

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069309.D
 Acq On : 02 Jun 2021 18:51
 Operator : VA/SY
 Sample : M2580-09
 Misc : 5.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B3(4-6)

Quant Time: Jun 03 01:11:15 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)

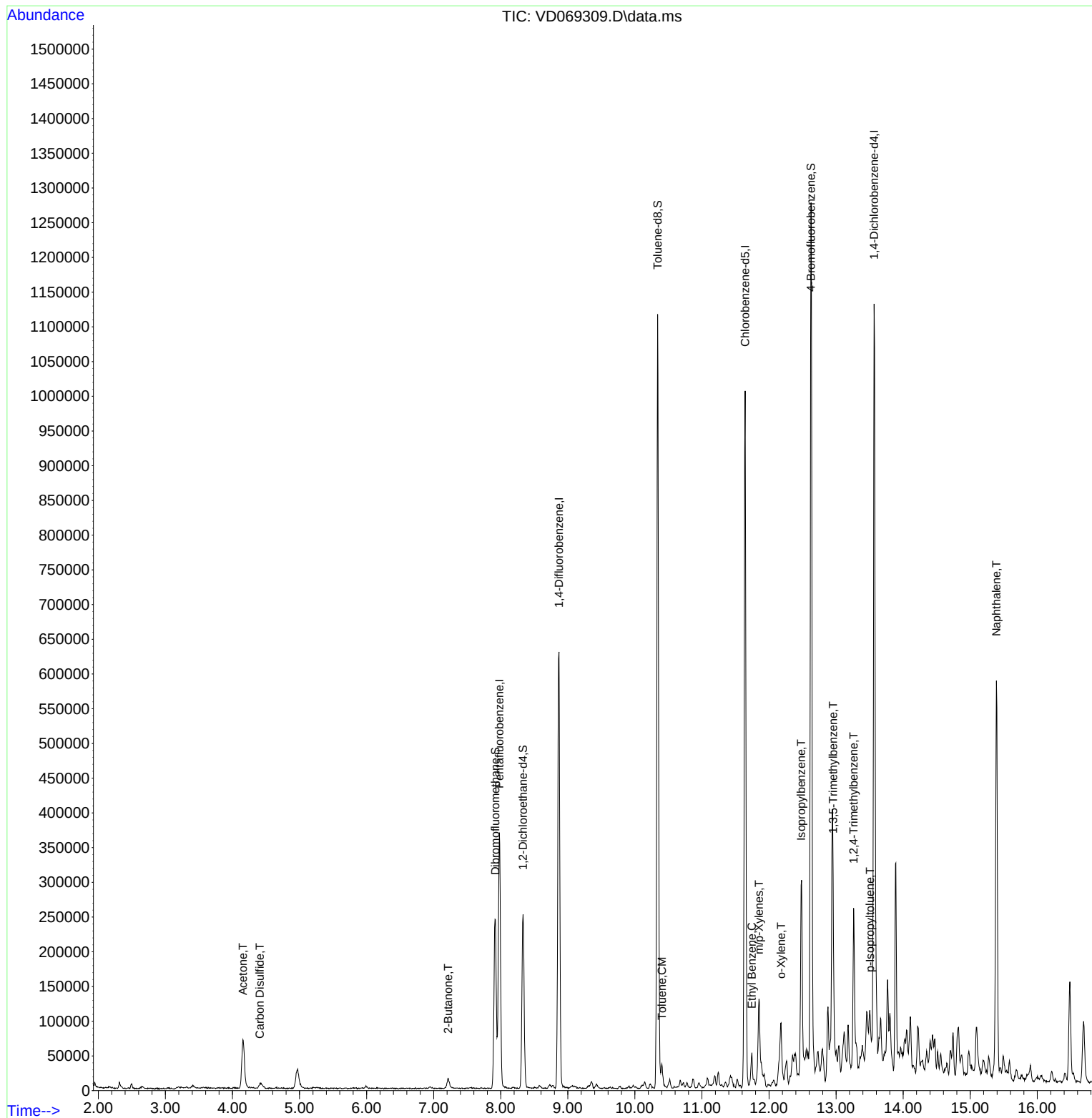
Internal Standards						
1) Pentafluorobenzene	7.979	168	271314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	573262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	612036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	297229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	204545	78.571	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.140%			
35) Dibromofluoromethane	7.920	113	187674	52.132	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.260%			
50) Toluene-d8	10.338	98	758298	57.926	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.860%			
62) 4-Bromofluorobenzene	12.626	95	290167	67.646	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 135.300%			
Target Compounds						
16) Acetone	4.156	43	122939	270.612	ug/l	98
17) Carbon Disulfide	4.409	76	11473	1.275	ug/l #	85
25) 2-Butanone	7.214	43	18944	31.690	ug/l	93
52) Toluene	10.402	92	12079	1.183	ug/l	86
67) Ethyl Benzene	11.744	91	28523	1.327	ug/l	97
68) m/p-Xylenes	11.849	106	25726	3.055	ug/l	97
69) o-Xylene	12.179	106	19586	2.630	ug/l	92
73) Isopropylbenzene	12.479	105	31089	1.528	ug/l	88
80) 1,3,5-Trimethylbenzene	12.955	105	56351	3.271	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	131997	7.704	ug/l	99
86) p-Isopropyltoluene	13.508	119	23497	1.262	ug/l	96
95) Naphthalene	15.390	128	518218	51.019	ug/l	99

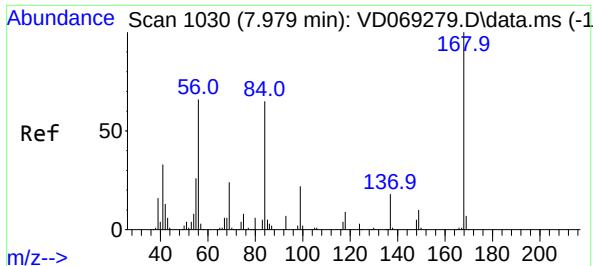
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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18-B3(4-6)

