

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069322.D
 Acq On : 03 Jun 2021 13:53
 Operator : VA/SY
 Sample : M2580-16
 Misc : 8.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B6(0-6)

Quant Time: Jun 04 03:01:11 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)

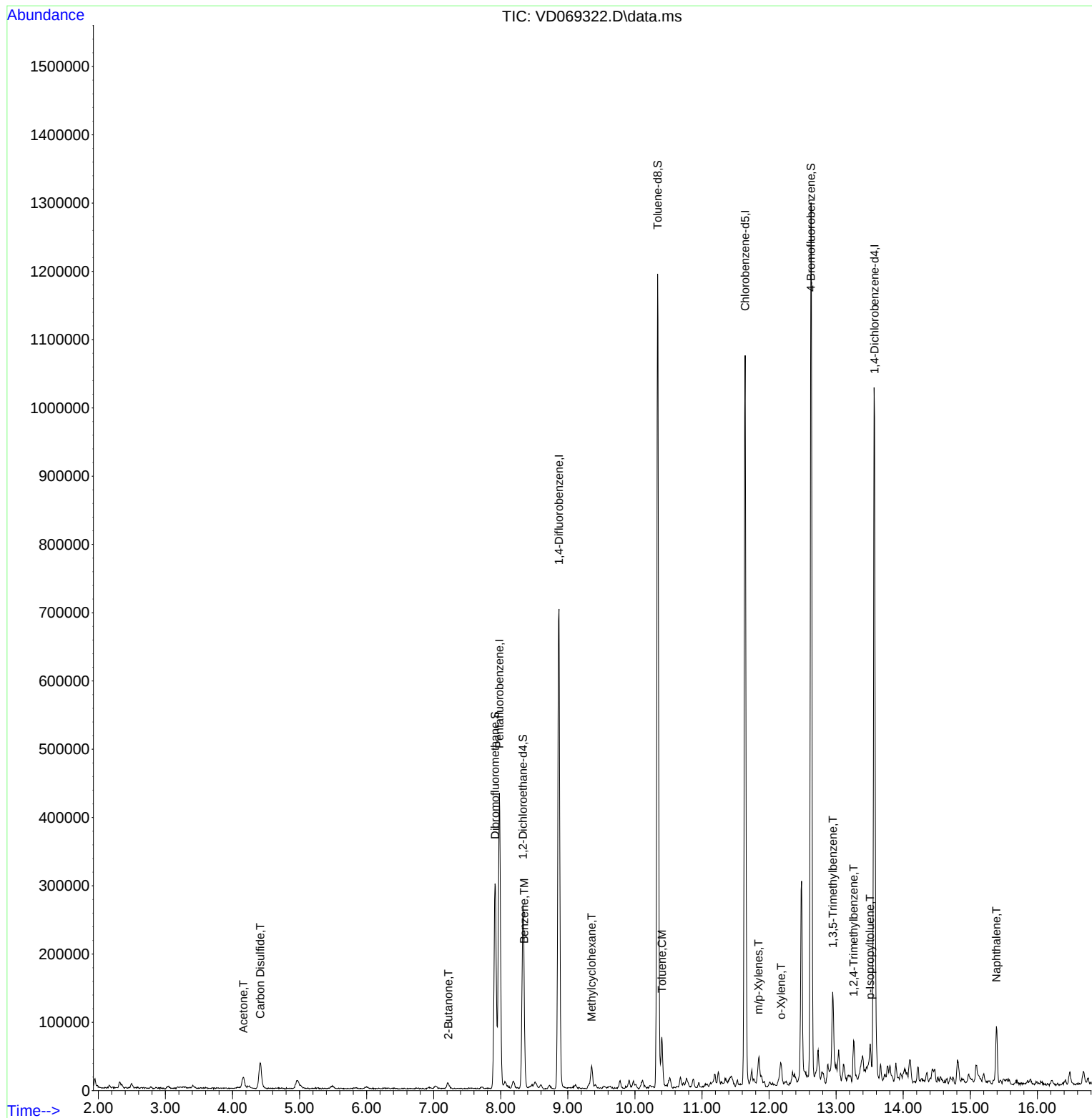
Internal Standards						
1) Pentafluorobenzene	7.979	168	310893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	629142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	649139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	286488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	208571	69.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.840%	
35) Dibromofluoromethane	7.914	113	217907	55.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.300%	
50) Toluene-d8	10.338	98	810083	56.386	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.780%	
62) 4-Bromofluorobenzene	12.626	95	290969	61.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.620%	
Target Compounds						
						Qvalue
16) Acetone	4.162	43	29377	56.432	ug/l	94
17) Carbon Disulfide	4.414	76	82126	7.965	ug/l	98
25) 2-Butanone	7.220	43	9147	13.353	ug/l	100
39) Methylcyclohexane	9.355	83	12653	2.023	ug/l	86
40) Benzene	8.350	78	22173	1.248	ug/l	92
52) Toluene	10.402	92	29528	2.634	ug/l	97
68) m/p-Xylenes	11.843	106	12174	1.363	ug/l	97
69) o-Xylene	12.179	106	9077	1.149	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	22512	1.356	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	36030	2.182	ug/l	98
86) p-Isopropyltoluene	13.508	119	19628	1.094	ug/l	88
95) Naphthalene	15.390	128	76432	10.604	ug/l	98

