

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069983.D
 Acq On : 04 Aug 2021 13:50
 Operator : VA/SY
 Sample : M3268-06
 Misc : 7.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210512-98

Quant Time: Aug 05 03:10:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

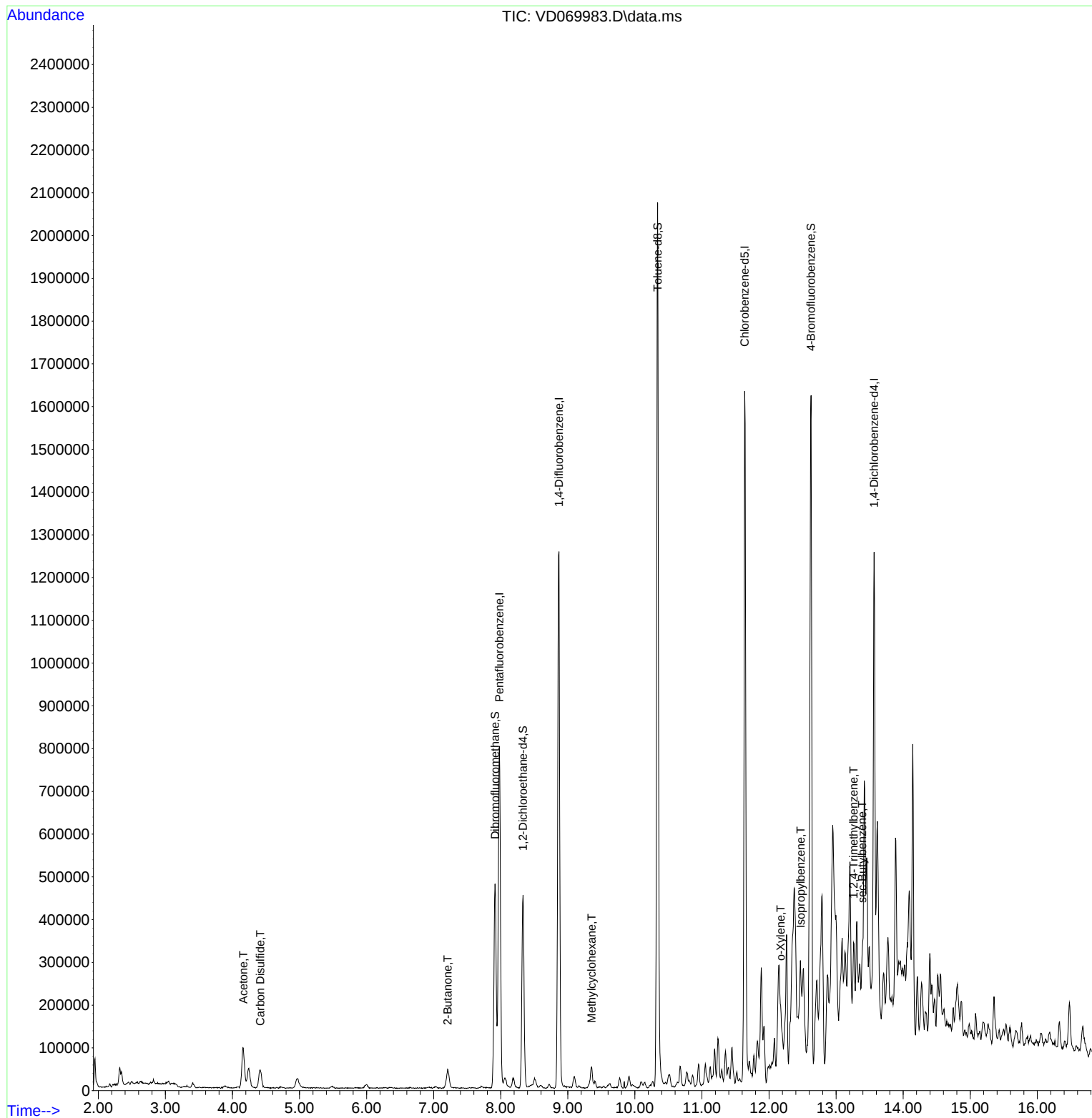
Internal Standards						
1) Pentafluorobenzene	7.979	168	544796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1089490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	945818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	291441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	353427	56.407	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.820%			
35) Dibromofluoromethane	7.914	113	358269	52.164	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.320%			
50) Toluene-d8	10.338	98	1369971	51.730	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.626	95	409595	46.278	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.560%			
Target Compounds						
16) Acetone	4.162	43	166188	146.827	ug/l	97
17) Carbon Disulfide	4.415	76	96210	4.317	ug/l	99
25) 2-Butanone	7.209	43	51471	33.533	ug/l #	82
39) Methylcyclohexane	9.356	83	15489	1.150	ug/l #	74
69) o-Xylene	12.173	106	17115	1.408	ug/l	95
73) Isopropylbenzene	12.473	105	62076	2.964	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	101921	5.767	ug/l	98
85) sec-Butylbenzene	13.391	105	23524	1.022	ug/l #	56