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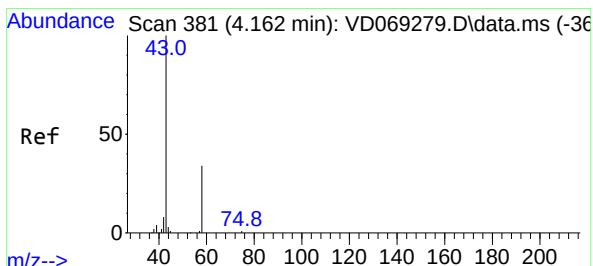
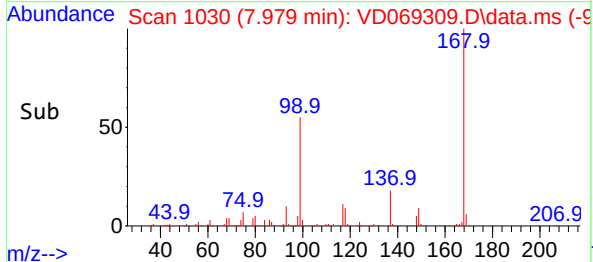
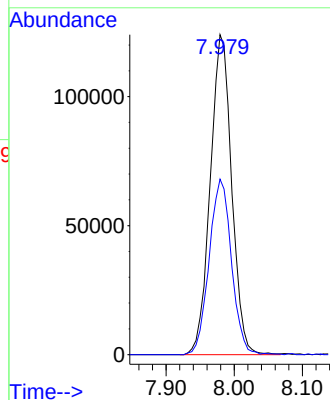
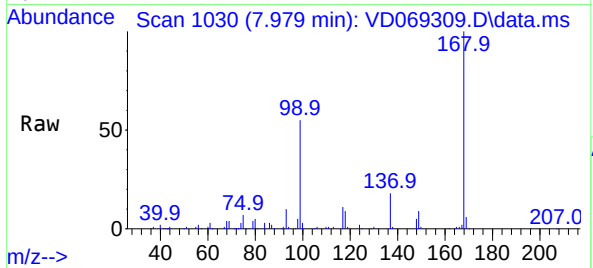




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

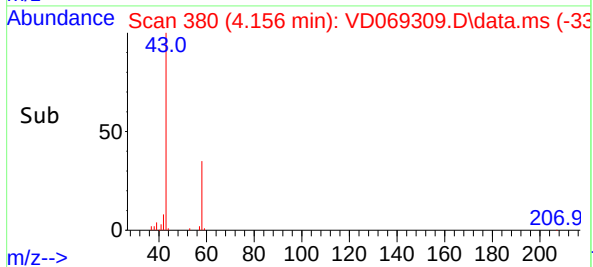
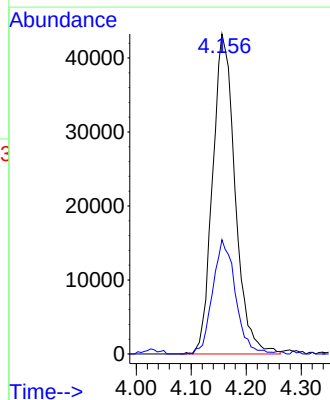
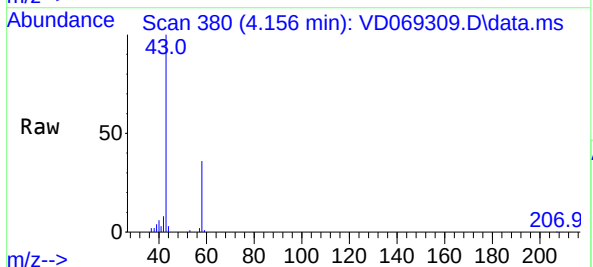
Instrument :
MSVOA_D
ClientSampleId :
18-B3(4-6)

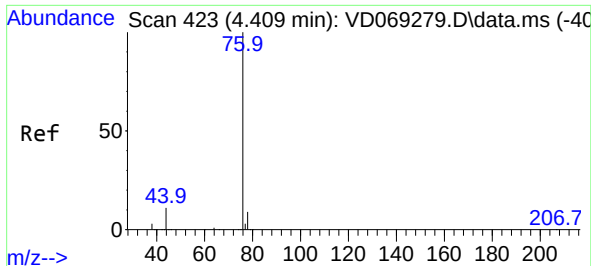
Tgt Ion:168 Resp: 271314
Ion Ratio Lower Upper
168 100
99 54.8 46.2 69.2



#16
Acetone
Concen: 270.612 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Tgt Ion: 43 Resp: 122939
Ion Ratio Lower Upper
43 100
58 35.7 27.5 41.3

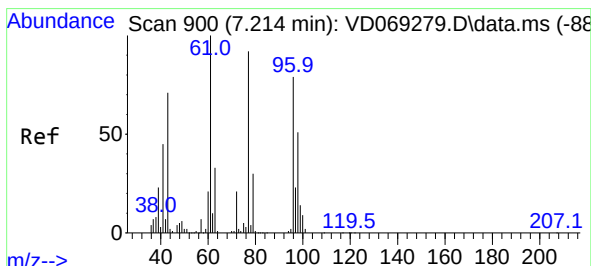
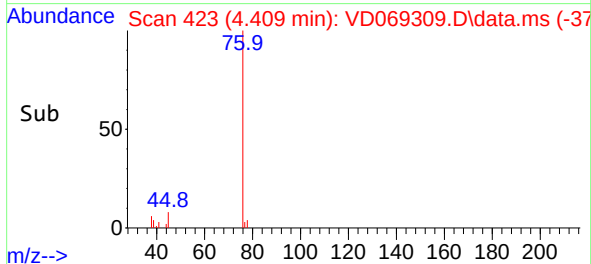
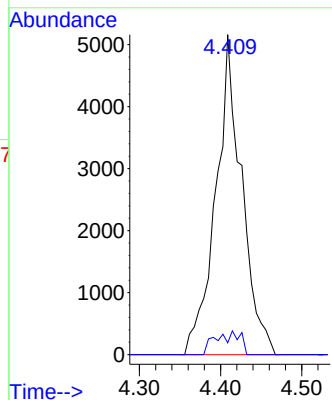
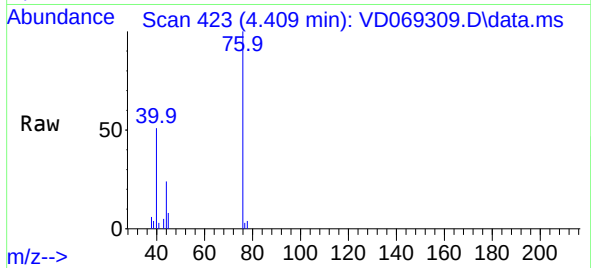




