

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069393.D
 Acq On : 08 Jun 2021 17:12
 Operator : VA/SY
 Sample : M2634-04
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R44-STONE-2

Quant Time: Jun 09 02:10:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

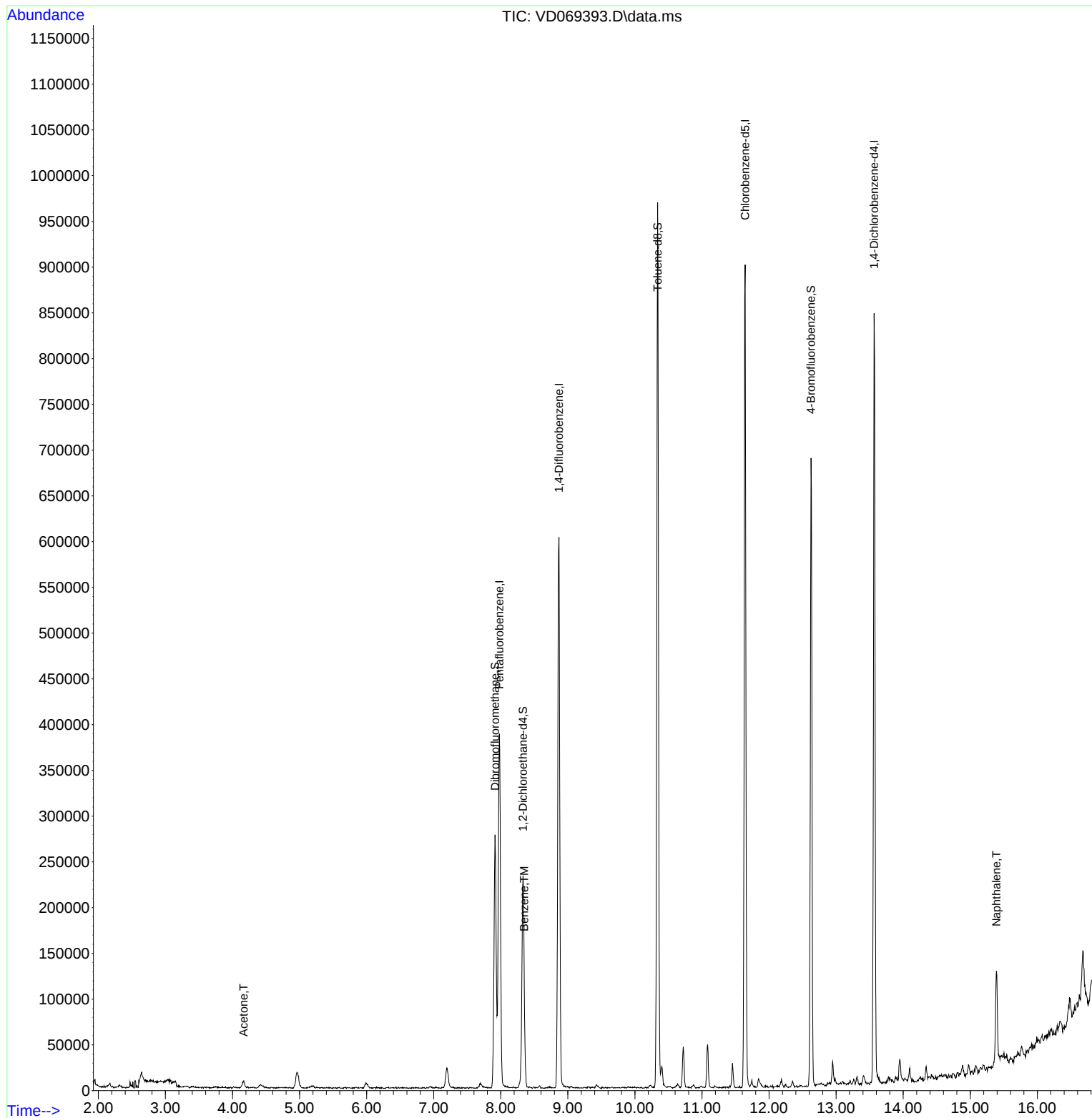
Internal Standards						
1) Pentafluorobenzene	7.979	168	295579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	545164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	545084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	231754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181441	63.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.940%			
35) Dibromofluoromethane	7.914	113	198164	57.883	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.760%			
50) Toluene-d8	10.338	98	675492	54.260	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.520%			
62) 4-Bromofluorobenzene	12.626	95	216517	53.078	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.160%			
Target Compounds					Qvalue	
16) Acetone	4.167	43	12692	25.644	ug/l #	73
40) Benzene	8.350	78	22754	1.478	ug/l	98
95) Naphthalene	15.390	128	99329	15.032	ug/l	97

