

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069392.D
 Acq On : 08 Jun 2021 16:15
 Operator : VA/SY
 Sample : M2634-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R44-STONE-1

Quant Time: Jun 09 02:10:01 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)

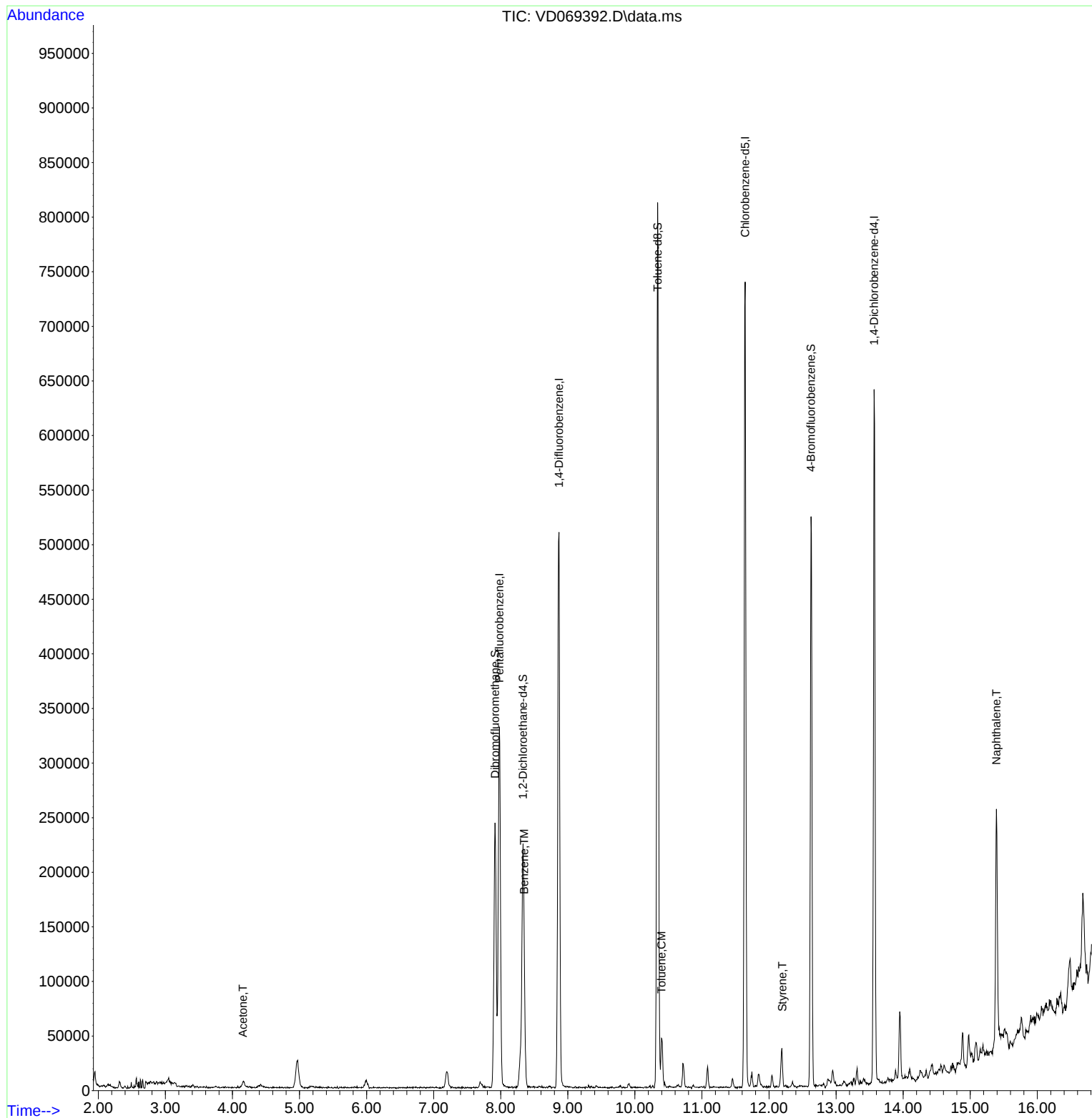
Internal Standards						
1) Pentafluorobenzene	7.979	168	248316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	463695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	453781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	177954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	159561	66.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.940%
35) Dibromofluoromethane	7.914	113	174695	59.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.980%
50) Toluene-d8	10.338	98	577874	54.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.140%
62) 4-Bromofluorobenzene	12.626	95	167912	48.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.780%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	10347	24.885	ug/l #	79
40) Benzene	8.350	78	50458	3.855	ug/l	100
52) Toluene	10.397	92	19054	2.306	ug/l	98
70) Styrene	12.197	104	16856	1.759	ug/l	93
95) Naphthalene	15.391	128	203169	34.549	ug/l	98

