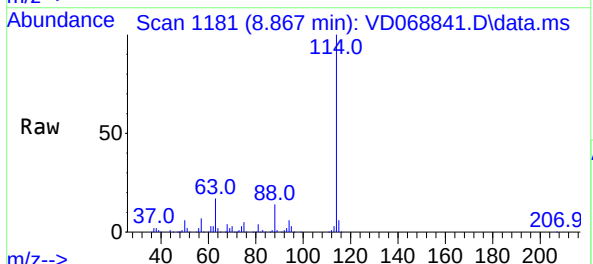
Instrument :
MSVOA_D
ClientSampleId :
SB-3B

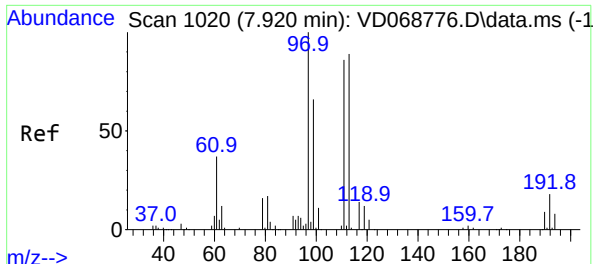
Tgt Ion: 65 Resp: 105955
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

Tgt Ion: 114 Resp: 416531
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 14.1 0.0 29.4

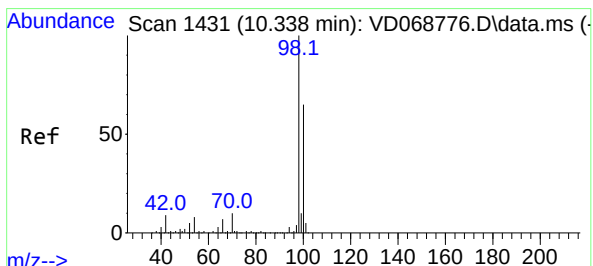
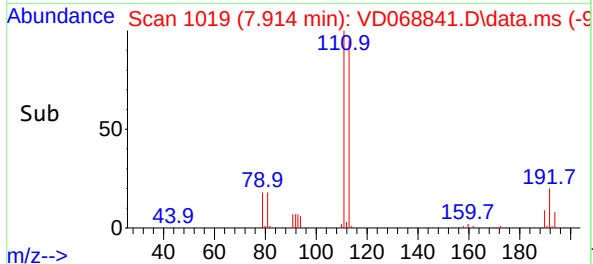
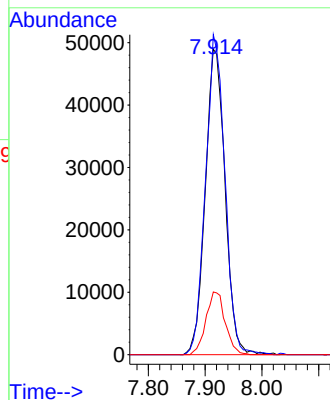
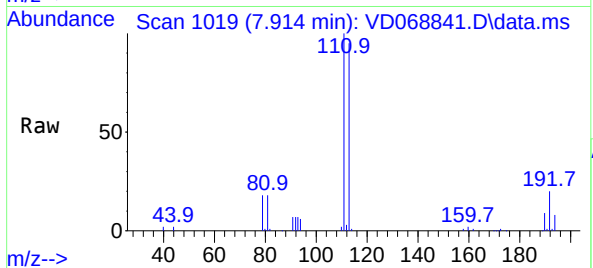




#35
Dibromofluoromethane
Concen: 43.64 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

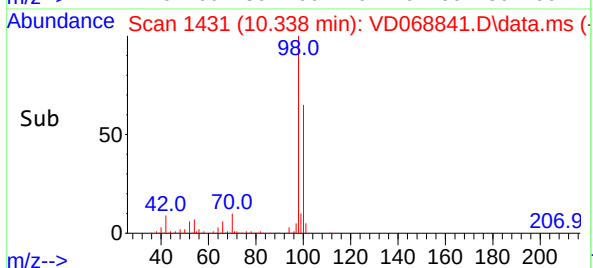
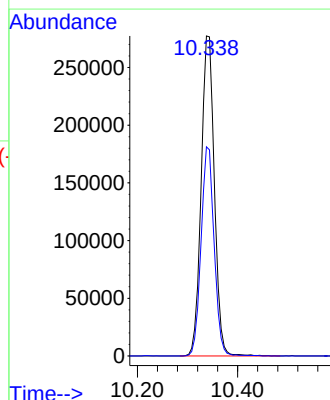
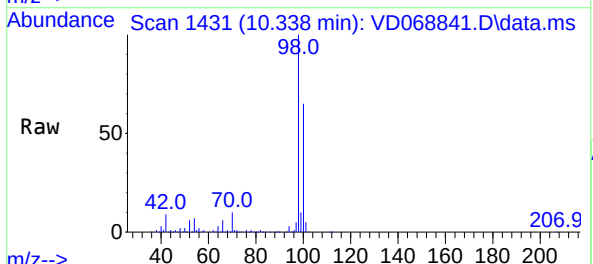
Instrument :
MSVOA_D
ClientSampleId :
SB-3B