#17
Carbon Disulfide
Concen: 1.275 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

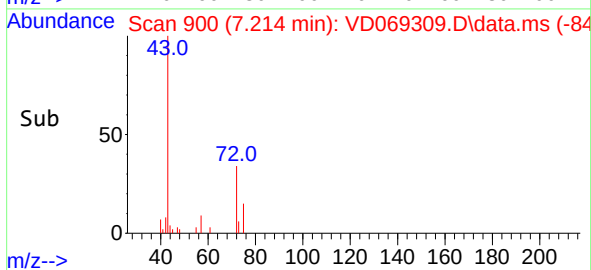
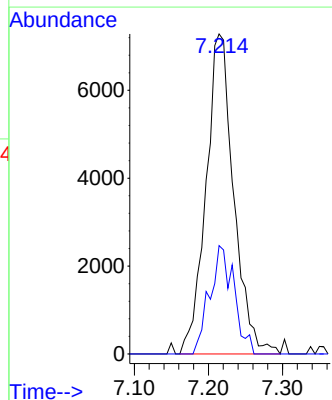
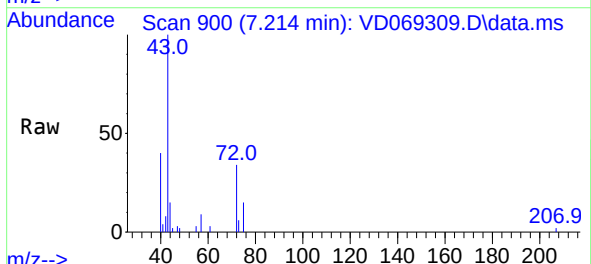
Instrument :
MSVOA_D
ClientSampleId :
18-B3(4-6)

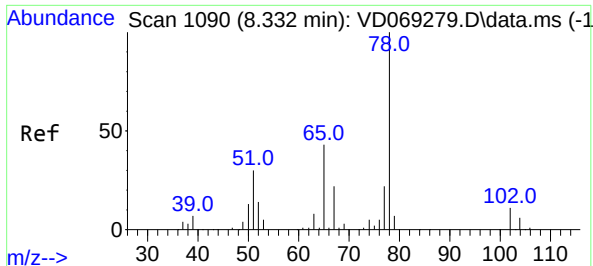
Tgt Ion: 76 Resp: 11473
Ion Ratio Lower Upper
76 100
78 3.7 7.4 11.0#



#25
2-Butanone
Concen: 31.690 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Tgt Ion: 43 Resp: 18944
Ion Ratio Lower Upper
43 100
72 33.9 23.9 35.9

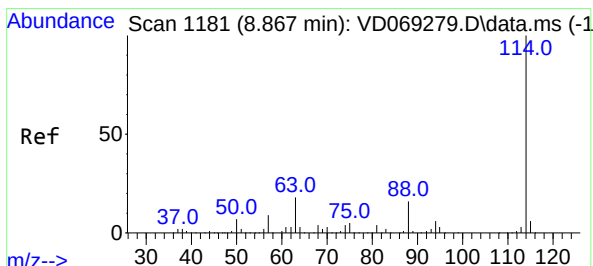
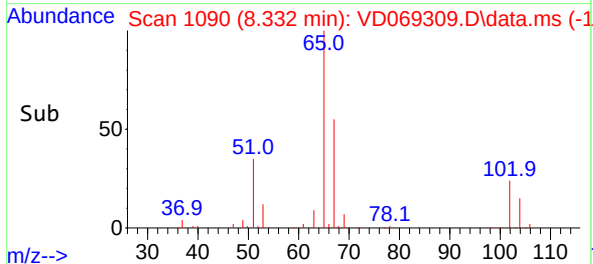
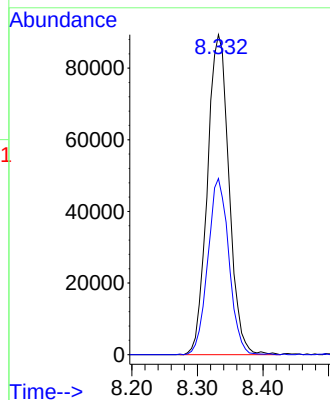
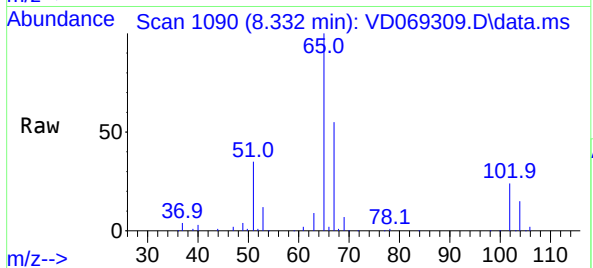




#33
1,2-Dichloroethane-d4
Concen: 78.571 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

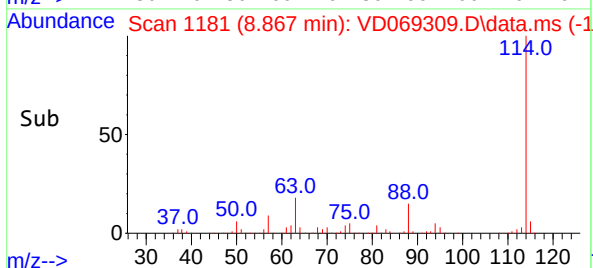
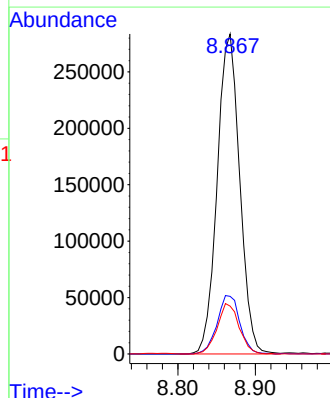
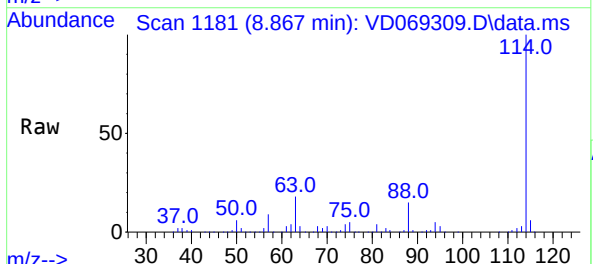
Instrument :
MSVOA_D
ClientSampleId :
18-B3(4-6)