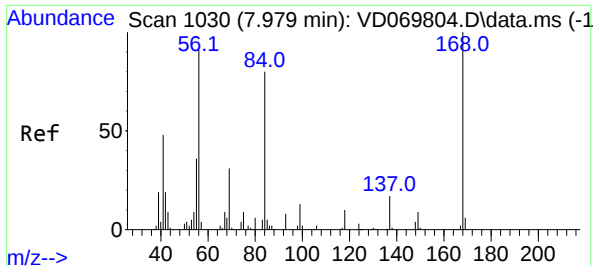
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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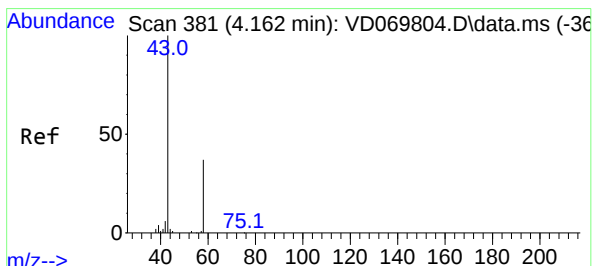
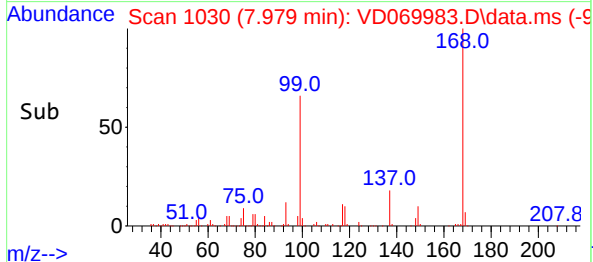
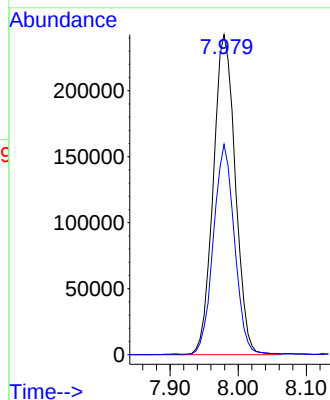
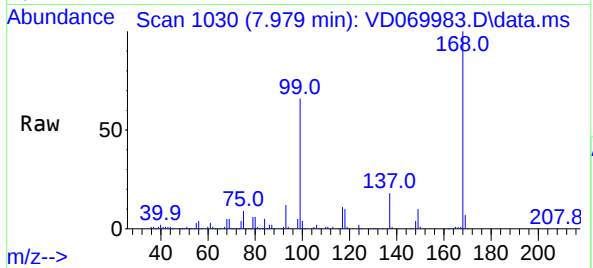




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

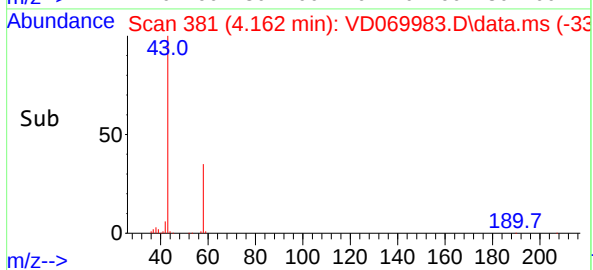
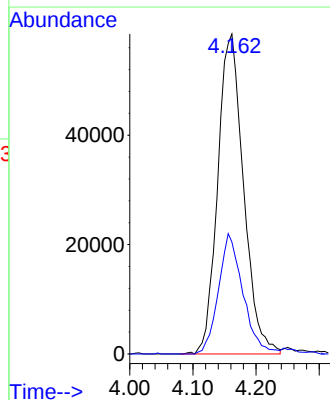
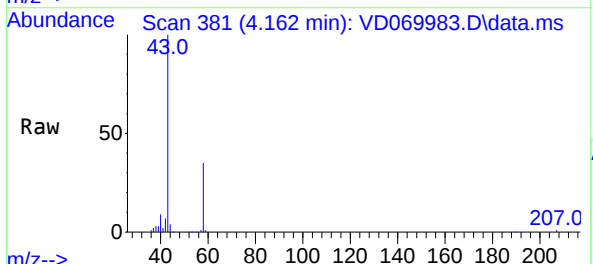
Instrument :
MSVOA_D
ClientSampleId :
20210512-98

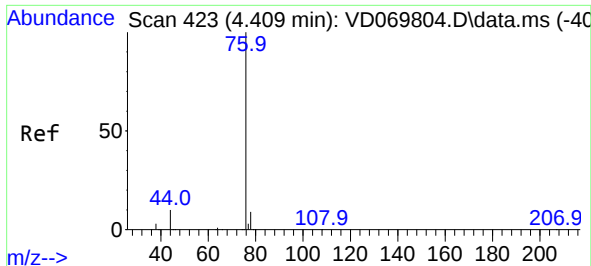
Tgt Ion:168 Resp: 544796
Ion Ratio Lower Upper
168 100
99 65.5 51.1 76.7