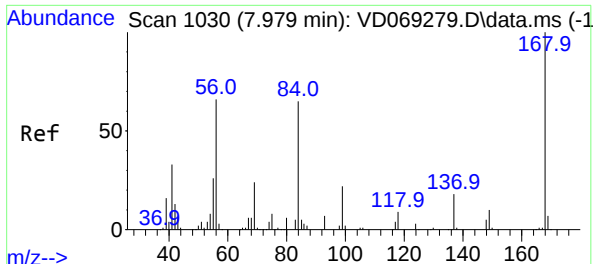
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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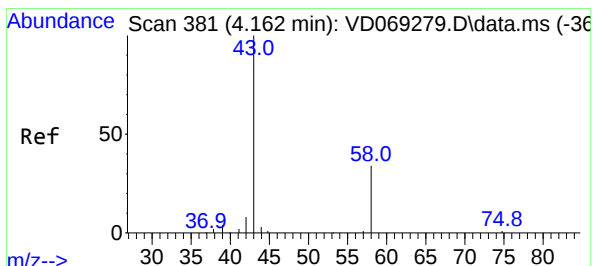
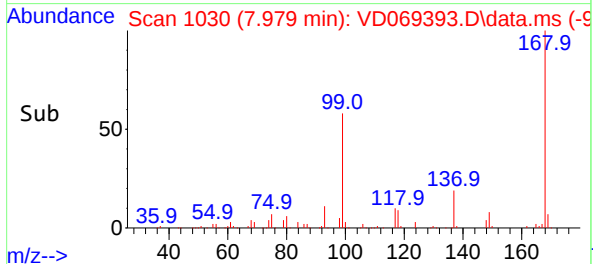
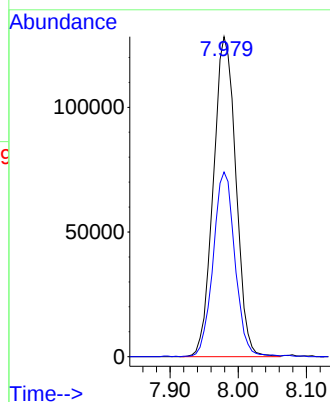
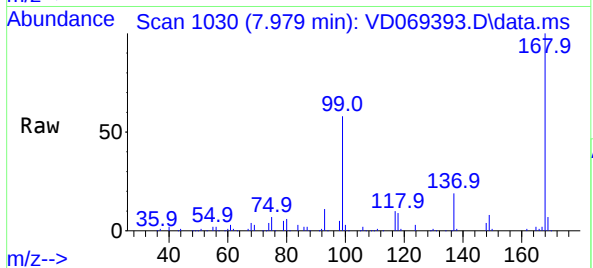