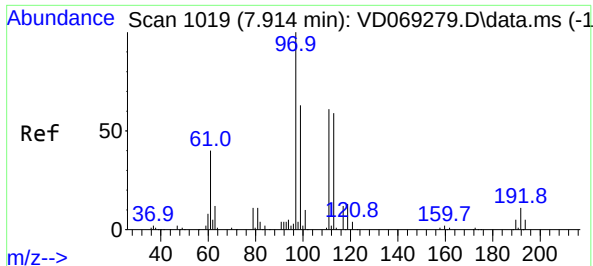
Tgt Ion: 65 Resp: 204545
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Tgt Ion: 114 Resp: 573262
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.6
88 14.9 0.0 31.2



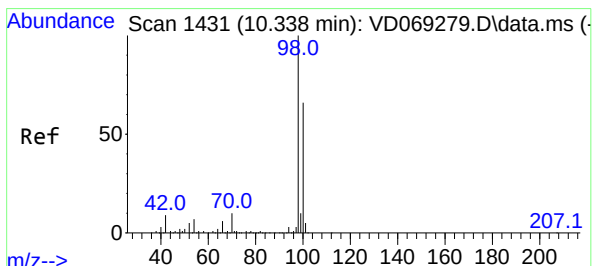
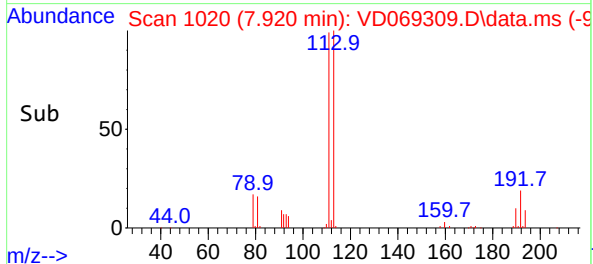
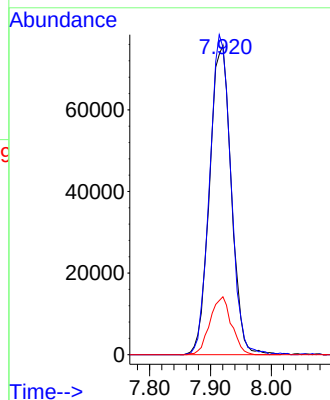
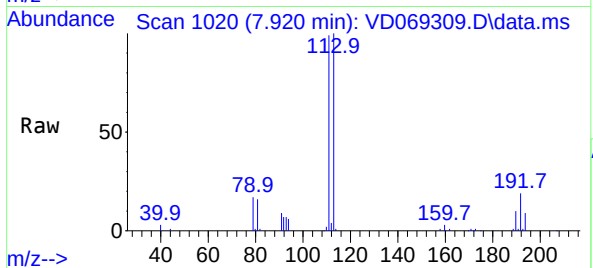


#35

Dibromofluoromethane
Concen: 52.132 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Instrument :
MSVOA_D
ClientSampleId :
18-B3(4-6)

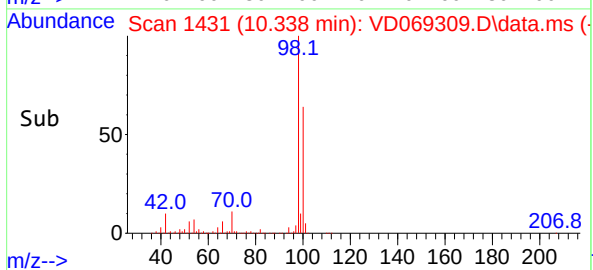
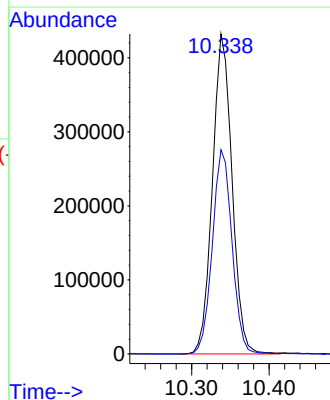
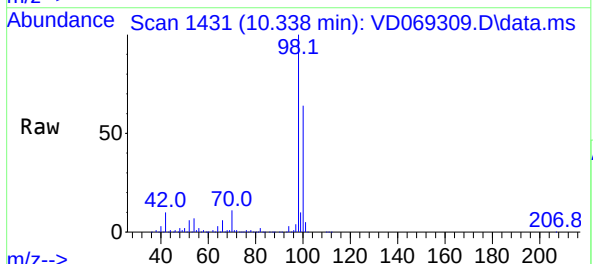
Tgt Ion:113 Resp: 187674
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.6
192 18.6 15.1 22.7

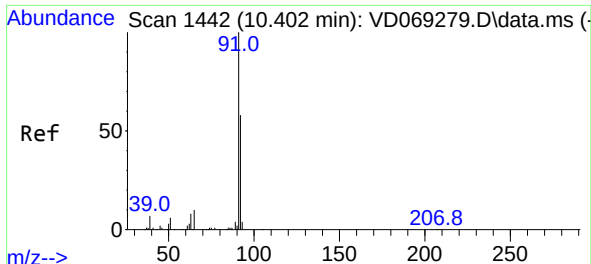


#50

Toluene-d8
Concen: 57.926 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Tgt Ion: 98 Resp: 758298
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