#16
Acetone
Concen: 146.827 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

Tgt Ion: 43 Resp: 166188
Ion Ratio Lower Upper
43 100
58 35.0 29.4 44.0

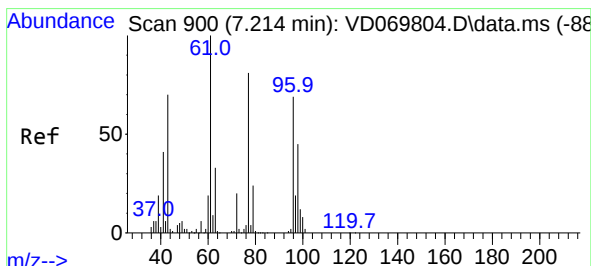
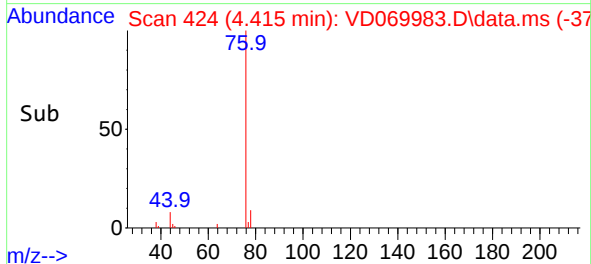
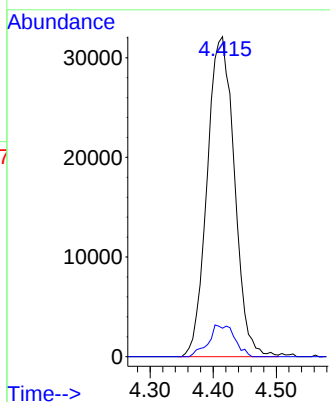
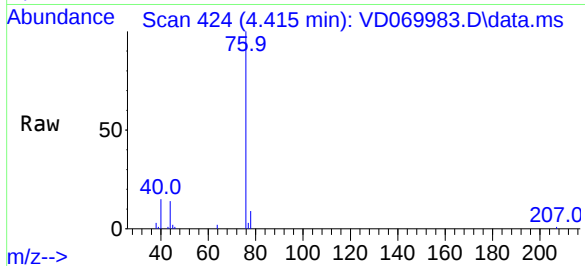




#17
Carbon Disulfide
Concen: 4.317 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

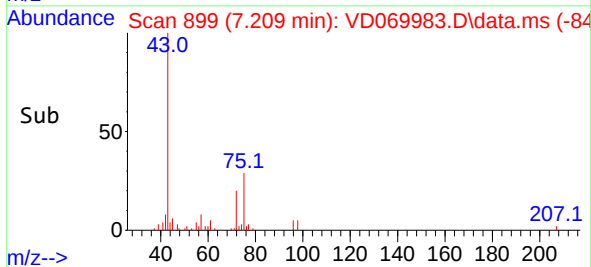
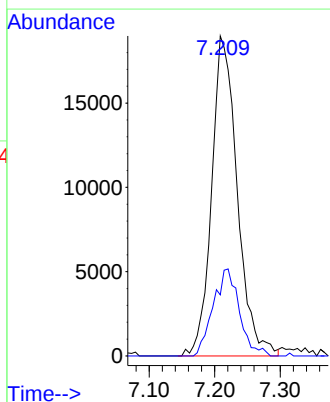
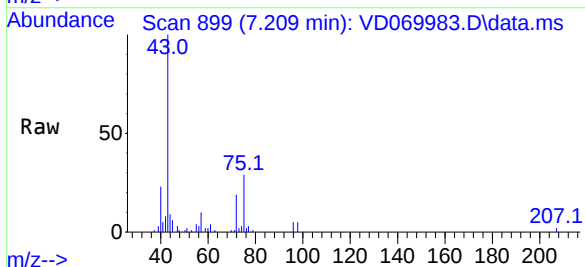
Instrument :
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ClientSampleId :
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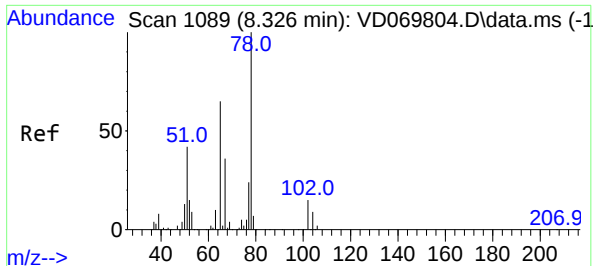
Tgt Ion: 76 Resp: 96210
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#25
2-Butanone
Concen: 33.533 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