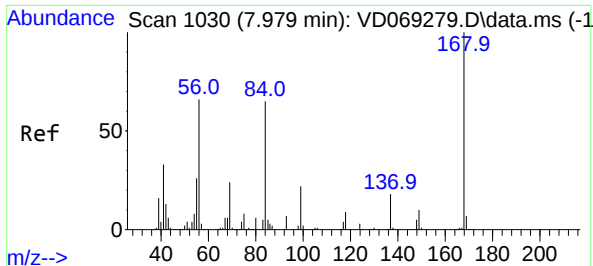
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

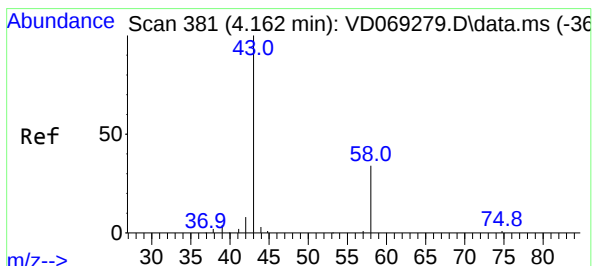
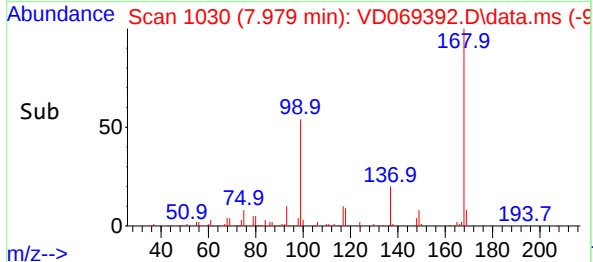
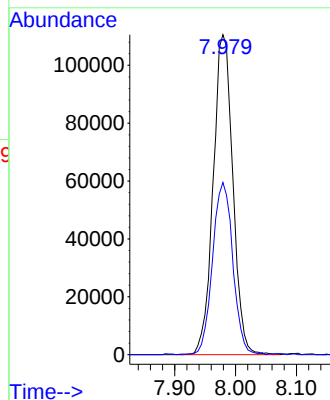
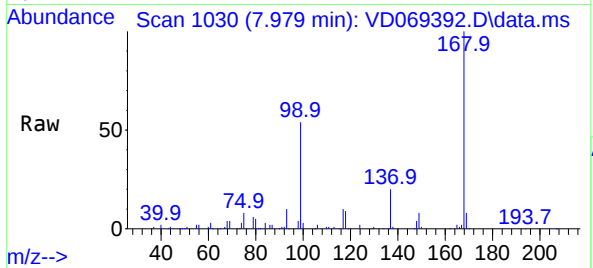




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

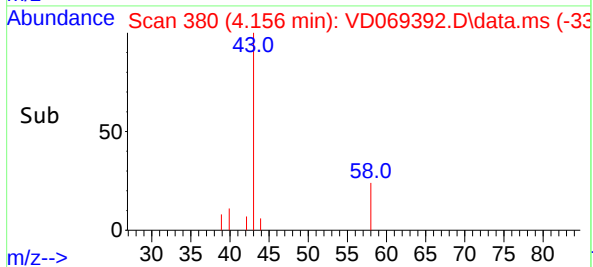
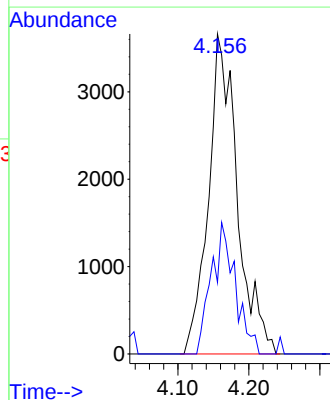
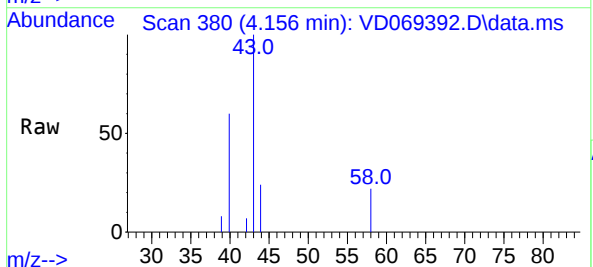
Instrument :
MSVOA_D
ClientSampleId :
R44-STONE-1