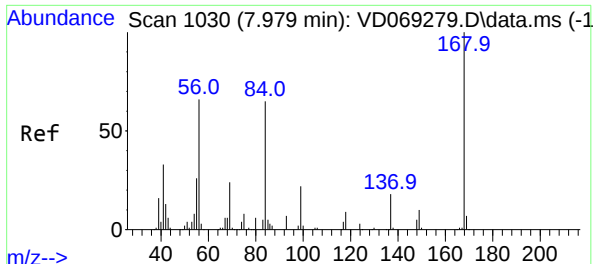
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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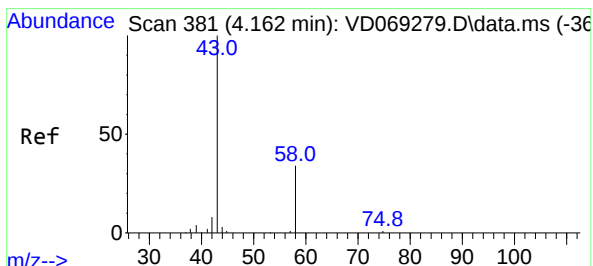
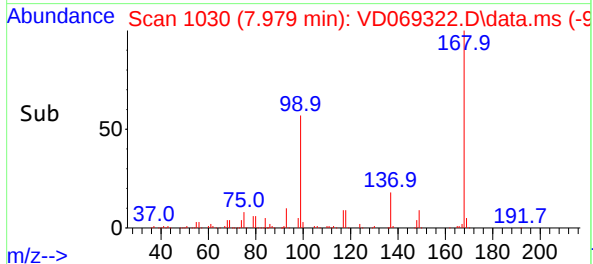
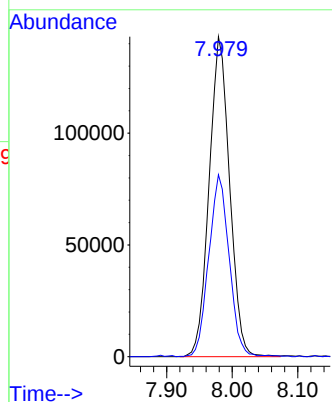
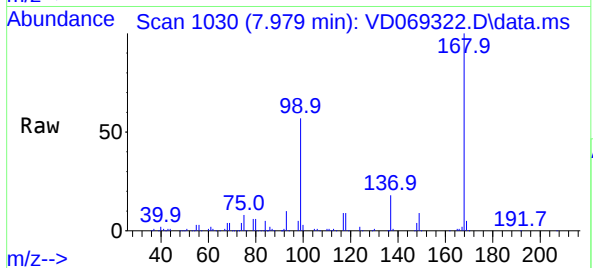




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

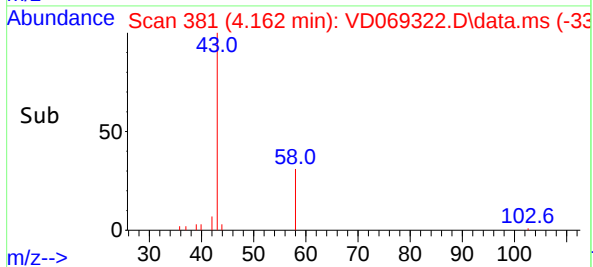
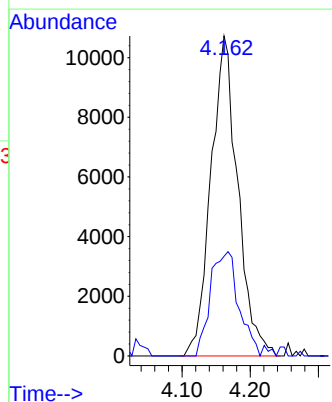
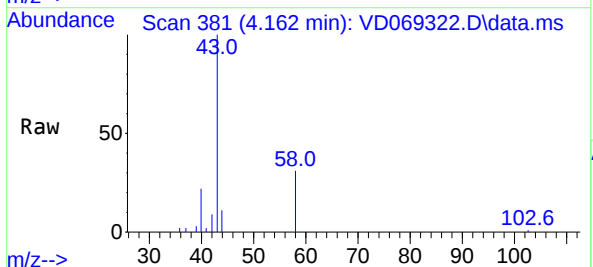
Instrument :
MSVOA_D
ClientSampleId :
18-B6(0-6)

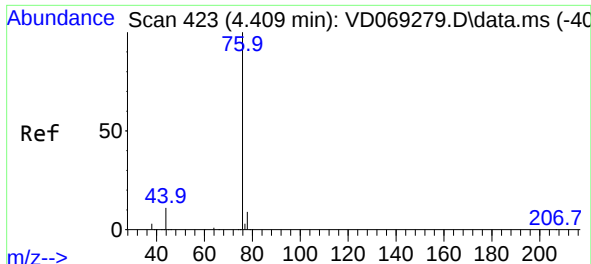
Tgt Ion:168 Resp: 310893
Ion Ratio Lower Upper
168 100
99 56.7 46.2 69.2



#16
Acetone
Concen: 56.432 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Tgt Ion: 43 Resp: 29377
Ion Ratio Lower Upper
43 100
58 31.2 27.5 41.3

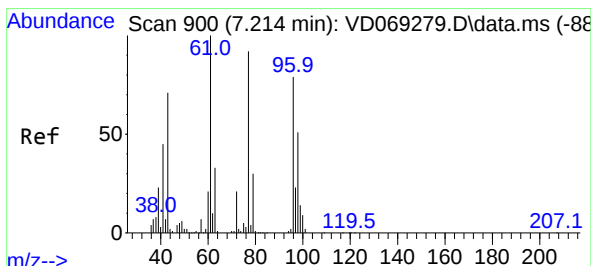
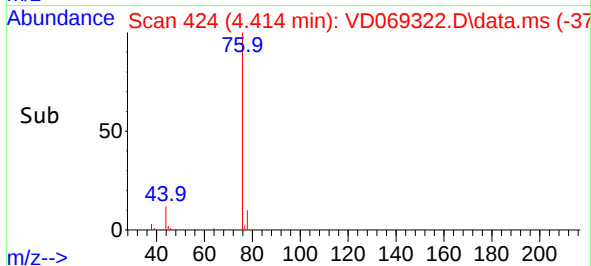
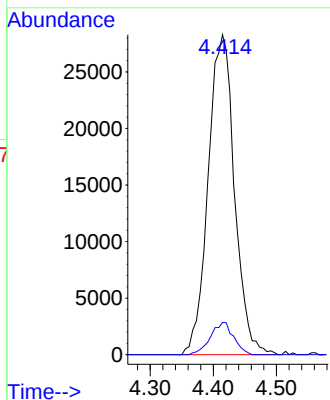
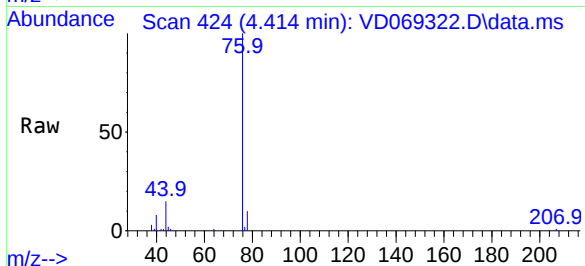