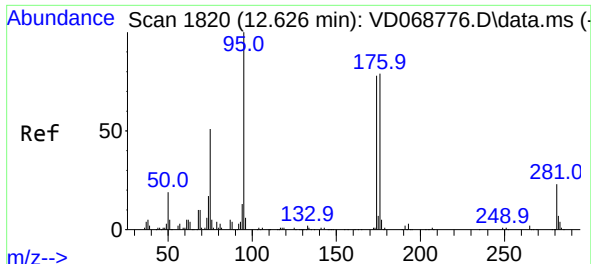
Tgt Ion:113 Resp: 118233
Ion Ratio Lower Upper
113 100
111 102.6 82.5 123.7
192 20.0 15.1 22.7



#50
Toluene-d8
Concen: 49.60 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

Tgt Ion: 98 Resp: 506912
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

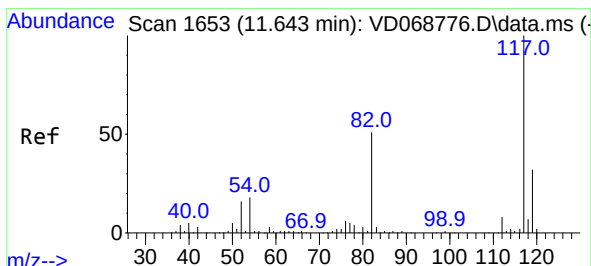
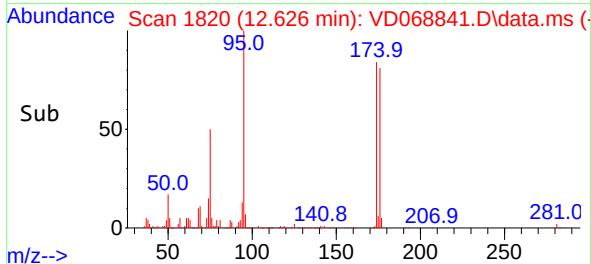
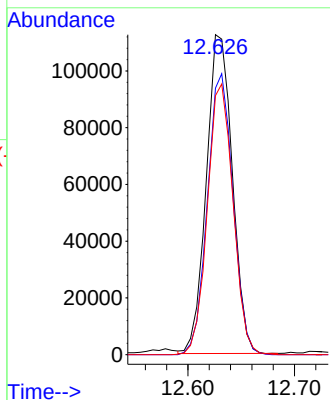
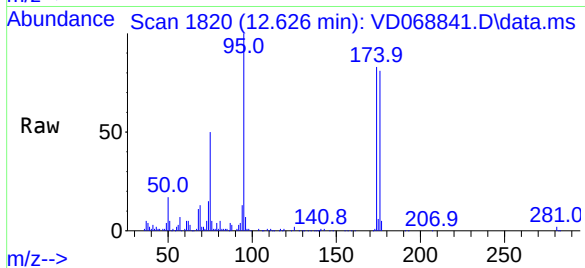




#62
4-Bromofluorobenzene
Concen: 56.13 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