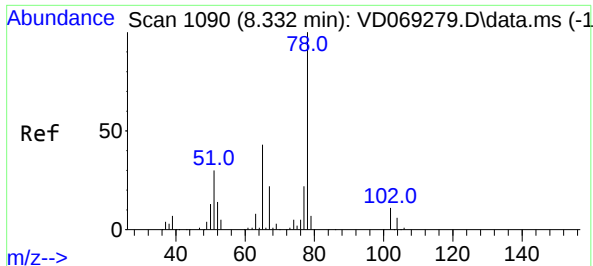
Tgt Ion:168 Resp: 248316
Ion Ratio Lower Upper
168 100
99 53.6 46.2 69.2



#16
Acetone
Concen: 24.885 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

Tgt Ion: 43 Resp: 10347
Ion Ratio Lower Upper
43 100
58 22.4 27.5 41.3#

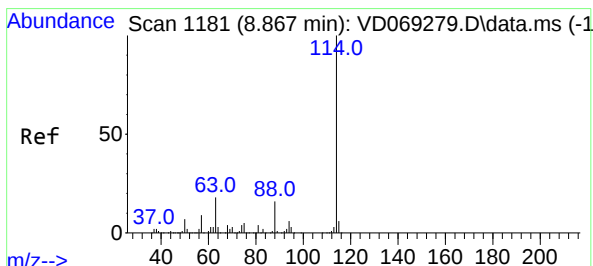
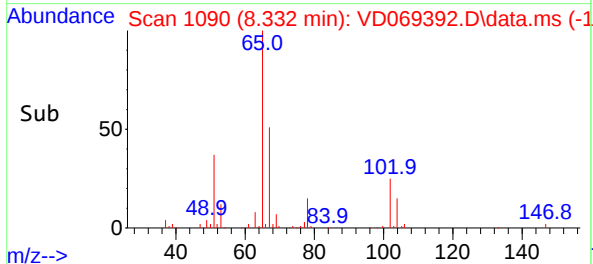
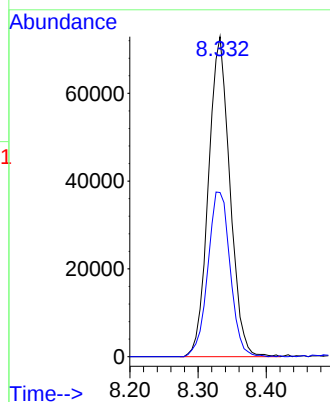
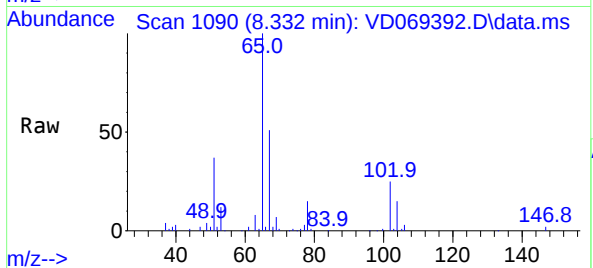




#33
1,2-Dichloroethane-d4
Concen: 66.968 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