#17
Carbon Disulfide
Concen: 7.965 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

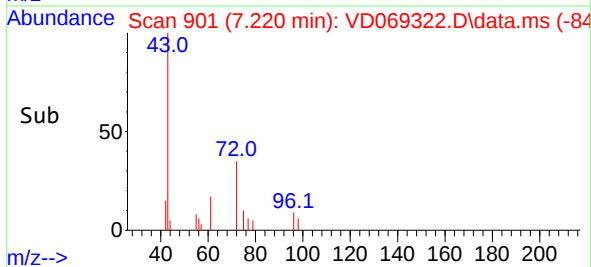
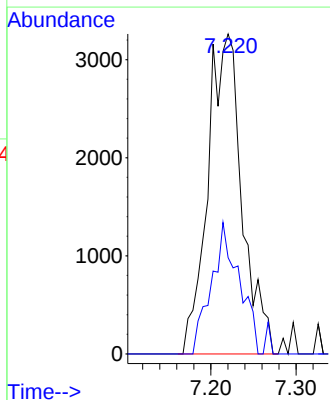
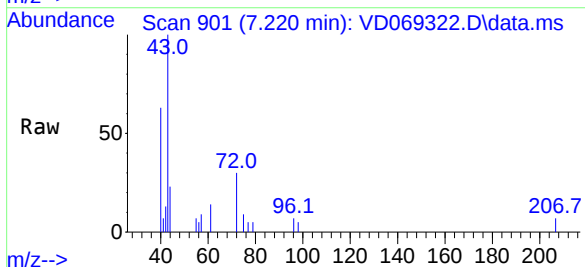
Instrument :
MSVOA_D
ClientSampleId :
18-B6(0-6)

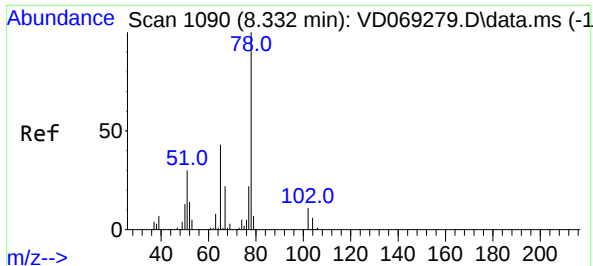
Tgt Ion: 76 Resp: 82126
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#25
2-Butanone
Concen: 13.353 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Tgt Ion: 43 Resp: 9147
Ion Ratio Lower Upper
43 100
72 30.1 23.9 35.9

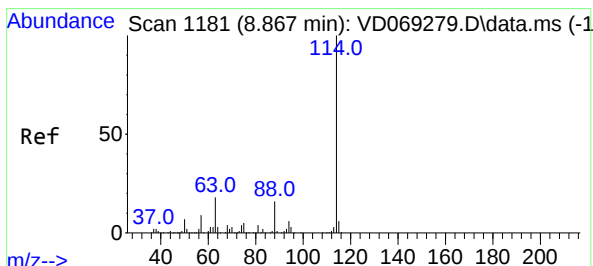
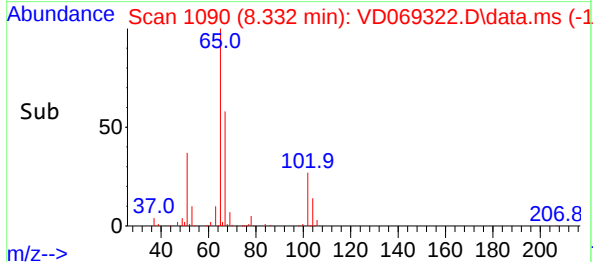
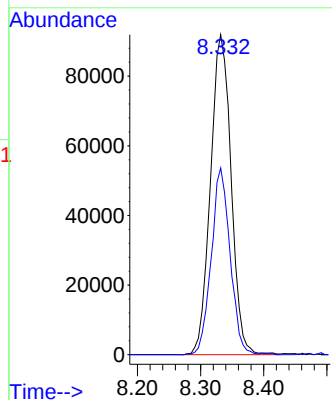
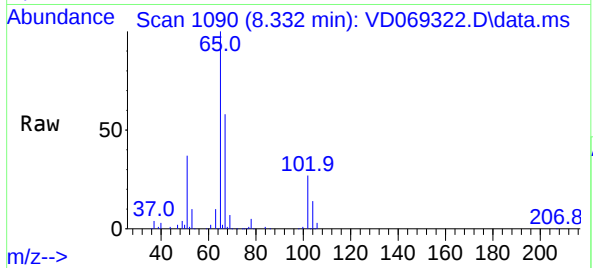




#33
1,2-Dichloroethane-d4
Concen: 69.918 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

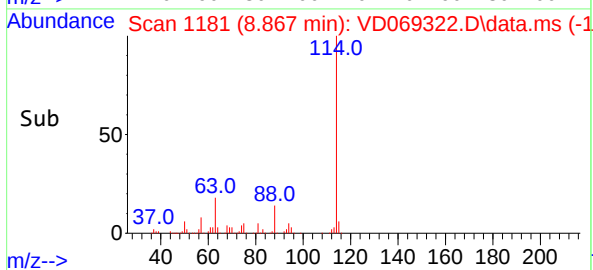
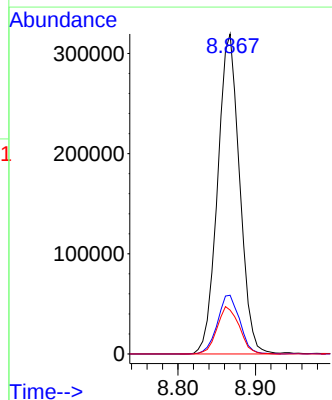
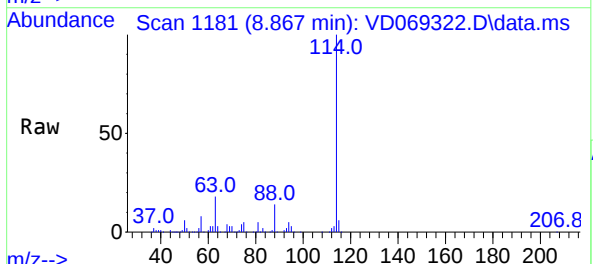
Instrument :
MSVOA_D
ClientSampleId :
18-B6(0-6)