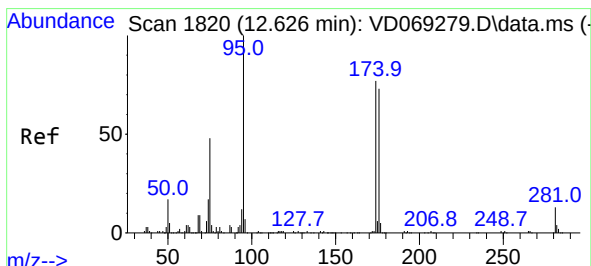
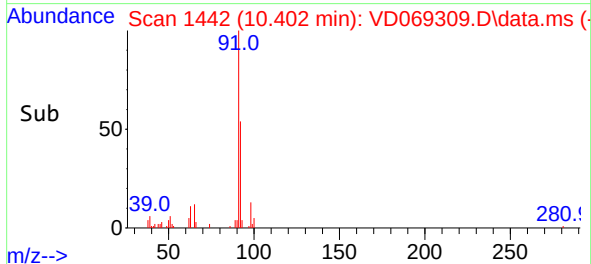
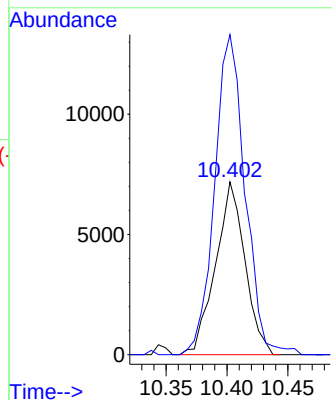
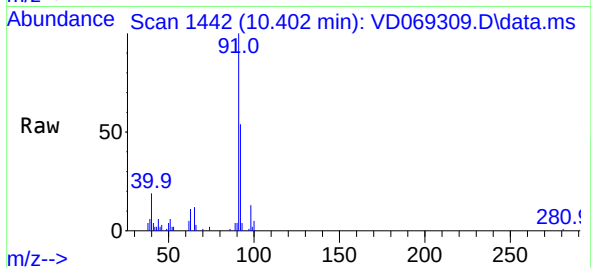




#52
Toluene
Concen: 1.183 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

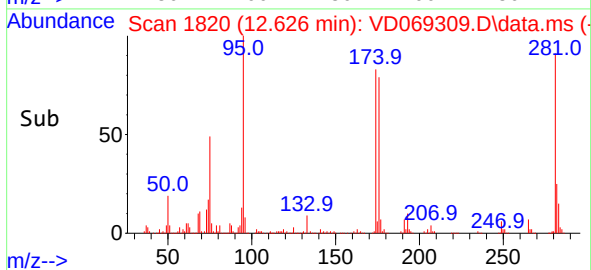
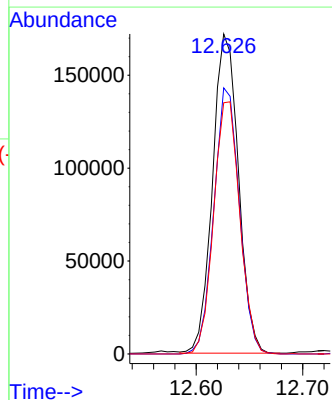
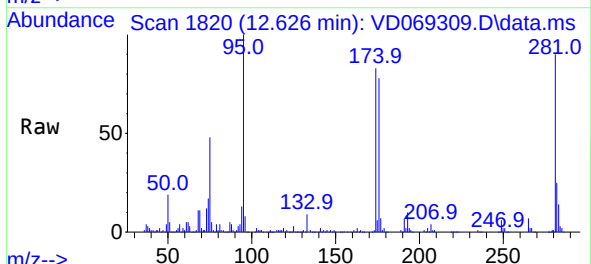
Instrument :
MSVOA_D
ClientSampleId :
18-B3(4-6)

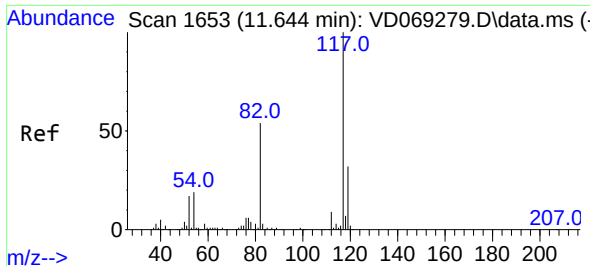
Tgt Ion: 92 Resp: 12079
Ion Ratio Lower Upper
92 100
91 191.7 138.4 207.6



#62
4-Bromofluorobenzene
Concen: 67.646 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Tgt Ion: 95 Resp: 290167
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.8
176 79.9 0.0 154.4

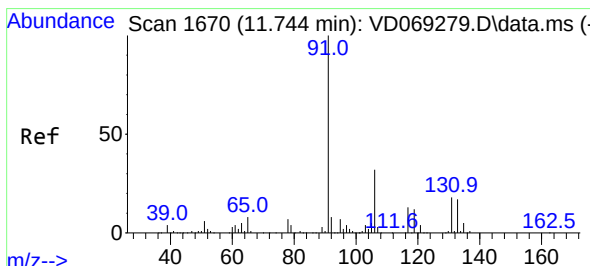
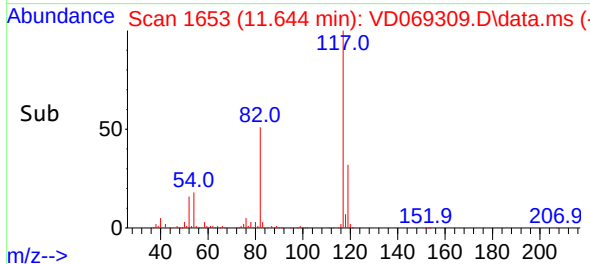
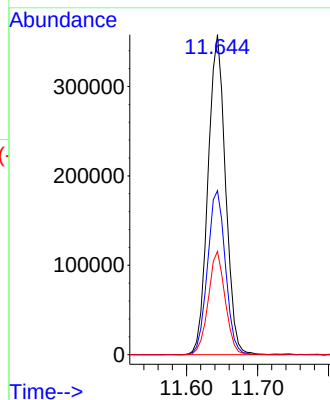
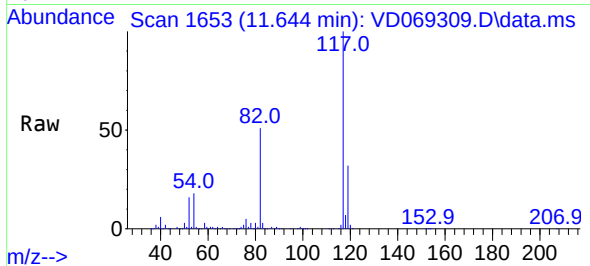