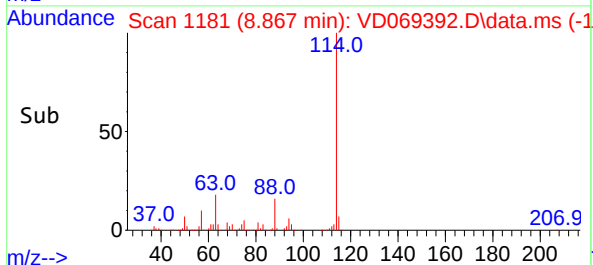
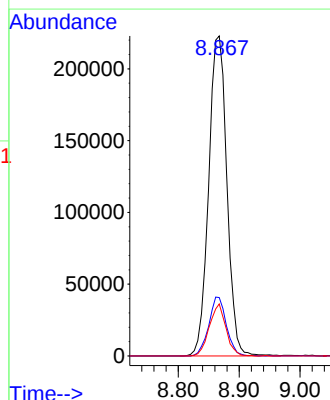
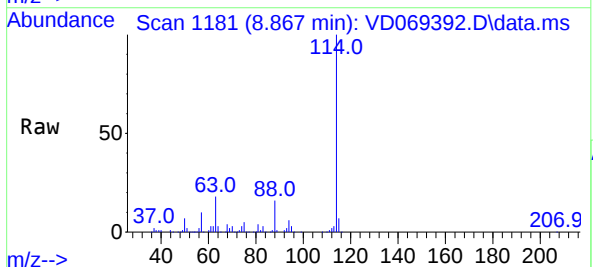
Instrument :
MSVOA_D
ClientSampleId :
R44-STONE-1

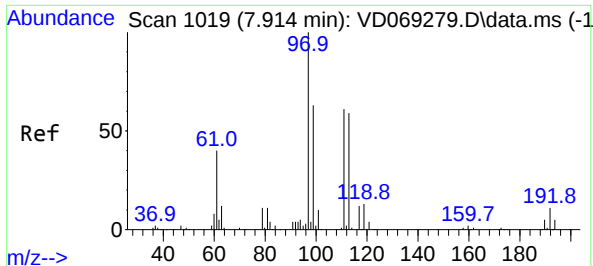
Tgt Ion: 65 Resp: 159561
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

Tgt Ion: 114 Resp: 463695
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.6
88 16.3 0.0 31.2

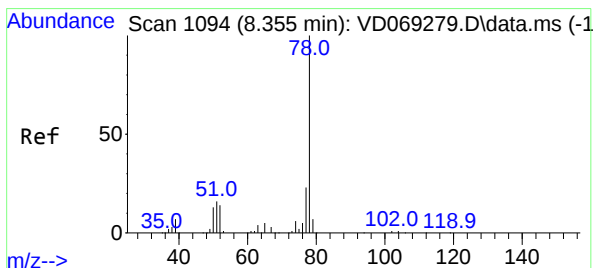
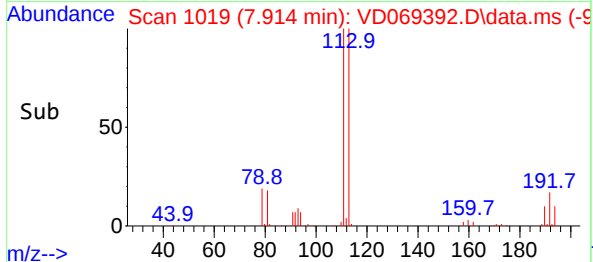
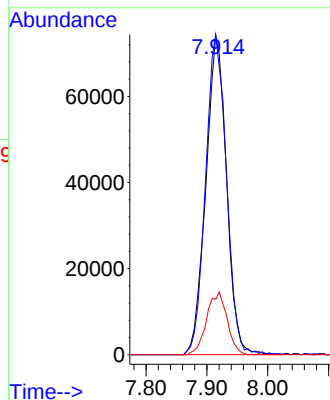
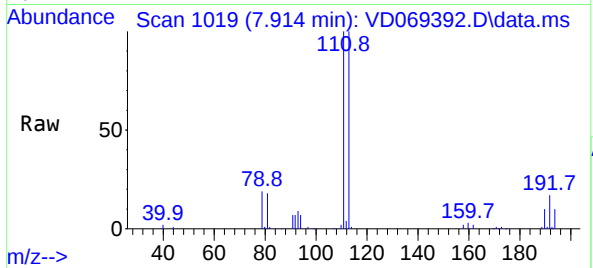