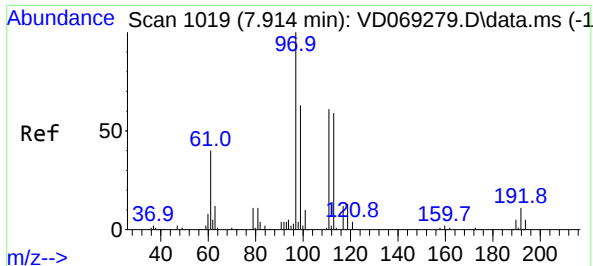
Tgt Ion: 65 Resp: 208571
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Tgt Ion: 114 Resp: 629142
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.6
88 13.7 0.0 31.2

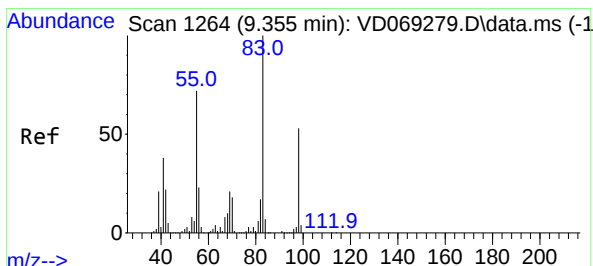
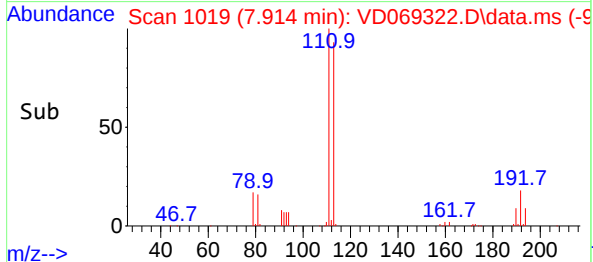
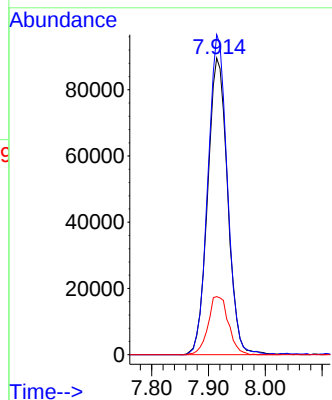
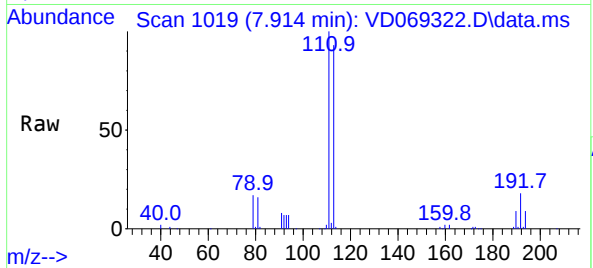




#35
Dibromofluoromethane
Concen: 55.154 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

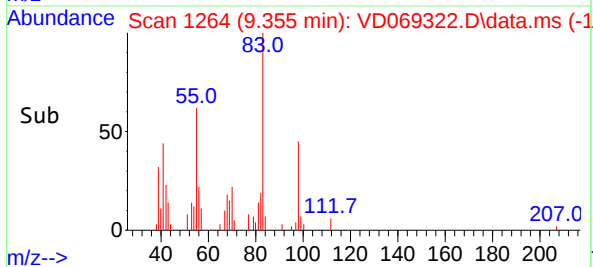
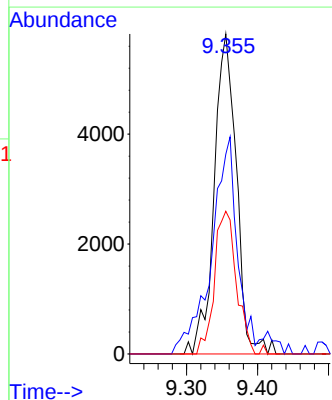
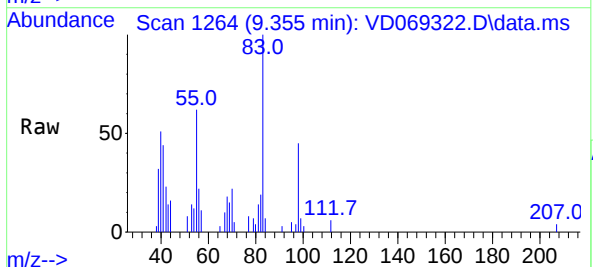
Instrument :
MSVOA_D
ClientSampleId :
18-B6(0-6)

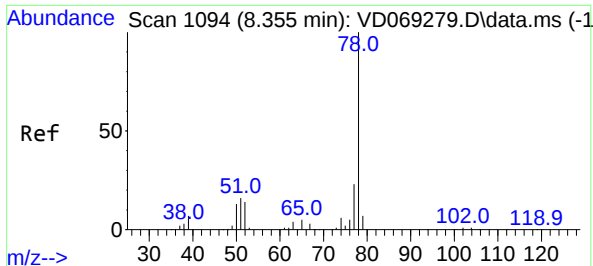
Tgt Ion:113 Resp: 217907
Ion Ratio Lower Upper
113 100
111 104.7 83.0 124.6
192 20.0 15.1 22.7



#39
Methylcyclohexane
Concen: 2.023 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Tgt Ion: 83 Resp: 12653
Ion Ratio Lower Upper
83 100
55 58.6 57.4 86.2
98 44.6 42.2 63.2