Tgt Ion: 43 Resp: 51471
Ion Ratio Lower Upper
43 100
72 19.1 22.8 34.2#

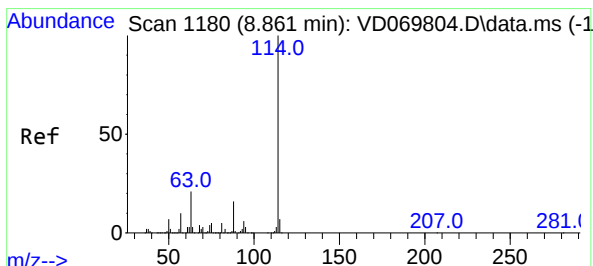
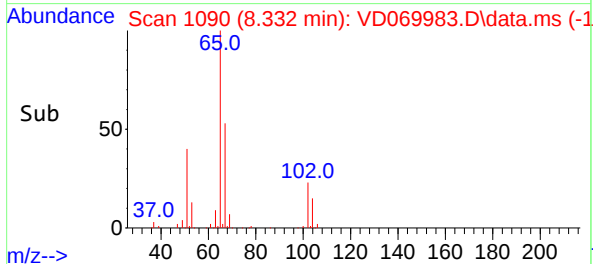
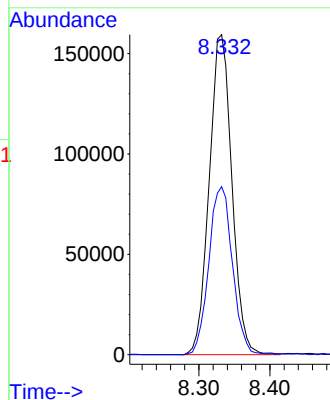
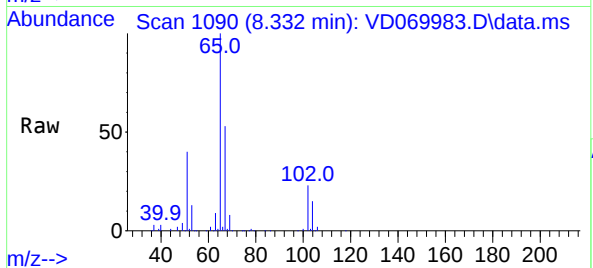




#33
1,2-Dichloroethane-d4
Concen: 56.407 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

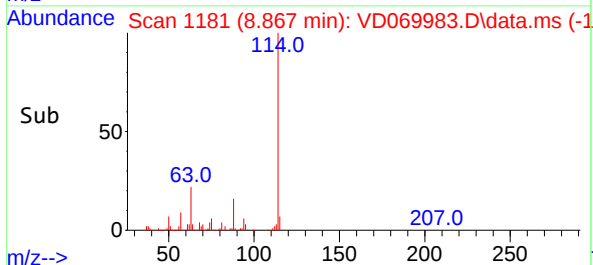
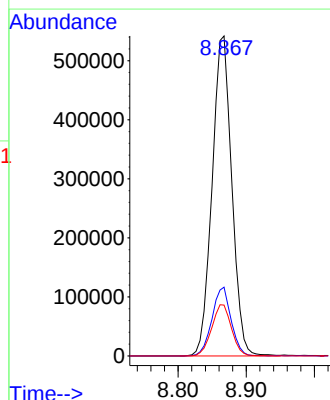
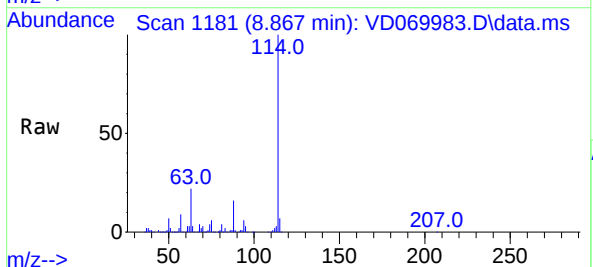
Instrument :
MSVOA_D
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20210512-98

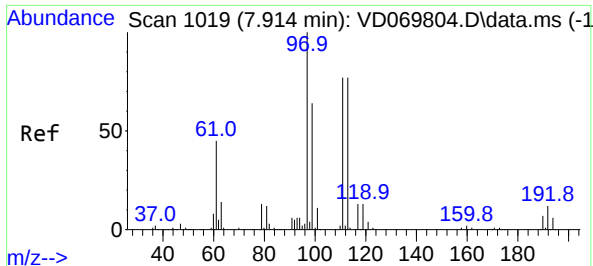
Tgt Ion: 65 Resp: 353427
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

Tgt Ion:114 Resp: 1089490
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.6
88 15.9 0.0 31.4

