

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
 Data File : VD068178.D
 Acq On : 25 Jan 2021 20:01
 Operator : VA/SY
 Sample : M1231-01
 Misc : 6.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-012521

Quant Time: Jan 26 00:11:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

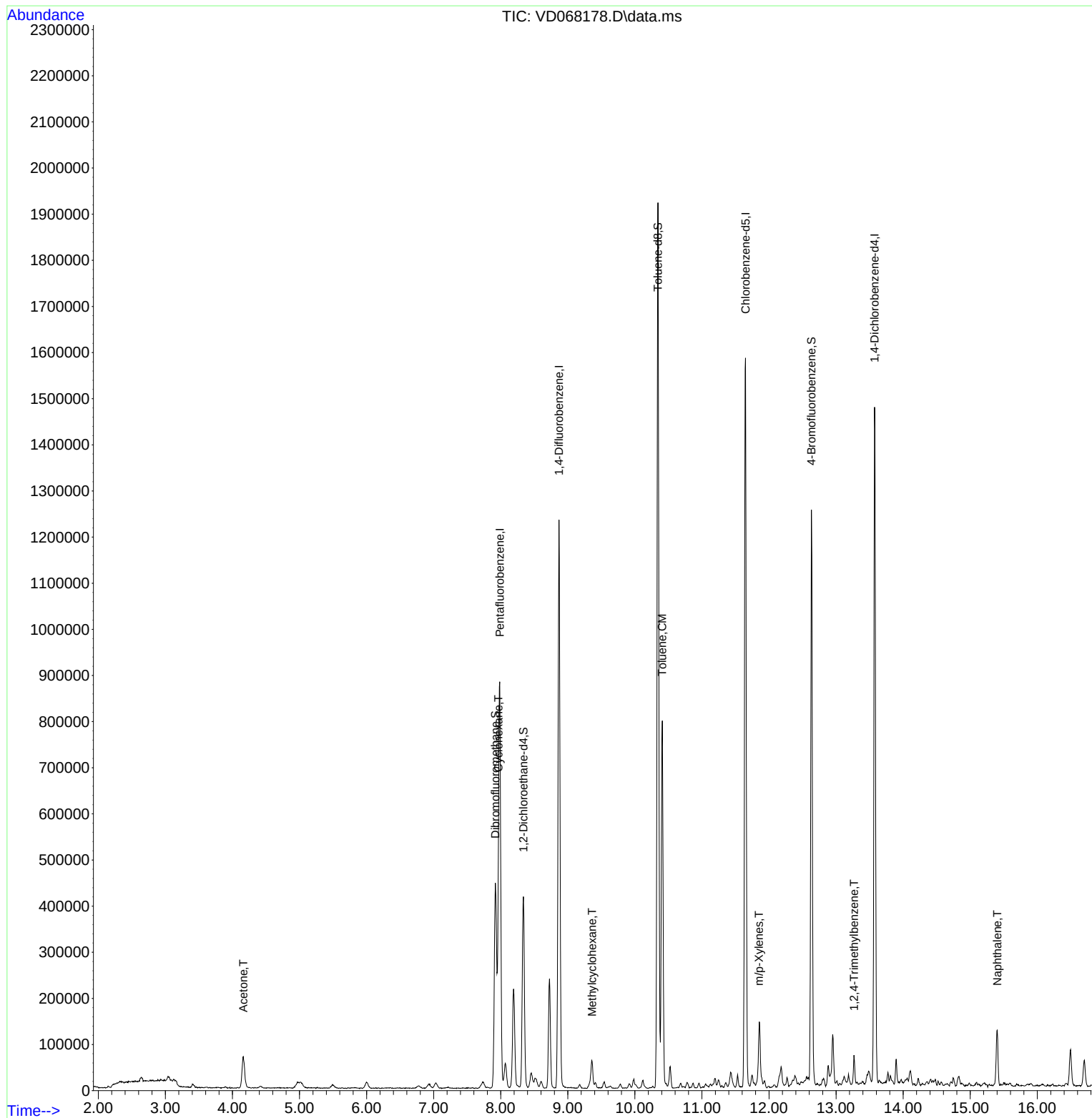
Internal Standards						
1) Pentafluorobenzene	7.985	168	632031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1089924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	955682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	406782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	339211	56.10	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.20%			
35) Dibromofluoromethane	7.920	113	323382	53.67	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.34%			
50) Toluene-d8	10.344	98	1329019	55.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.28%			
62) 4-Bromofluorobenzene	12.632	95	432802	49.86	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.72%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	117236	108.60	ug/l	97
31) Cyclohexane	7.967	56	44995	3.44	ug/l #	66
39) Methylcyclohexane	9.361	83	25632	1.78	ug/l	91
52) Toluene	10.408	92	358583	17.91	ug/l	96
68) m/p-Xylenes	11.849	106	24692	1.74	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	33203	1.19	ug/l	97
95) Naphthalene	15.402	128	110665	7.20	ug/l	99