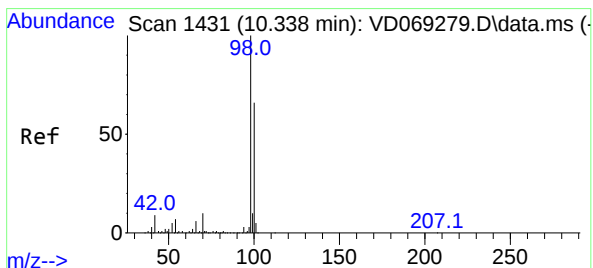
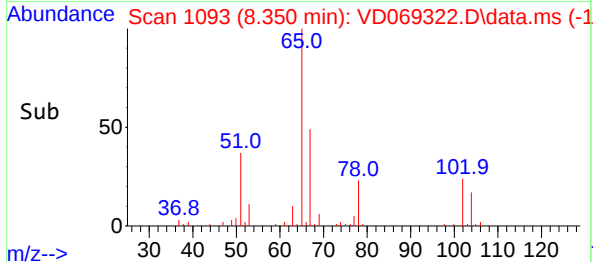
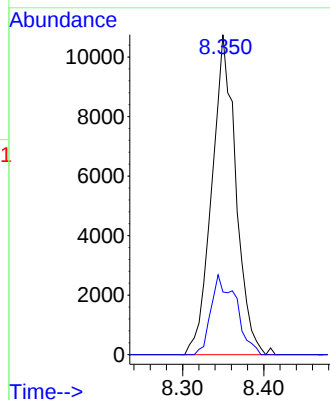
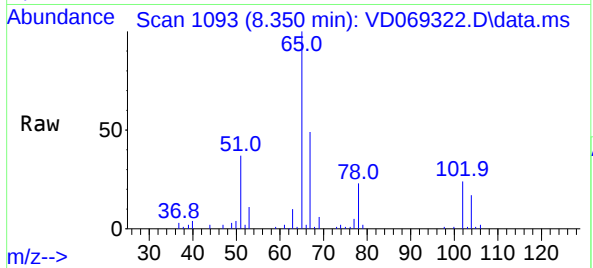




#40
Benzene
Concen: 1.248 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

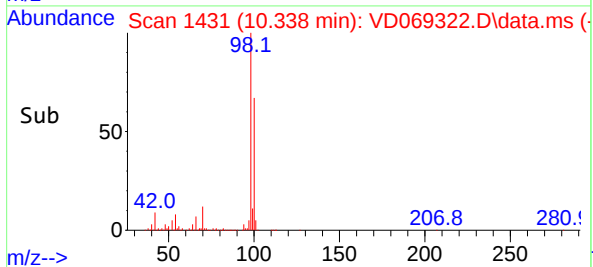
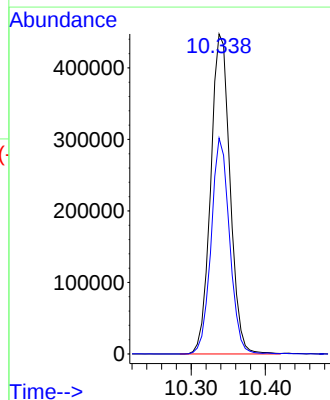
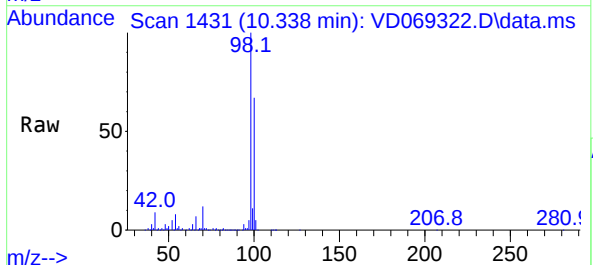
Instrument :
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ClientSampleId :
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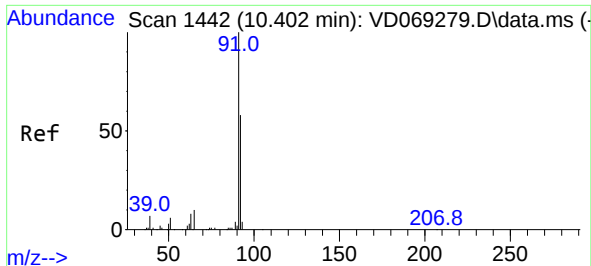
Tgt Ion: 78 Resp: 22173
Ion Ratio Lower Upper
78 100
77 19.6 18.7 28.1



#50
Toluene-d8
Concen: 56.386 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Tgt Ion: 98 Resp: 810083
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

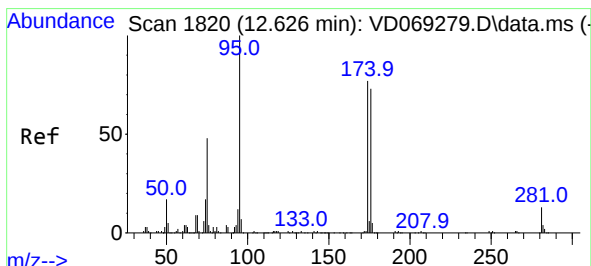
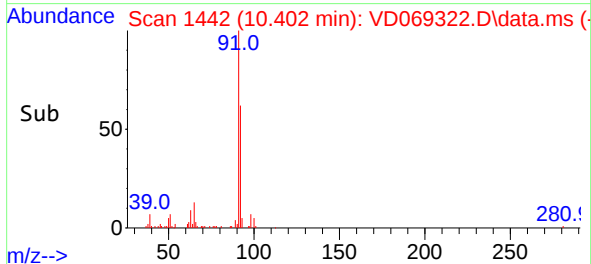
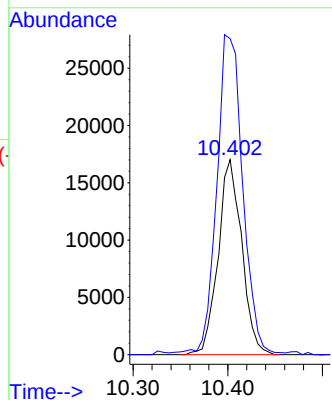
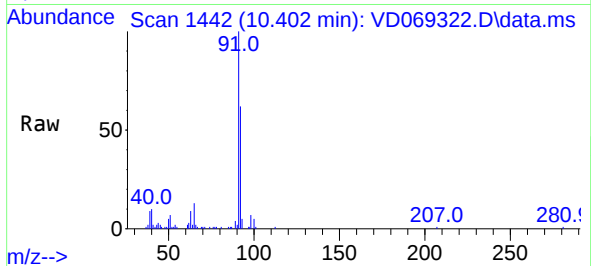