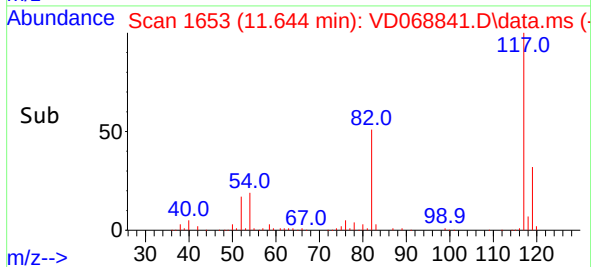
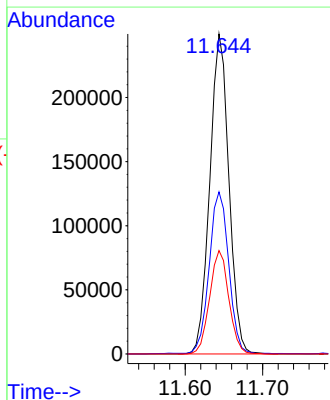
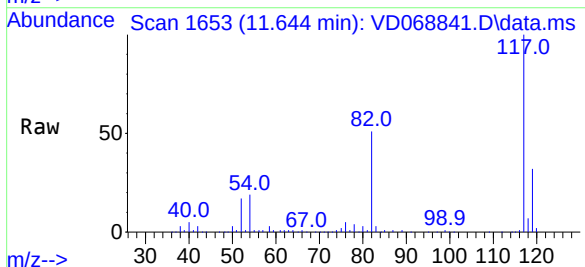
Instrument :
MSVOA_D
ClientSampleId :
SB-3B

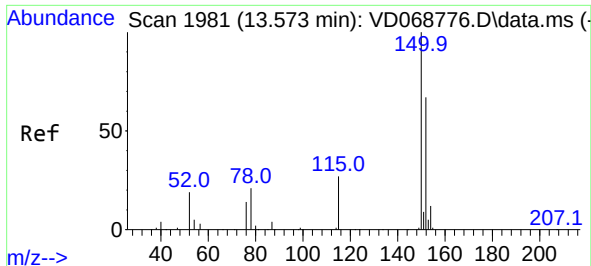
Tgt Ion:	95	Resp:	190545
Ion Ratio	Lower	Upper	
95	100		
174	86.8	0.0	168.0
176	83.6	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

Tgt Ion:	117	Resp:	427804
Ion Ratio	Lower	Upper	
117	100		
82	50.5	43.5	65.3
119	32.3	26.7	40.1

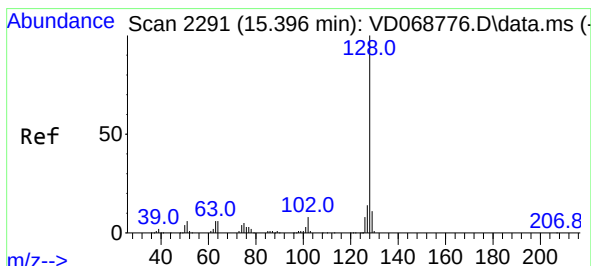
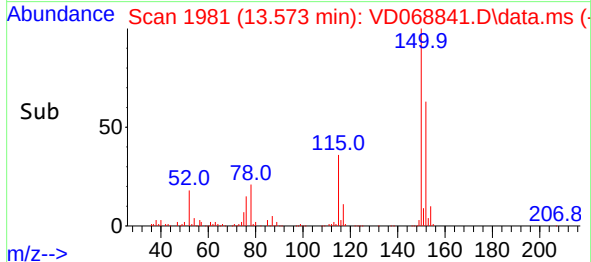
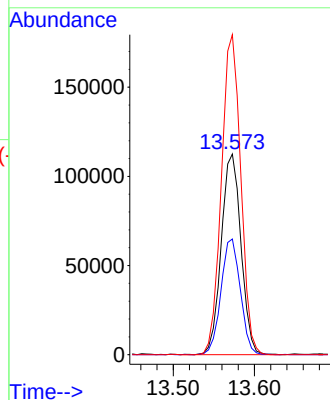
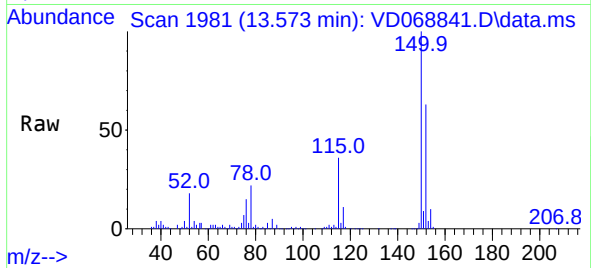




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

Instrument :
MSVOA_D
ClientSampled :
SB-3B

Tgt Ion:152 Resp: 190290
Ion Ratio Lower Upper
152 100
115 56.6 29.3 87.8
150 156.2 0.0 347.6



#95
Naphthalene
Concen: 1.25 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD068841.D
Acq: 12 Apr 2021 19:25

Tgt Ion:128 Resp: 7746
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 15.2 8.9 13.3#