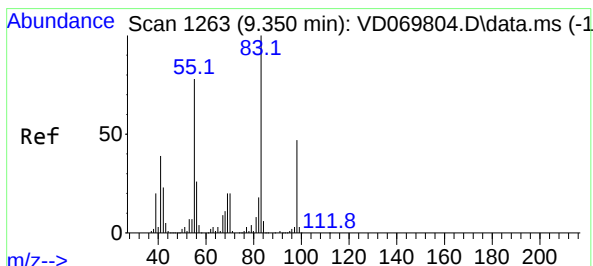
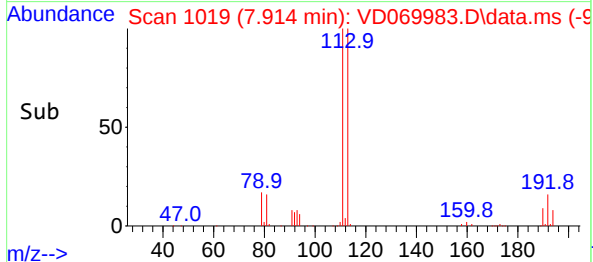
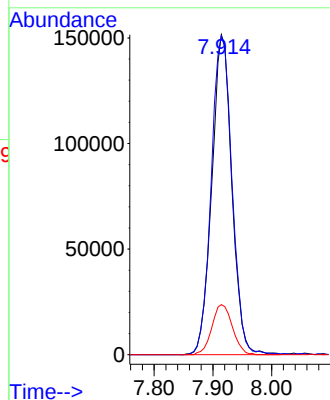
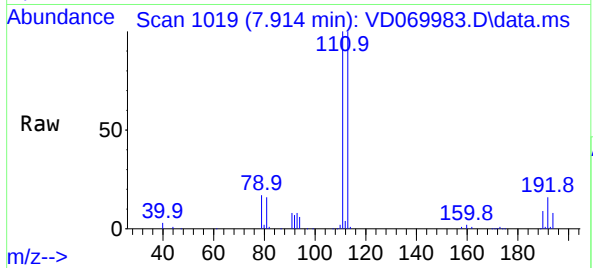




#35
Dibromofluoromethane
Concen: 52.164 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

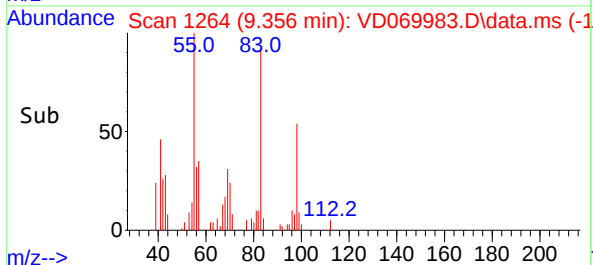
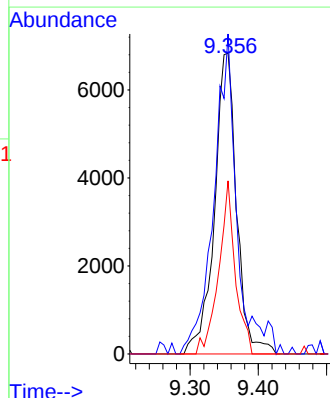
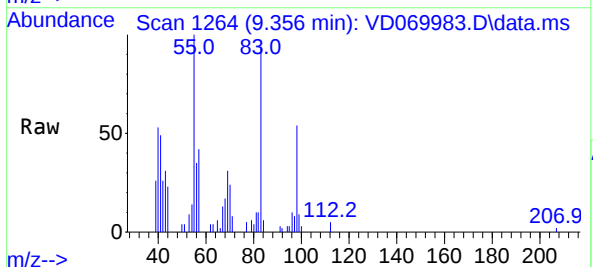
Instrument :
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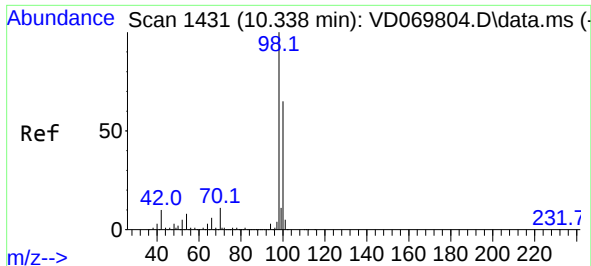
Tgt Ion:113 Resp: 358269
Ion Ratio Lower Upper
113 100
111 103.5 80.5 120.7
192 16.1 12.6 19.0



#39
Methylcyclohexane
Concen: 1.150 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

Tgt Ion: 83 Resp: 15489
Ion Ratio Lower Upper
83 100
55 106.3 62.2 93.2#
98 57.5 37.8 56.8#

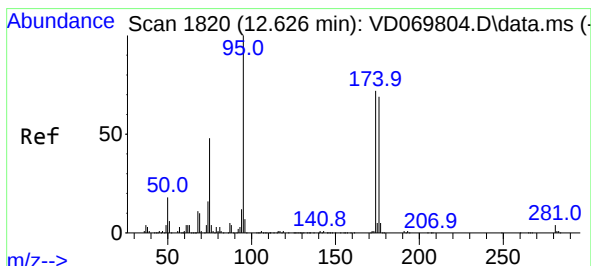
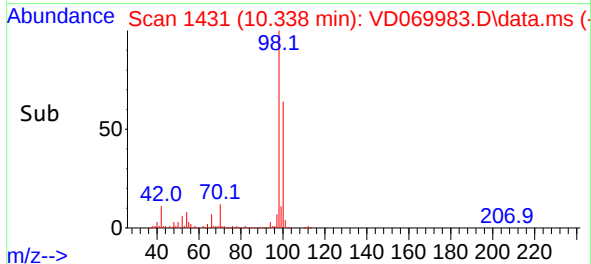
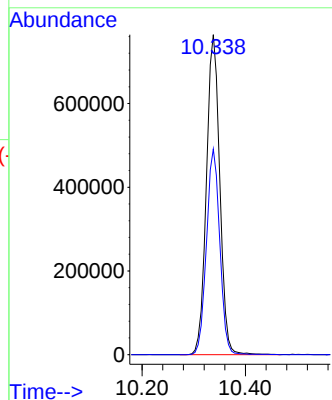
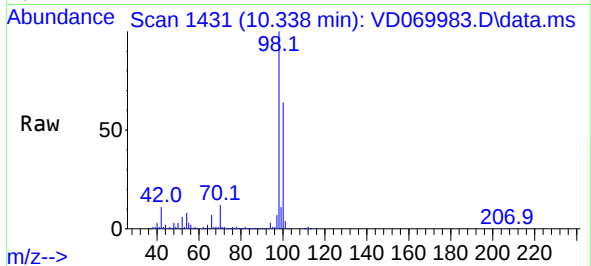