#52
Toluene
Concen: 2.634 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

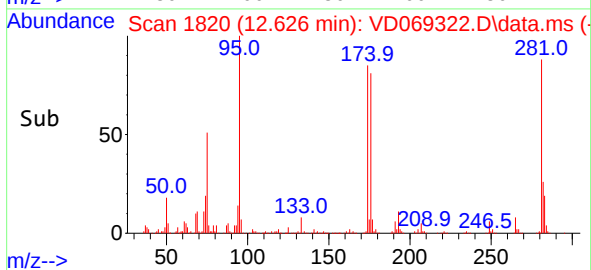
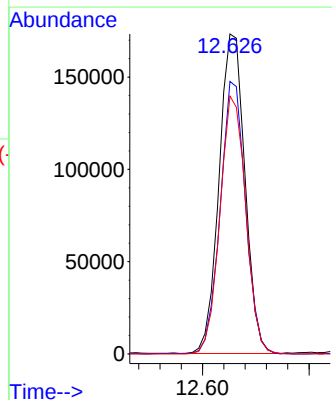
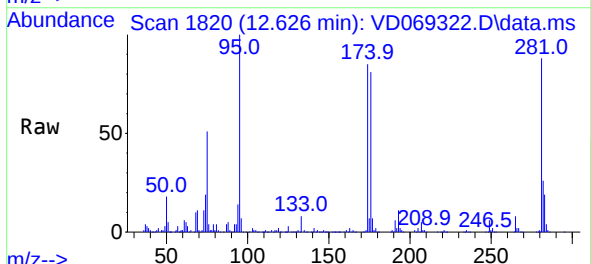
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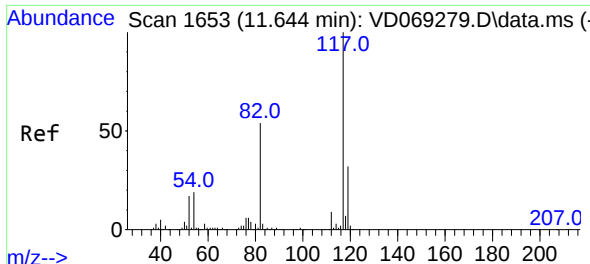
Tgt Ion: 92 Resp: 29528
Ion Ratio Lower Upper
92 100
91 177.0 138.4 207.6



#62
4-Bromofluorobenzene
Concen: 61.808 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Tgt Ion: 95 Resp: 290969
Ion Ratio Lower Upper
95 100
174 83.5 0.0 162.8
176 80.4 0.0 154.4

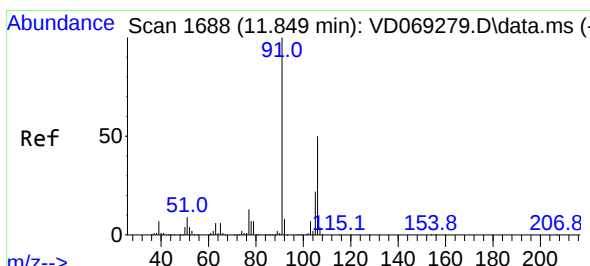
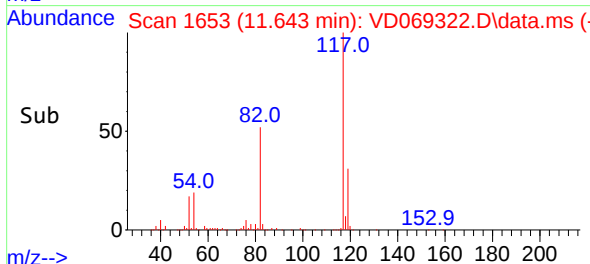
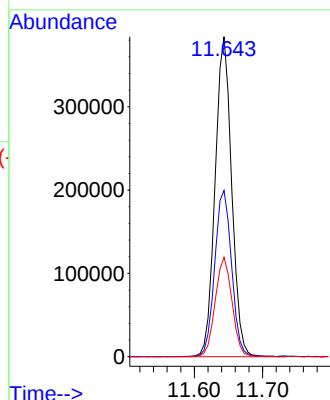
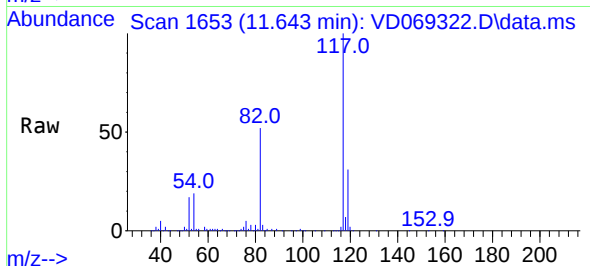




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

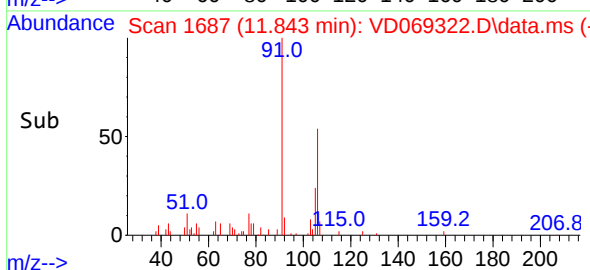
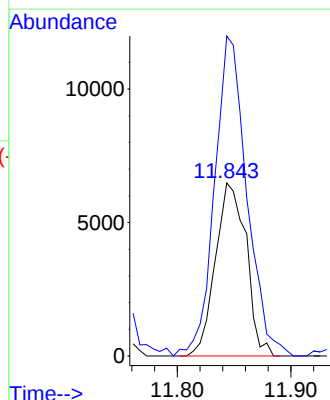
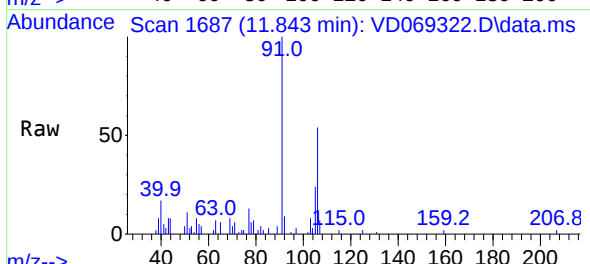
Instrument :
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18-B6(0-6)