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

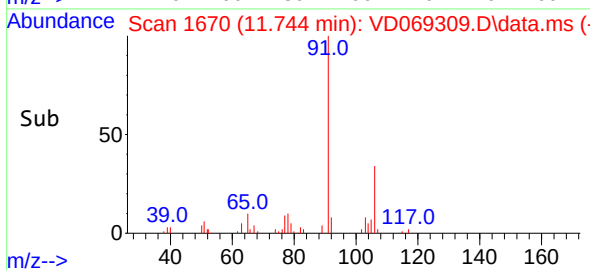
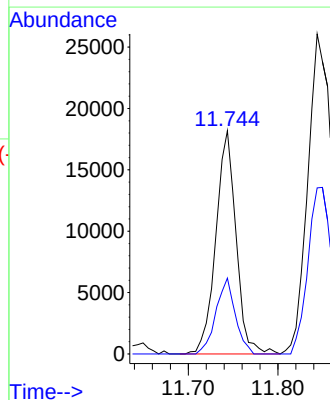
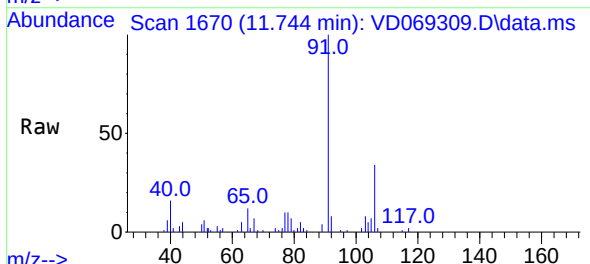
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ClientSampleId :
18-B3(4-6)

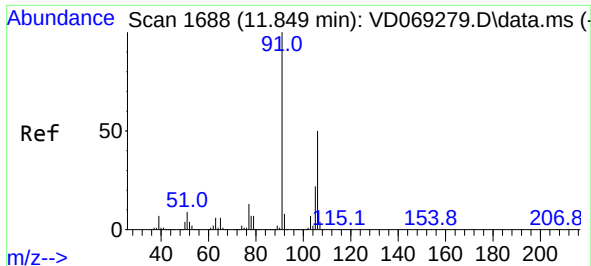
Tgt Ion:	117	Resp:	612036
Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.3	64.9
119	32.3	25.3	37.9



#67
Ethyl Benzene
Concen: 1.327 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Tgt Ion:	91	Resp:	28523
Ion	Ratio	Lower	Upper
91	100		
106	34.0	25.9	38.9

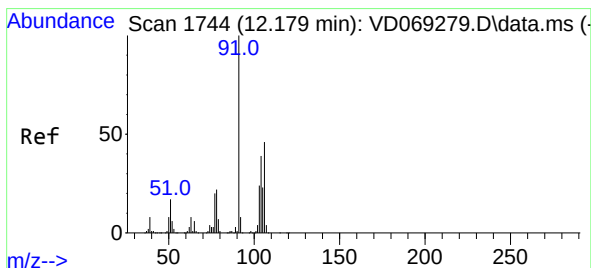
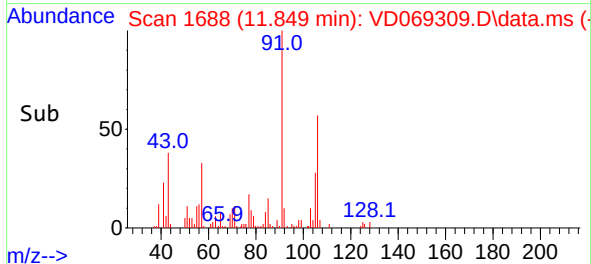
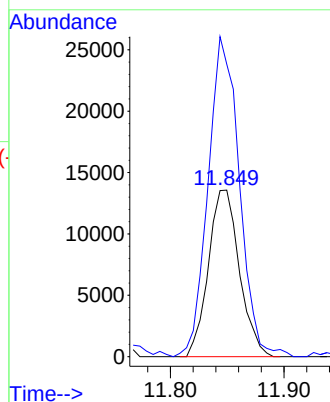
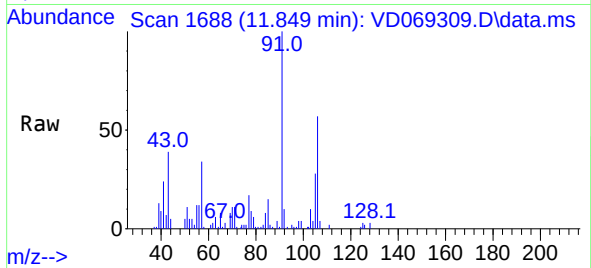




#68
m/p-Xylenes
Concen: 3.055 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

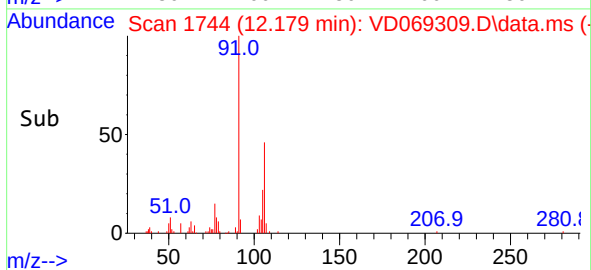
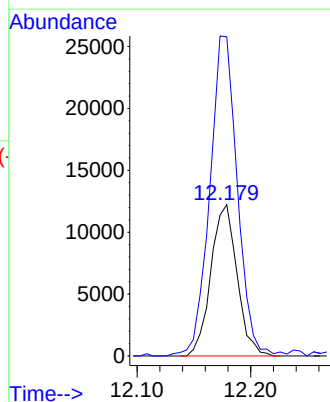
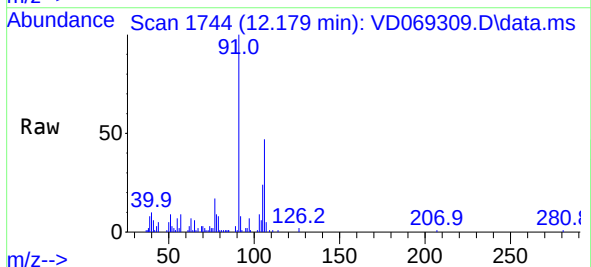
Instrument :
MSVOA_D
ClientSampleId :
18-B3(4-6)