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

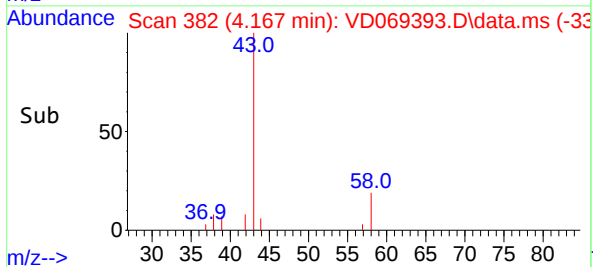
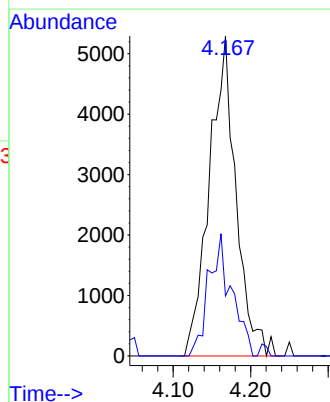
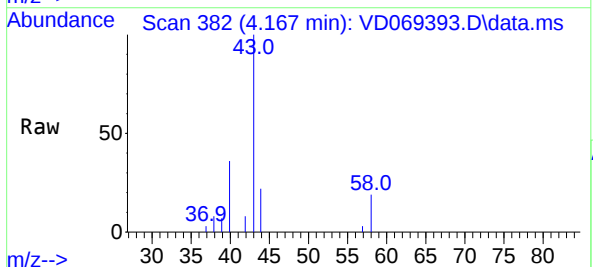
Instrument :
MSVOA_D
ClientSampleId :
R44-STONE-2

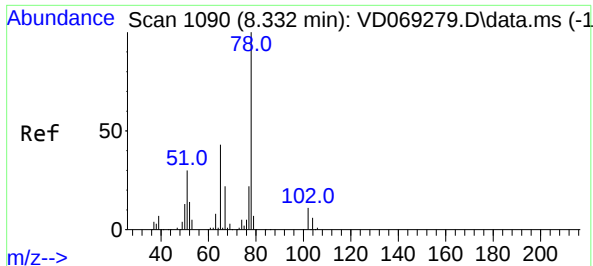
Tgt Ion:168 Resp: 295579
Ion Ratio Lower Upper
168 100
99 57.7 46.2 69.2



#16
Acetone
Concen: 25.644 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

Tgt Ion: 43 Resp: 12692
Ion Ratio Lower Upper
43 100
58 18.8 27.5 41.3#

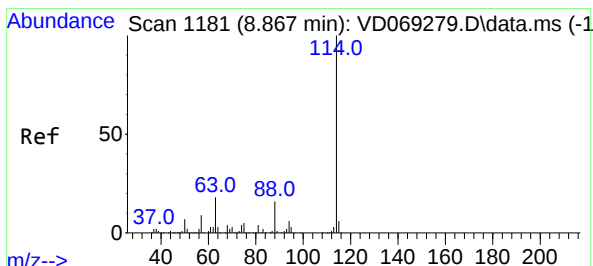
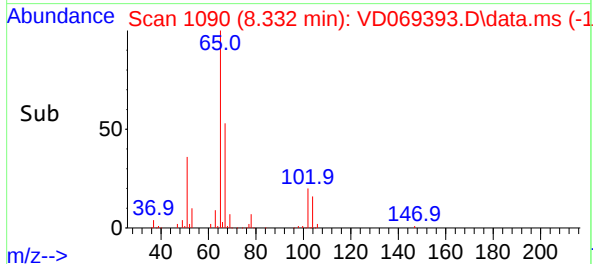
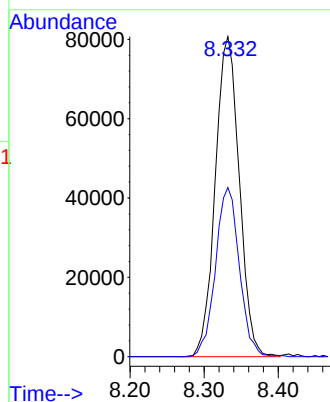
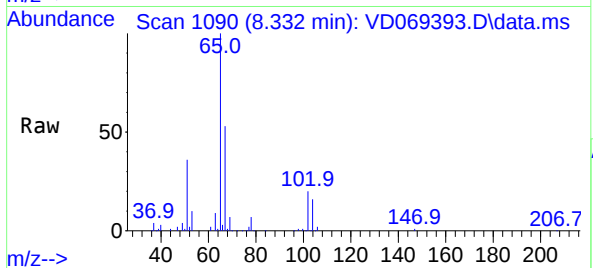




#33
1,2-Dichloroethane-d4
Concen: 63.975 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