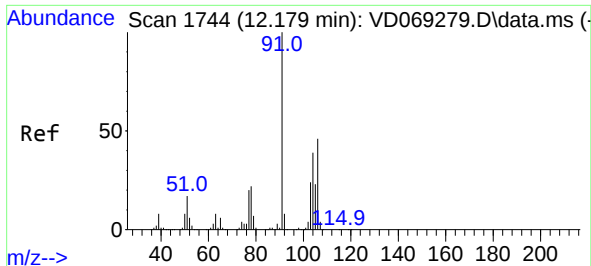
Tgt Ion:	117	Resp:	649139
Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.3	64.9
119	31.1	25.3	37.9



#68
m/p-Xylenes
Concen: 1.363 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Tgt Ion:	106	Resp:	12174
Ion	Ratio	Lower	Upper
106	100		
91	194.1	158.3	237.5

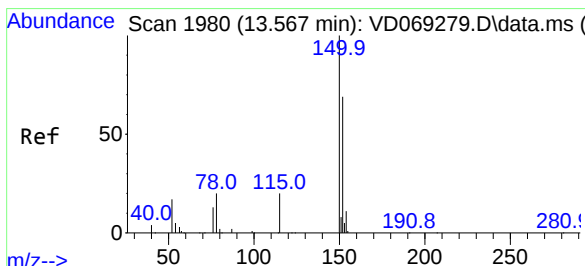
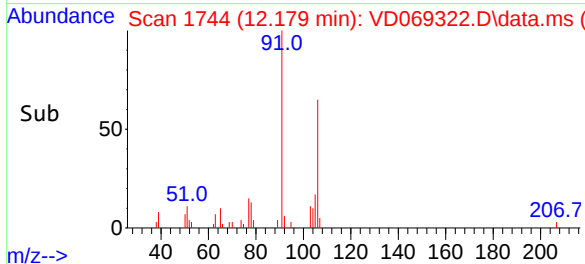
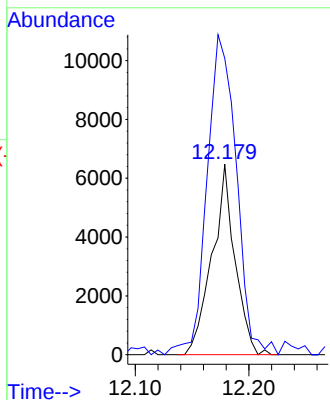
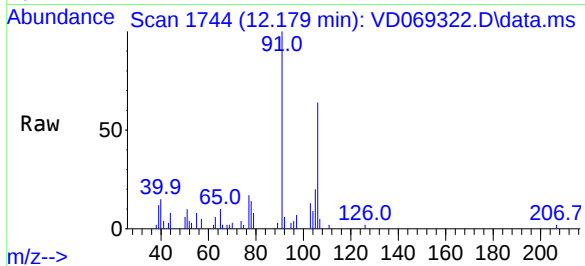




#69
o-Xylene
Concen: 1.149 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

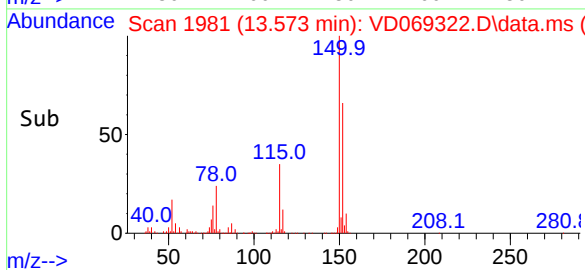
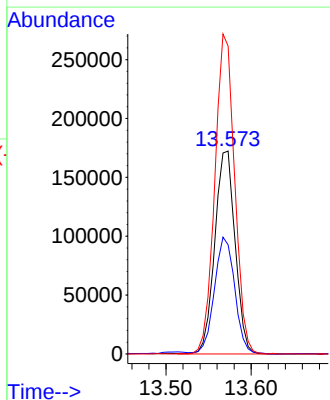
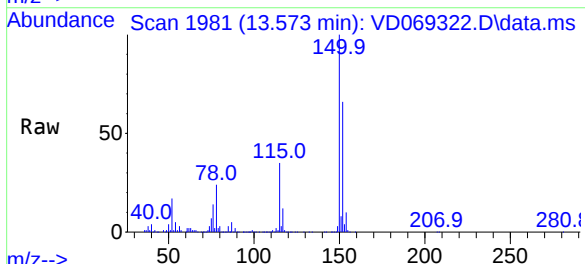
Instrument :
MSVOA_D
ClientSampleId :
18-B6(0-6)

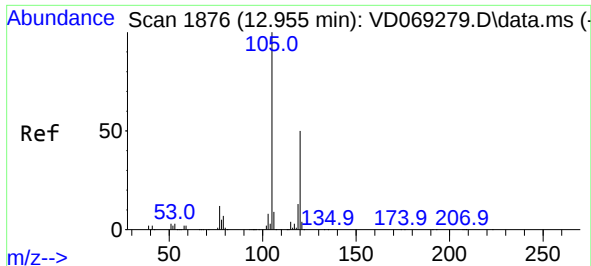
Tgt Ion:106 Resp: 9077
Ion Ratio Lower Upper
106 100
91 214.7 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Tgt Ion:152 Resp: 286488
Ion Ratio Lower Upper
152 100
115 57.7 29.4 88.3
150 153.4 0.0 355.0