#50
Toluene-d8
Concen: 51.730 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

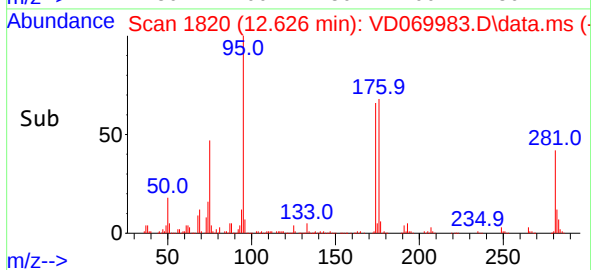
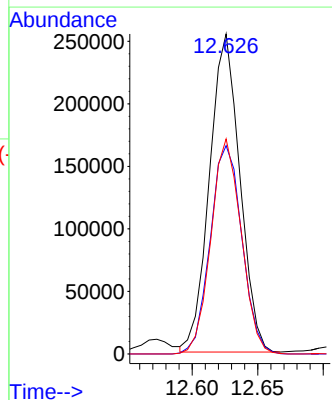
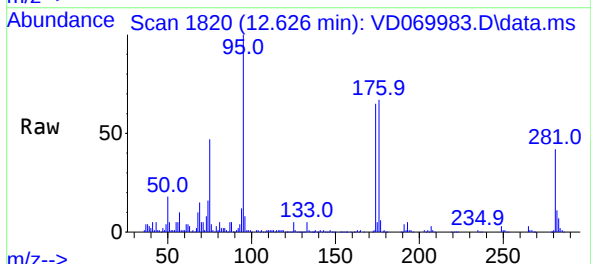
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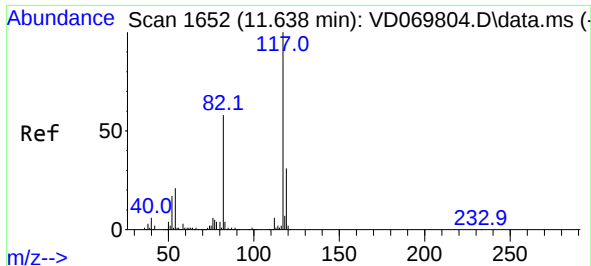
Tgt Ion: 98 Resp: 1369971
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.278 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

Tgt Ion: 95 Resp: 409595
Ion Ratio Lower Upper
95 100
174 68.4 0.0 142.6
176 67.2 0.0 134.2

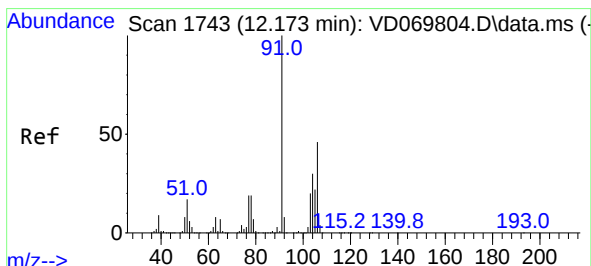
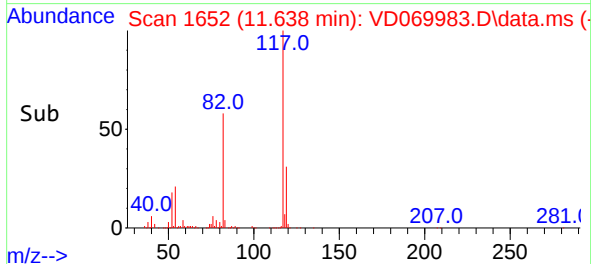
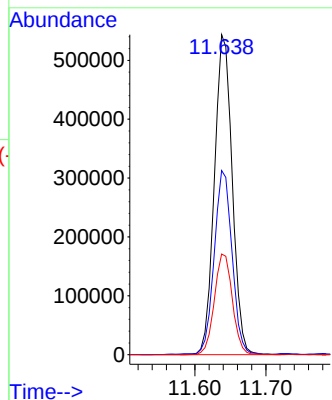
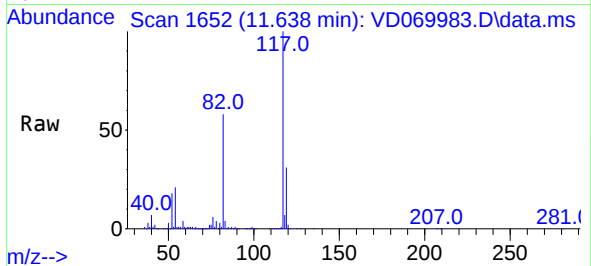