#35
Dibromofluoromethane
Concen: 59.994 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

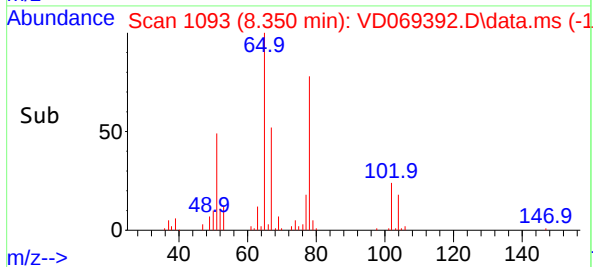
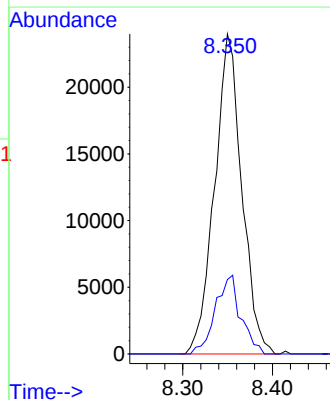
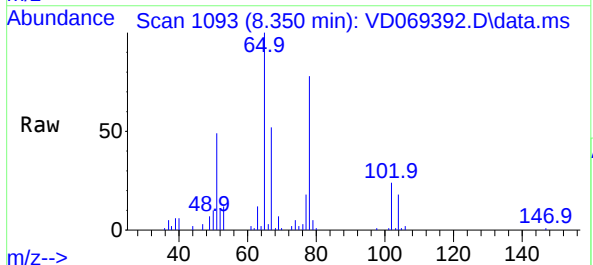
Instrument :
MSVOA_D
ClientSampleId :
R44-STONE-1

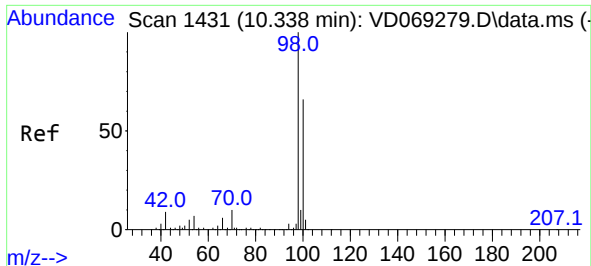
Tgt Ion:113 Resp: 174695
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 19.5 15.1 22.7



#40
Benzene
Concen: 3.855 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

Tgt Ion: 78 Resp: 50458
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

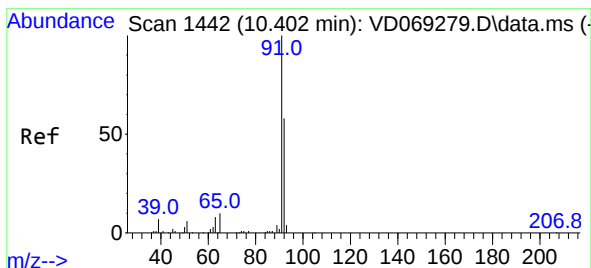
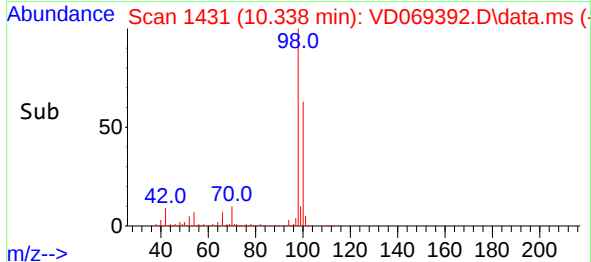
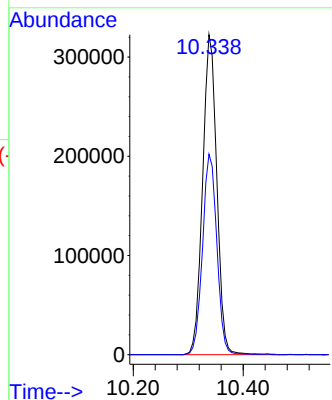
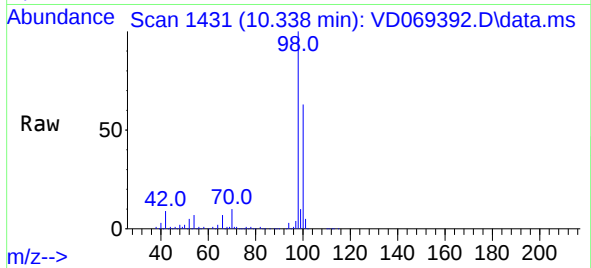