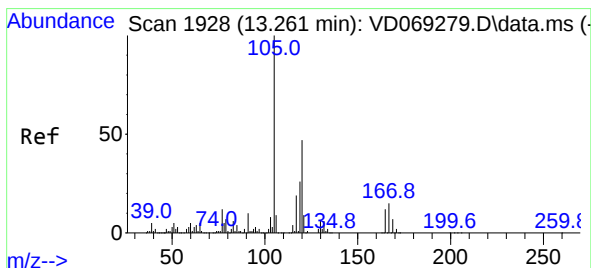
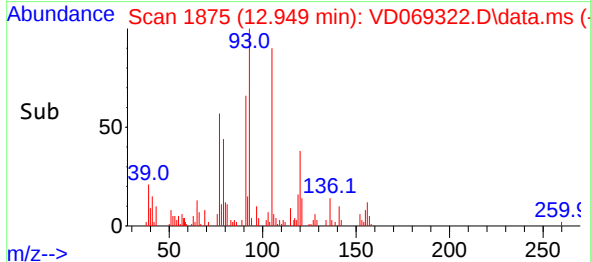
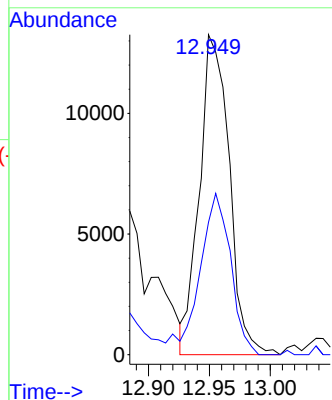
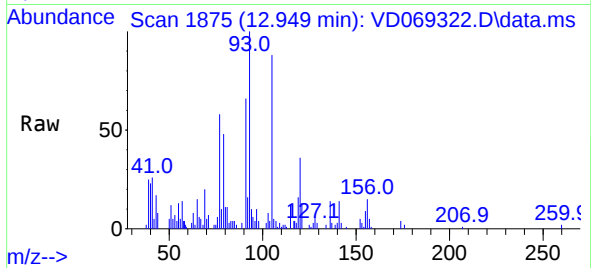




#80
1,3,5-Trimethylbenzene
Concen: 1.356 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

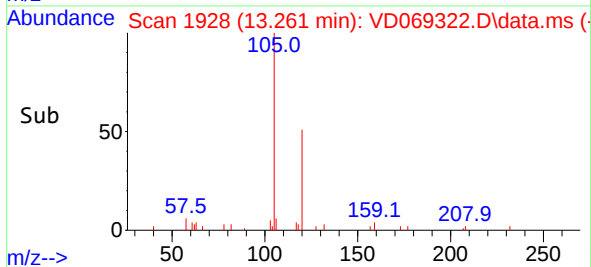
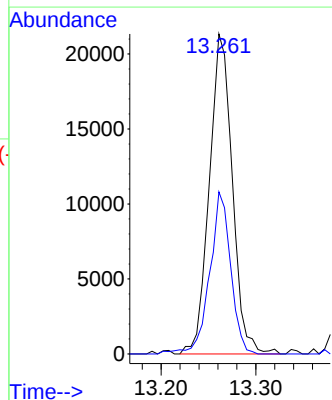
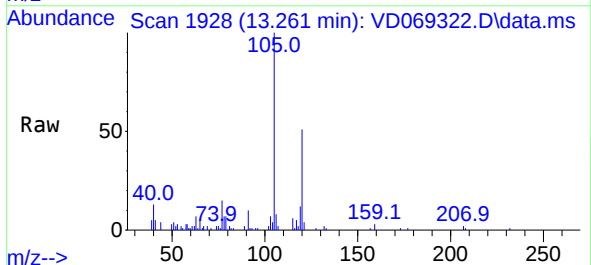
Instrument :
MSVOA_D
ClientSampleId :
18-B6(0-6)

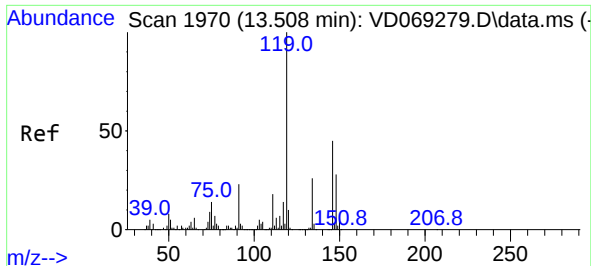
Tgt Ion:105 Resp: 22512
Ion Ratio Lower Upper
105 100
120 52.4 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 2.182 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Tgt Ion:105 Resp: 36030
Ion Ratio Lower Upper
105 100
120 46.2 22.6 67.8

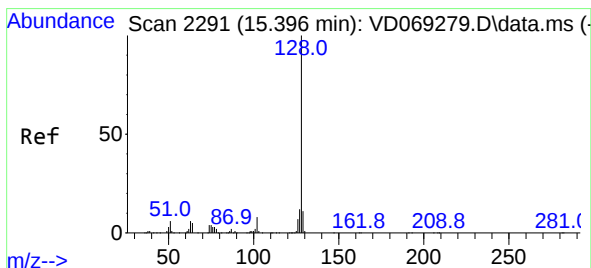
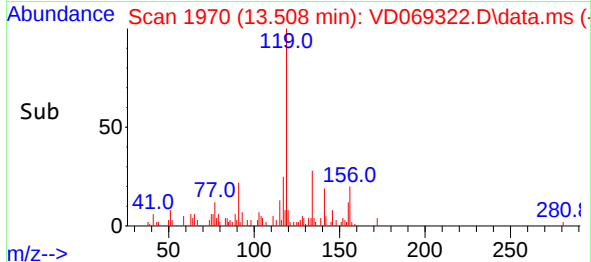
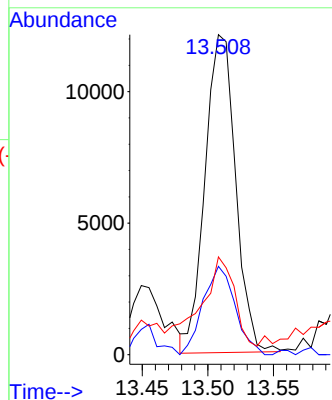
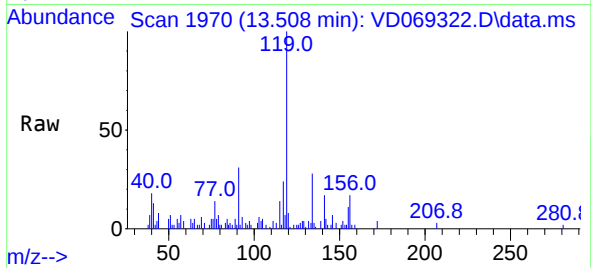




#86
p-Isopropyltoluene
Concen: 1.094 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Instrument :
MSVOA_D
ClientSampleId :
18-B6(0-6)

Tgt Ion:	119	Resp:	19628
Ion	Ratio	Lower	Upper
119	100		
134	29.2	13.0	39.0
91	31.8	11.3	33.8



#95
Naphthalene
Concen: 10.604 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069322.D
Acq: 03 Jun 2021 13:53

Tgt Ion:	128	Resp:	76432
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.8	8.8	13.2