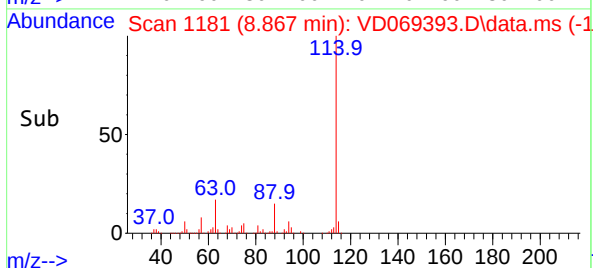
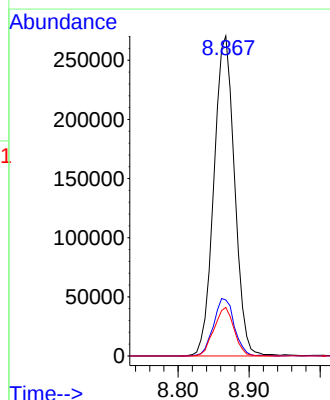
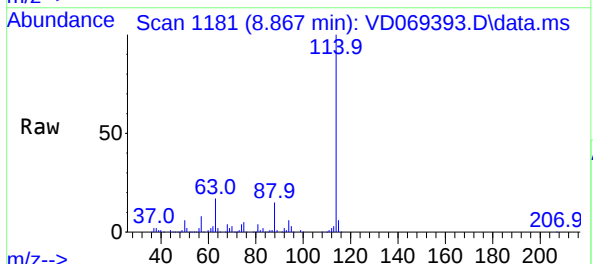
Instrument :
MSVOA_D
ClientSampleId :
R44-STONE-2

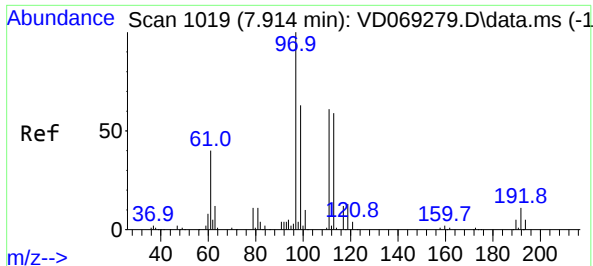
Tgt Ion: 65 Resp: 181441
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

Tgt Ion: 114 Resp: 545164
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.6
88 15.2 0.0 31.2

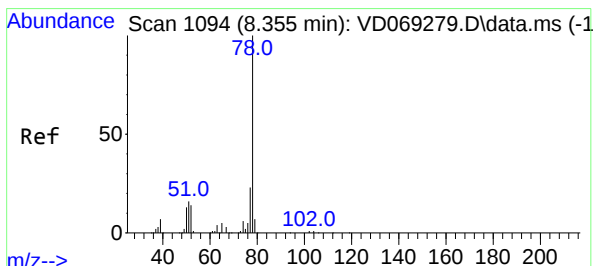
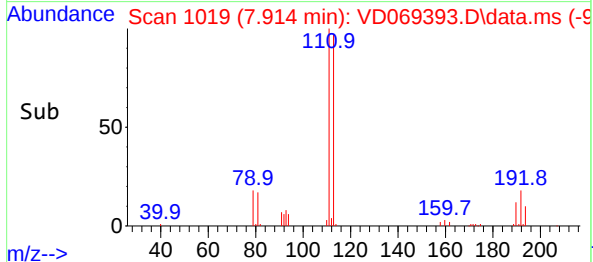
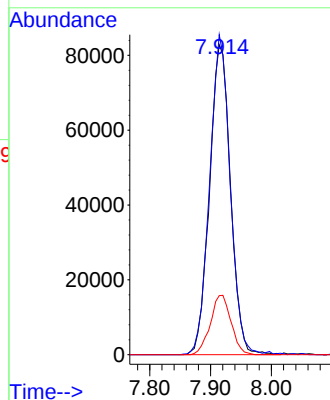
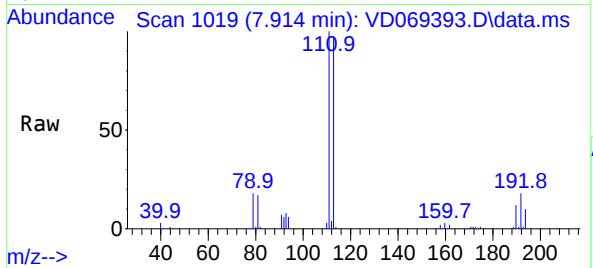