#50
Toluene-d8
Concen: 54.574 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

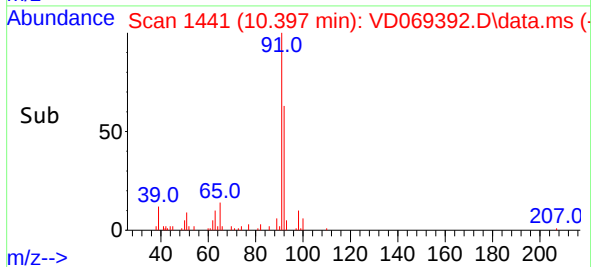
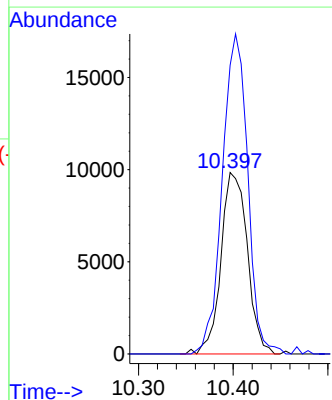
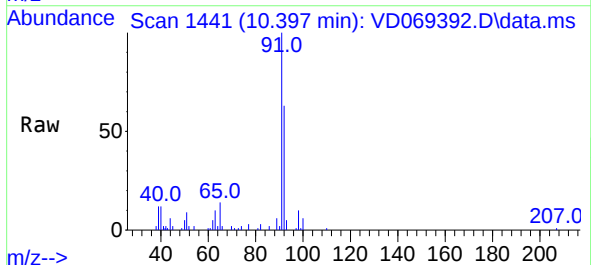
Instrument :
MSVOA_D
ClientSampleId :
R44-STONE-1

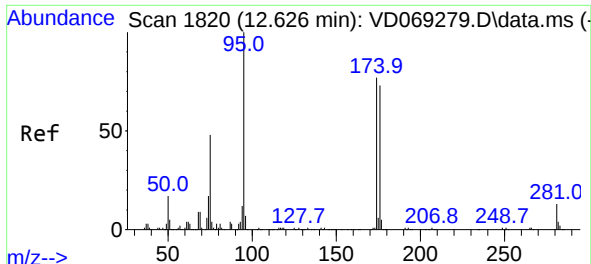
Tgt Ion: 98 Resp: 577874
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



#52
Toluene
Concen: 2.306 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

Tgt Ion: 92 Resp: 19054
Ion Ratio Lower Upper
92 100
91 169.8 138.4 207.6



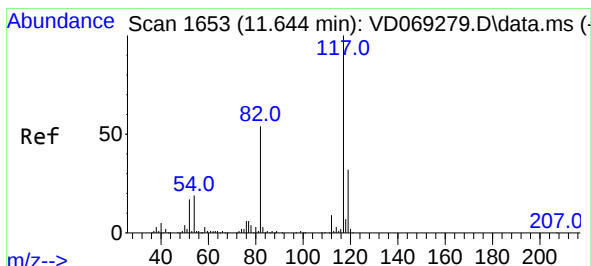
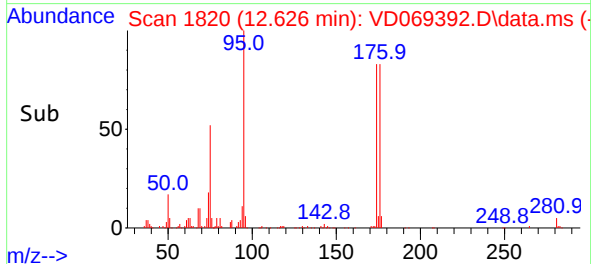
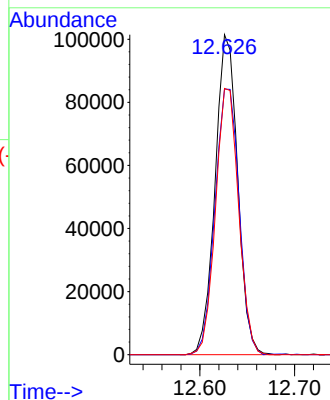
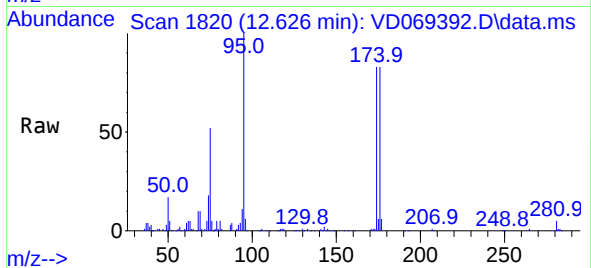