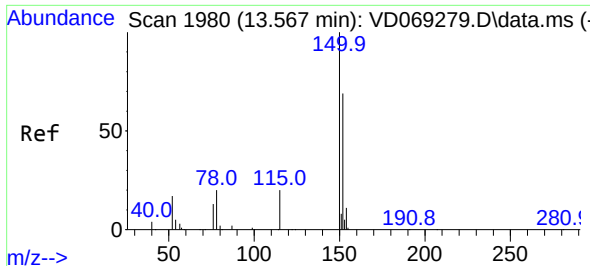
Tgt Ion:106 Resp: 25726
Ion Ratio Lower Upper
106 100
91 193.7 158.3 237.5



#69
o-Xylene
Concen: 2.630 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Tgt Ion:106 Resp: 19586
Ion Ratio Lower Upper
106 100
91 222.9 105.5 316.4

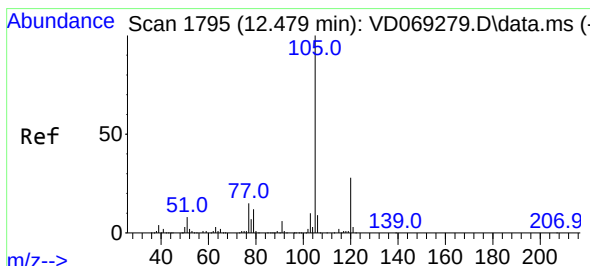
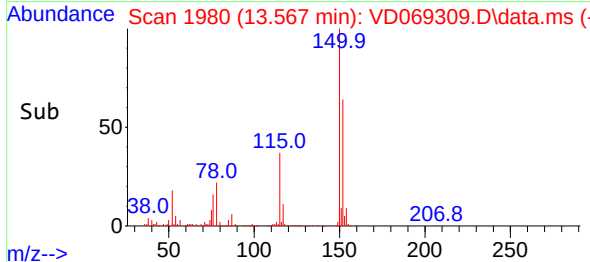
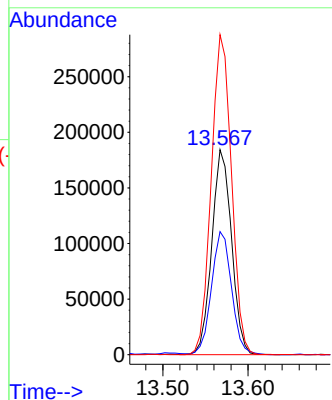
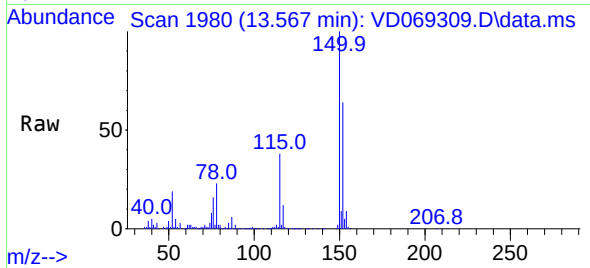




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

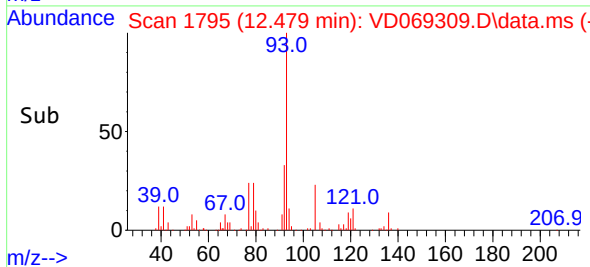
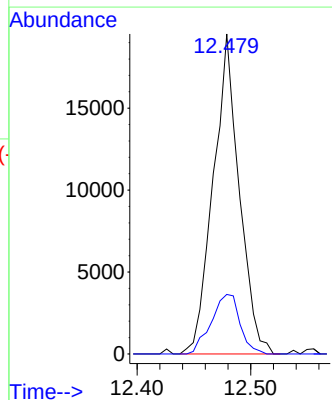
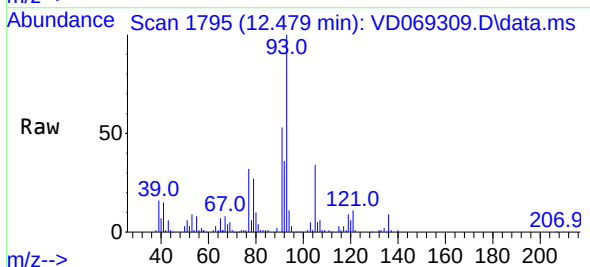
Instrument :
MSVOA_D
ClientSampleId :
18-B3(4-6)

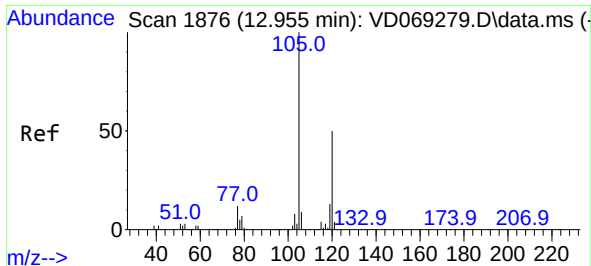
Tgt Ion:152 Resp: 297229
Ion Ratio Lower Upper
152 100
115 61.1 29.4 88.3
150 159.6 0.0 355.0



#73
Isopropylbenzene
Concen: 1.528 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Tgt Ion:105 Resp: 31089
Ion Ratio Lower Upper
105 100
120 20.5 13.5 40.5