#35
Dibromofluoromethane
Concen: 57.883 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

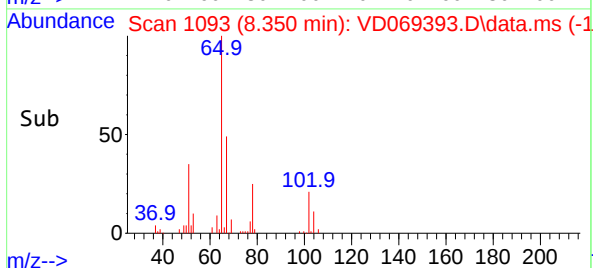
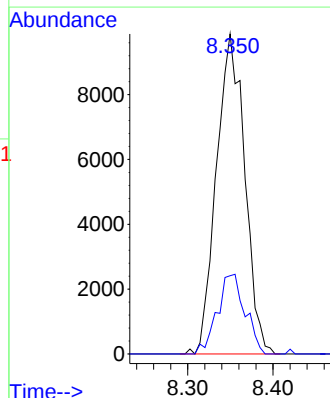
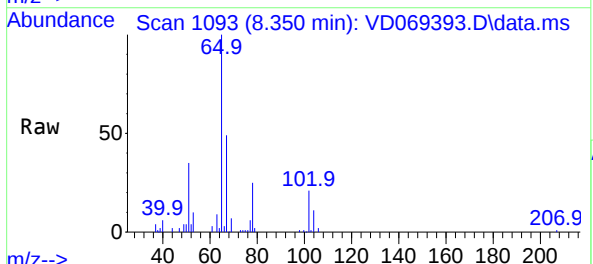
Instrument :
MSVOA_D
ClientSampleId :
R44-STONE-2

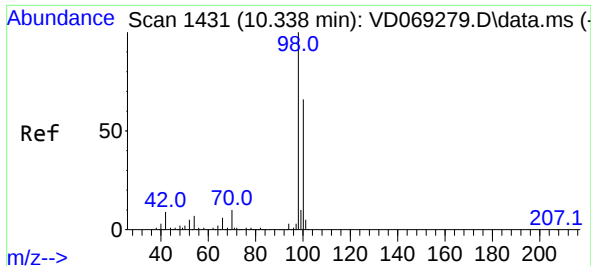
Tgt Ion:113 Resp: 198164
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.6
192 18.9 15.1 22.7



#40
Benzene
Concen: 1.478 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

Tgt Ion: 78 Resp: 22754
Ion Ratio Lower Upper
78 100
77 24.4 18.7 28.1

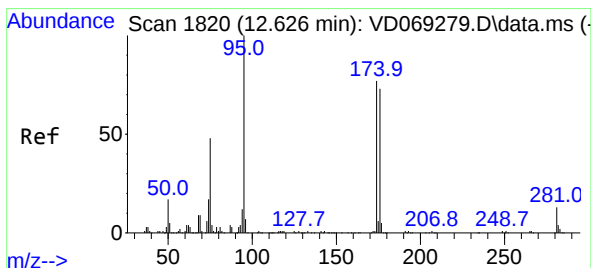
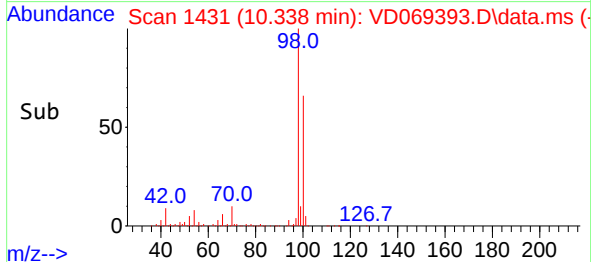
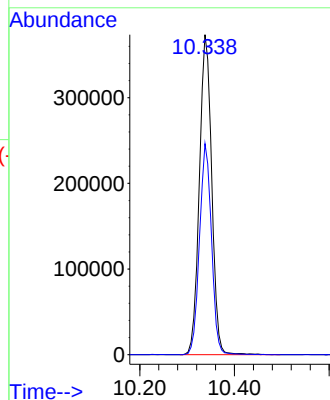
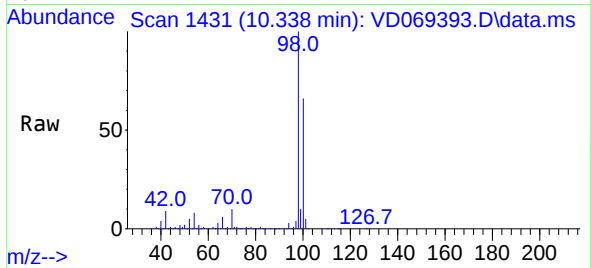