#62
4-Bromofluorobenzene
Concen: 48.395 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

Instrument :
MSVOA_D
ClientSampleId :
R44-STONE-1

Tgt Ion: 95 Resp: 167912

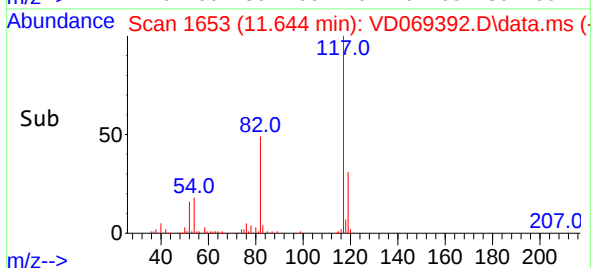
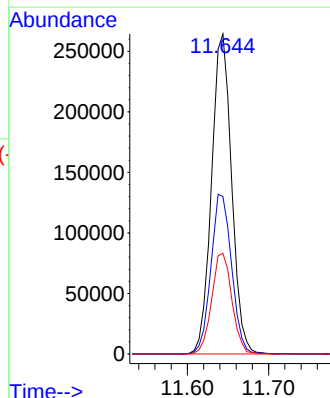
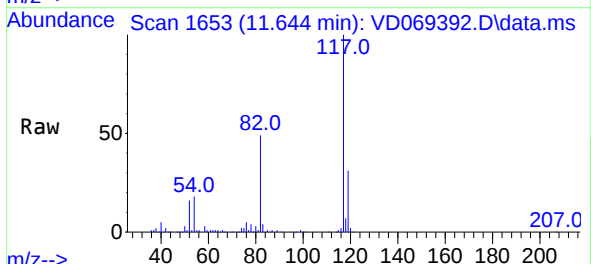
Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	162.8
176	85.3	0.0	154.4