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

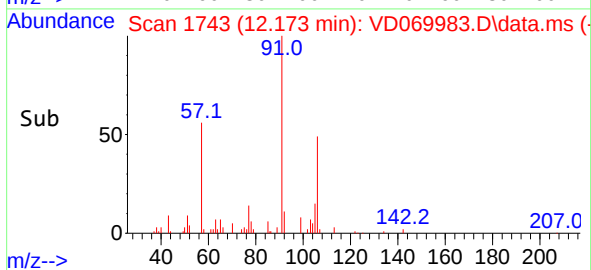
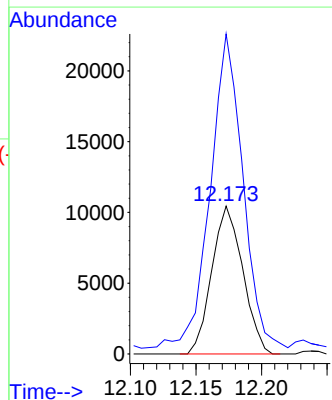
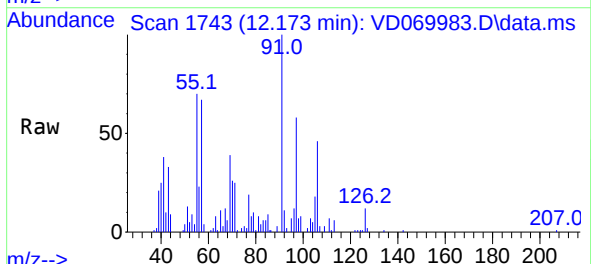
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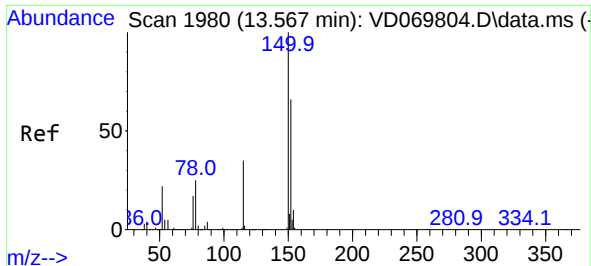
Tgt Ion:	117	Resp:	945818
Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.3	69.5
119	31.4	24.7	37.1



#69
o-Xylene
Concen: 1.408 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

Tgt Ion:	106	Resp:	17115
Ion	Ratio	Lower	Upper
106	100		
91	223.4	107.6	322.8

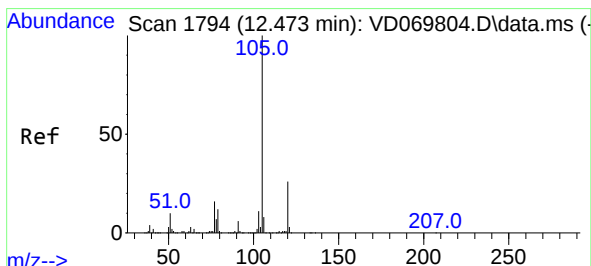
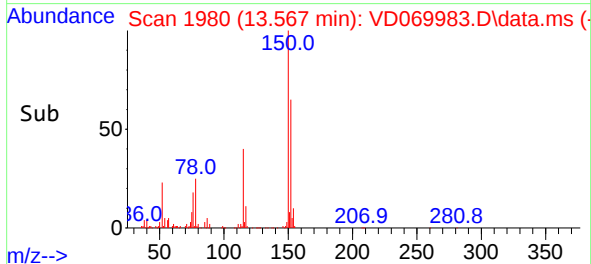
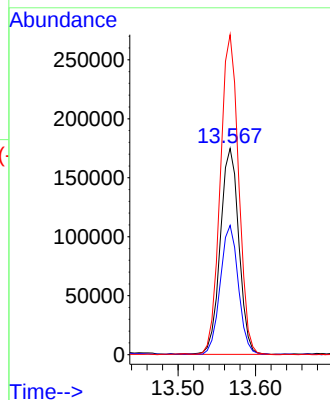
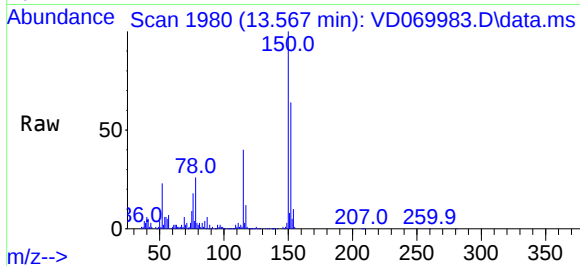