#50
Toluene-d8
Concen: 54.260 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

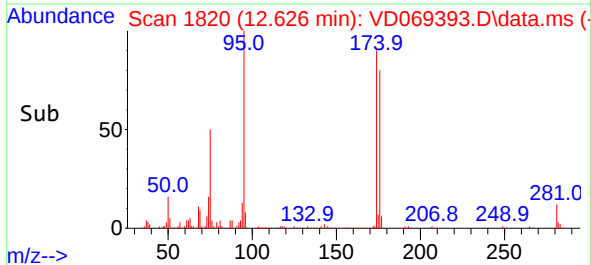
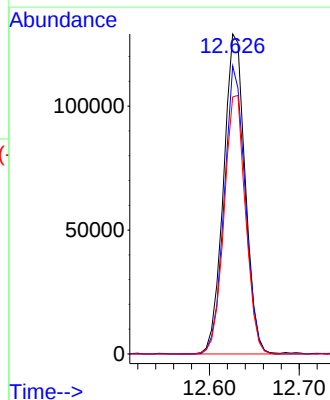
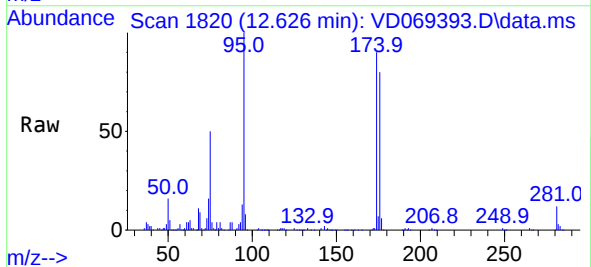
Instrument :
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R44-STONE-2

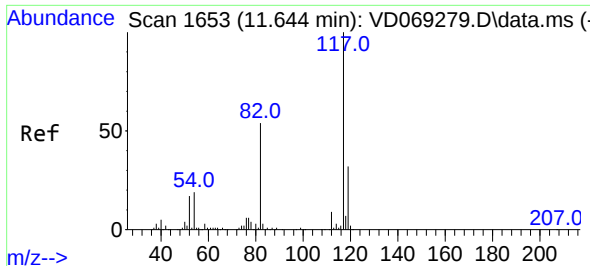
Tgt Ion: 98 Resp: 675492
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 53.078 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

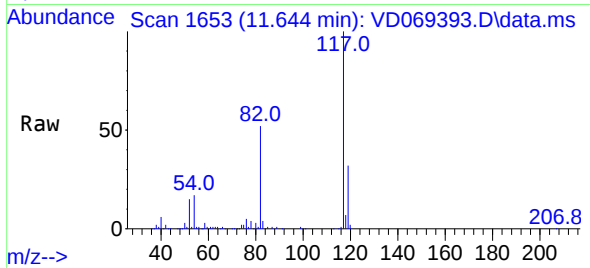
Tgt Ion: 95 Resp: 216517
Ion Ratio Lower Upper
95 100
174 87.1 0.0 162.8
176 80.1 0.0 154.4