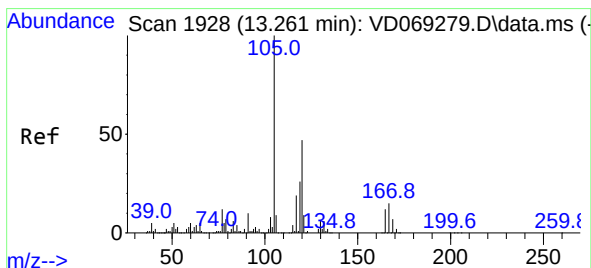
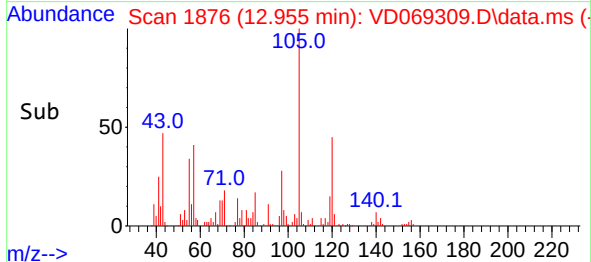
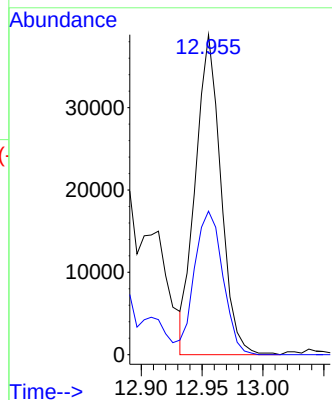
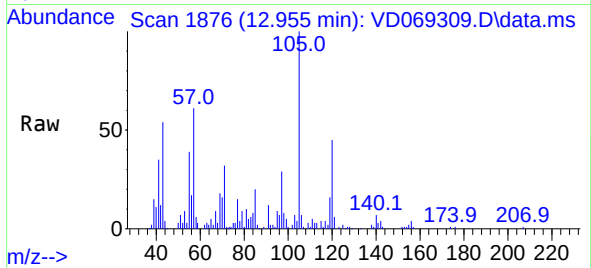




#80
1,3,5-Trimethylbenzene
Concen: 3.271 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

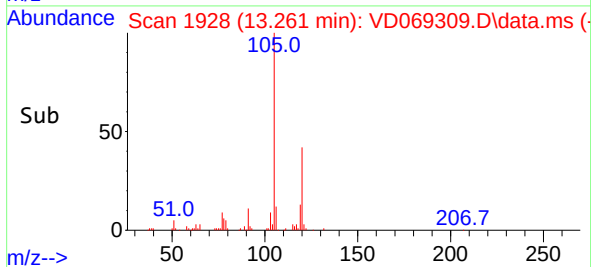
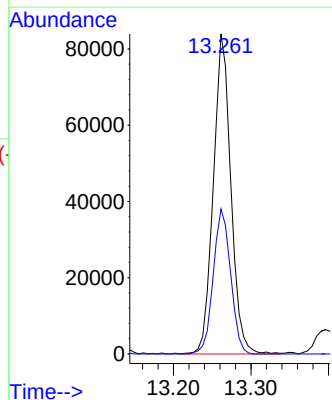
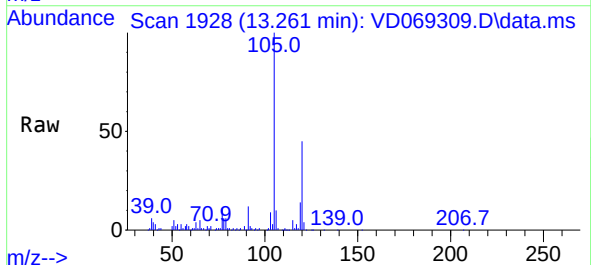
Instrument :
MSVOA_D
ClientSampleId :
18-B3(4-6)

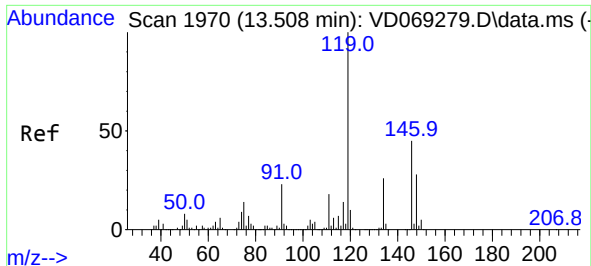
Tgt Ion:105 Resp: 56351
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 7.704 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Tgt Ion:105 Resp: 131997
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8

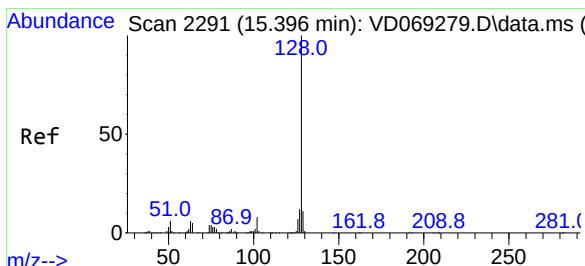
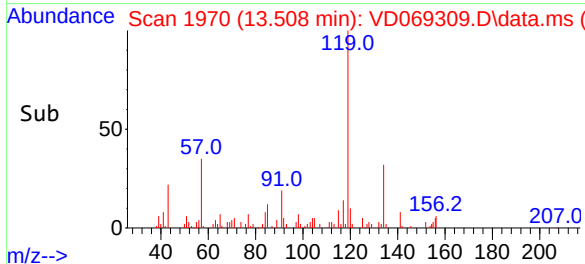
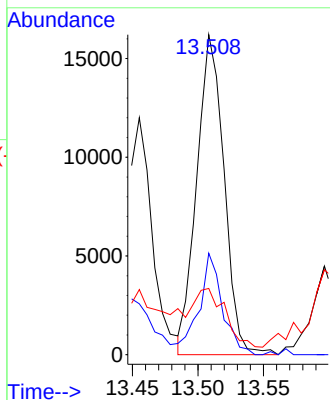
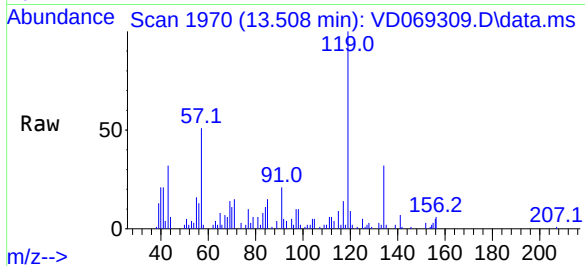




#86
p-Isopropyltoluene
Concen: 1.262 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Instrument :
MSVOA_D
ClientSampleId :
18-B3(4-6)

Tgt Ion:	119	Resp:	23497
Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.0	39.0
91	20.9	11.3	33.8



#95
Naphthalene
Concen: 51.019 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069309.D
Acq: 02 Jun 2021 18:51

Tgt Ion:	128	Resp:	518218
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.3	8.8	13.2