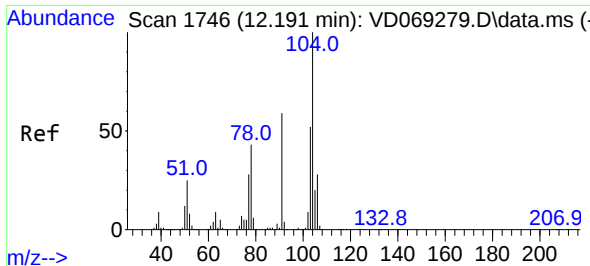


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

Tgt Ion: 117 Resp: 453781

Ion	Ratio	Lower	Upper
117	100		
82	49.2	43.3	64.9
119	31.4	25.3	37.9

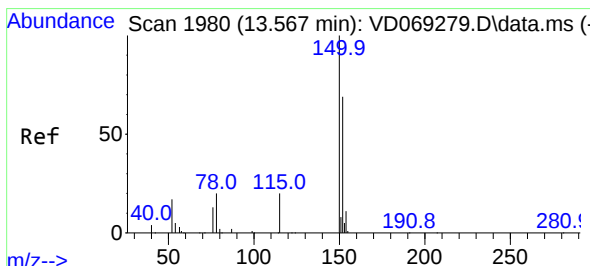
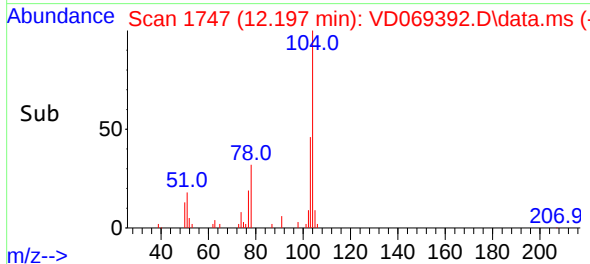
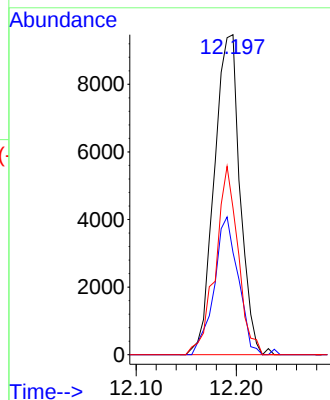
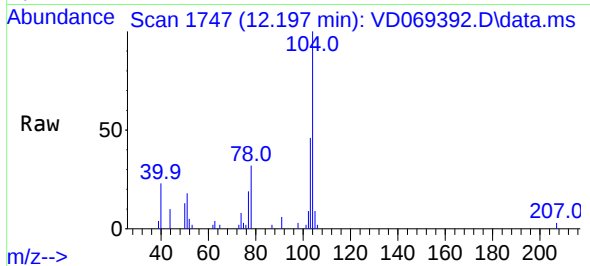




#70
Styrene
Concen: 1.759 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

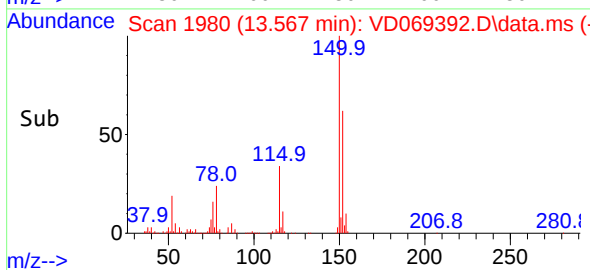
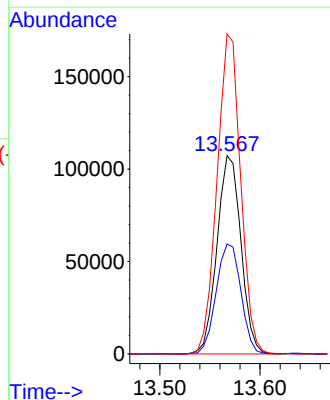
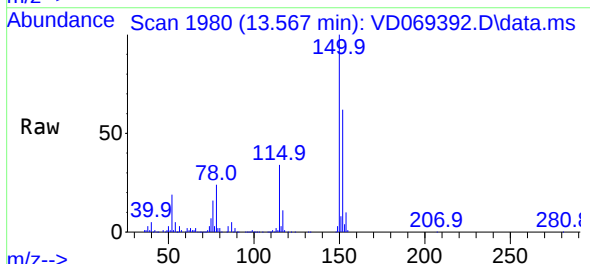
Instrument :
MSVOA_D
ClientSampleId :
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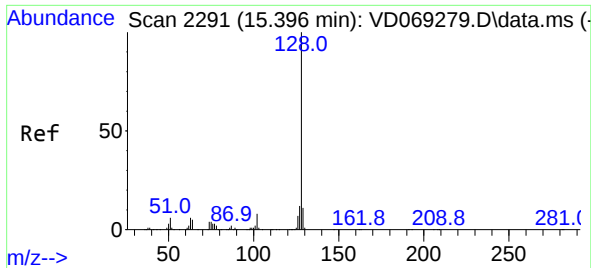
Tgt Ion:	104	Resp:	16856
Ion	Ratio	Lower	Upper
104	100		
78	40.1	37.5	56.3
103	51.8	44.3	66.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

Tgt Ion:	152	Resp:	177954
Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.4	88.3
150	158.9	0.0	355.0





#95
Naphthalene
Concen: 34.549 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. -0.005 min
Lab File: VD069392.D
Acq: 08 Jun 2021 16:15

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:128 Resp: 203169
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.6 8.8 13.2