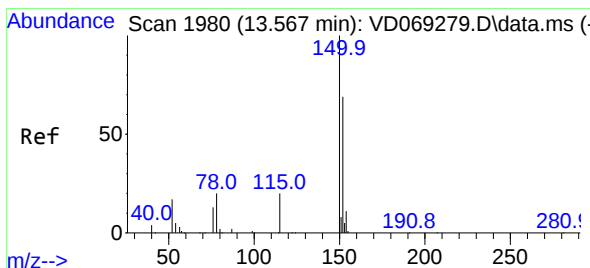
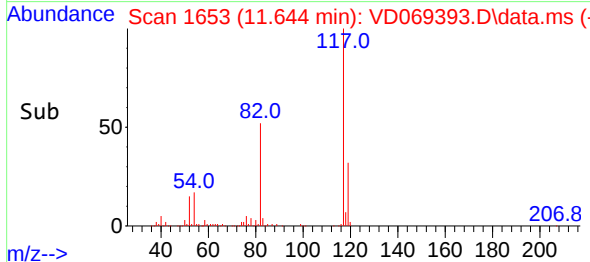
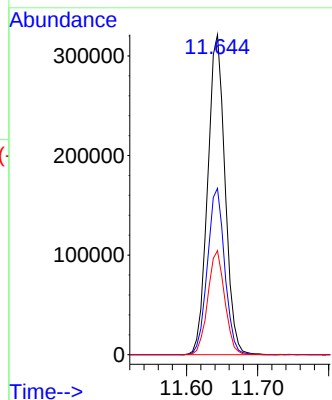


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

Instrument :
MSVOA_D
ClientSampleId :
R44-STONE-2

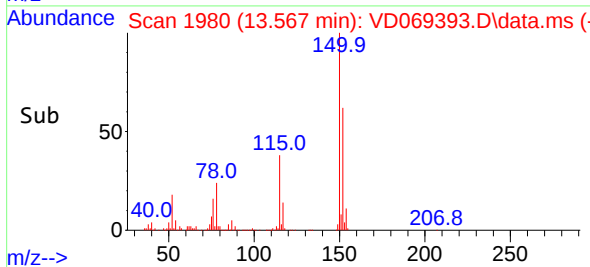
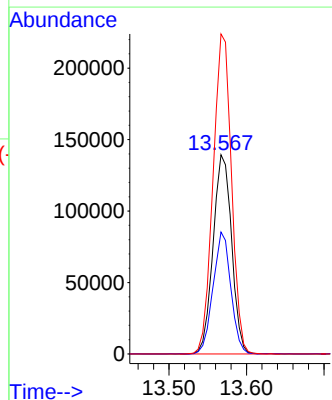
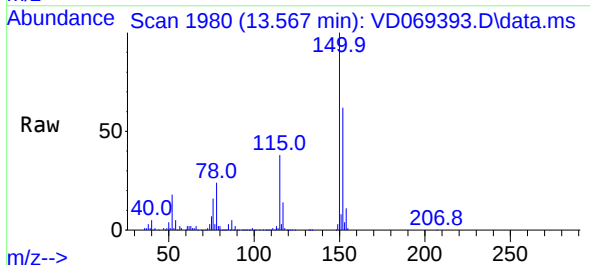


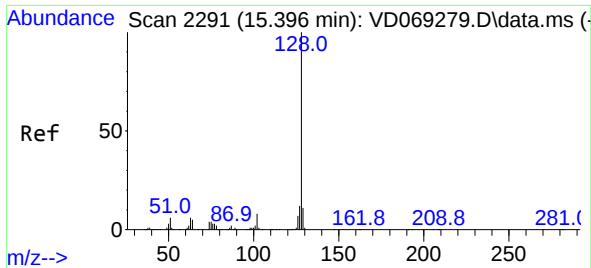
Tgt Ion:	117	Resp:	545084
Ion Ratio	100	Lower	Upper
82	52.0	43.3	64.9
119	32.5	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

Tgt Ion:	152	Resp:	231754
Ion Ratio	100	Lower	Upper
115	58.6	29.4	88.3
150	159.4	0.0	355.0





#95
Naphthalene
Concen: 15.032 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069393.D
Acq: 08 Jun 2021 17:12

Instrument :
MSVOA_D
ClientSampleId :
R44-STONE-2

Tgt Ion:	128	Resp:	99329
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	12.5	8.8	13.2