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

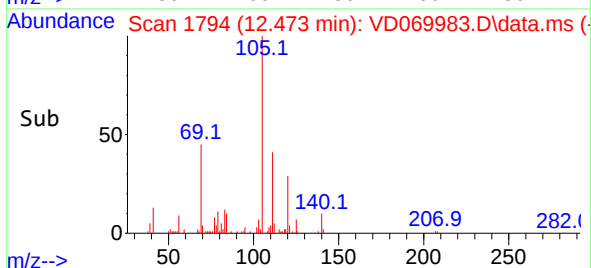
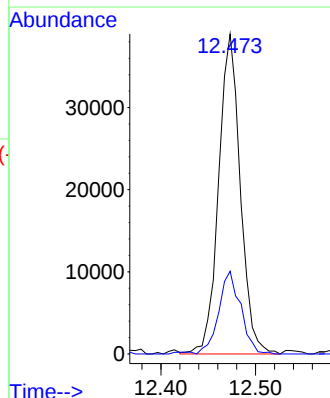
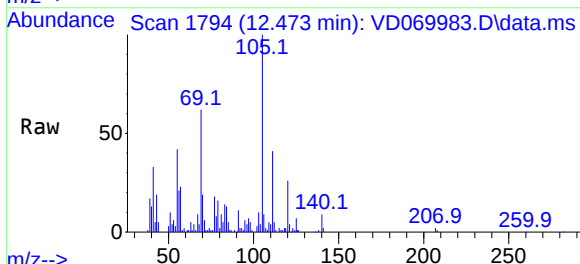
Instrument :
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20210512-98

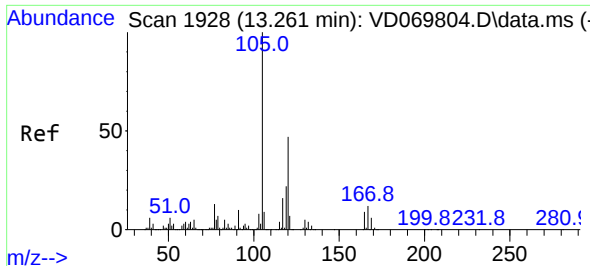
Tgt Ion:152 Resp: 291441
Ion Ratio Lower Upper
152 100
115 61.1 31.1 93.3
150 153.9 0.0 343.0



#73
Isopropylbenzene
Concen: 2.964 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

Tgt Ion:105 Resp: 62076
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

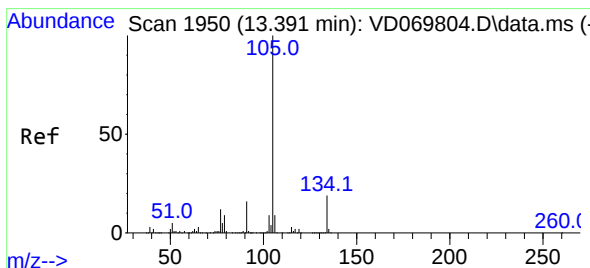
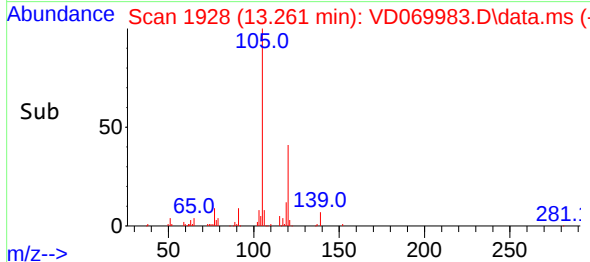
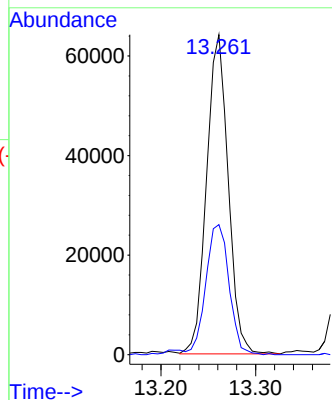
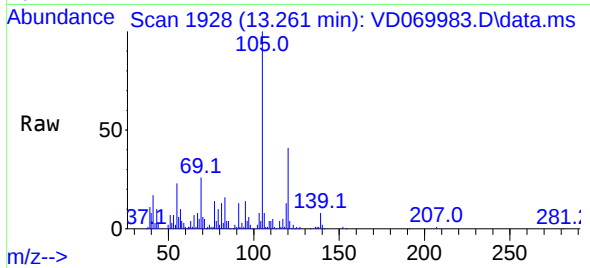




#84
1,2,4-Trimethylbenzene
Concen: 5.767 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

Instrument :
MSVOA_D
ClientSampleId :
20210512-98

Tgt Ion:105 Resp: 101921
Ion Ratio Lower Upper
105 100
120 43.8 22.6 67.8



#85
sec-Butylbenzene
Concen: 1.022 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD069983.D
Acq: 04 Aug 2021 13:50

Tgt Ion:105 Resp: 23524
Ion Ratio Lower Upper
105 100
134 38.9 9.6 28.6#