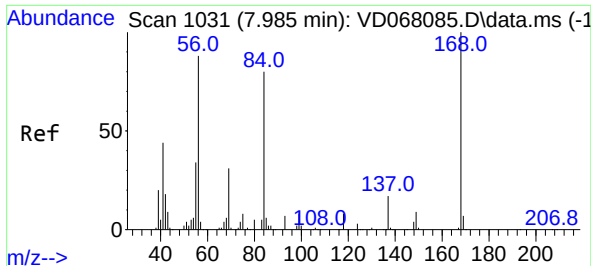
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
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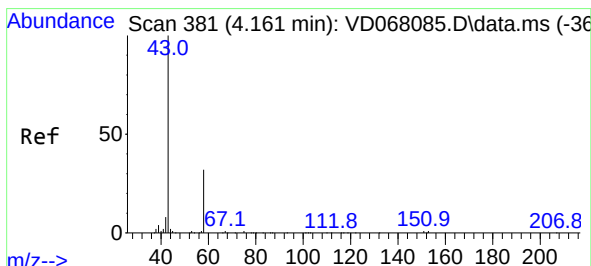
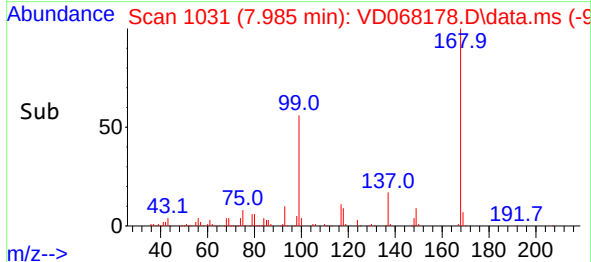
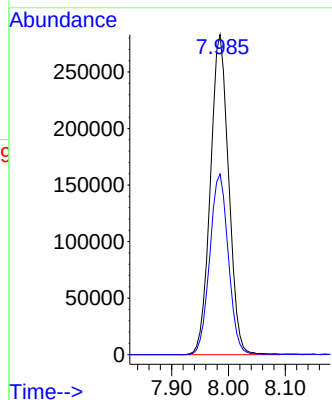
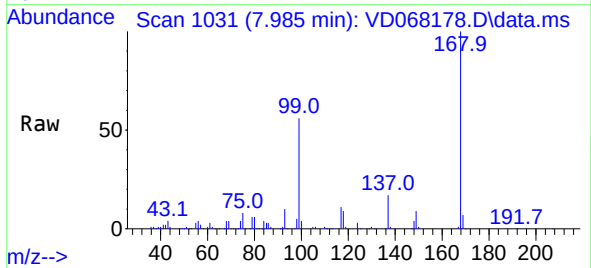




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

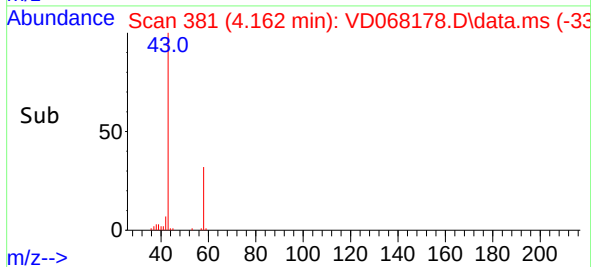
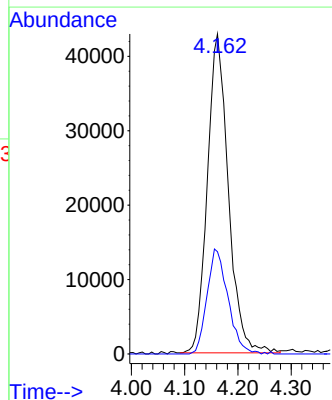
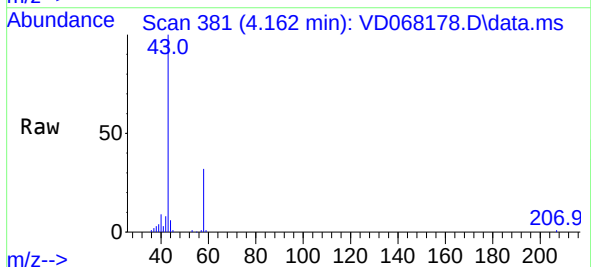
Instrument :
MSVOA_D
ClientSampleId :
EO-02-012521

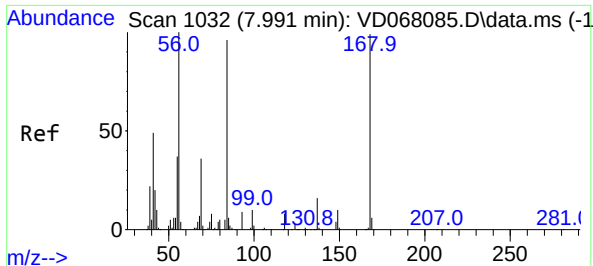
Tgt Ion:168 Resp: 632031
Ion Ratio Lower Upper
168 100
99 56.5 43.5 65.3



#16
Acetone
Concen: 108.60 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

Tgt Ion: 43 Resp: 117236
Ion Ratio Lower Upper
43 100
58 32.1 24.2 36.4

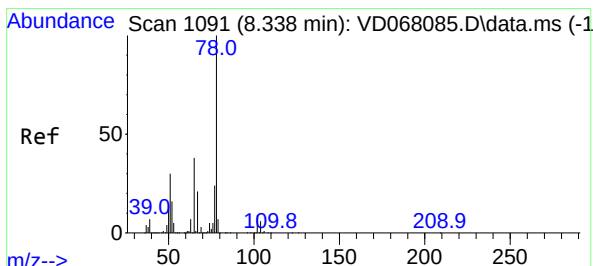
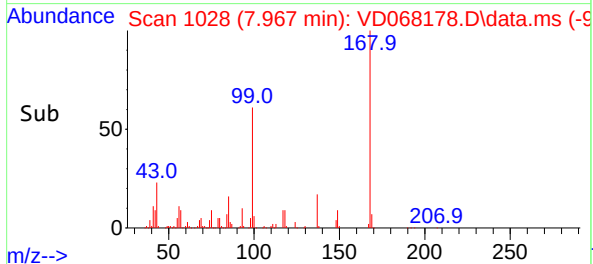
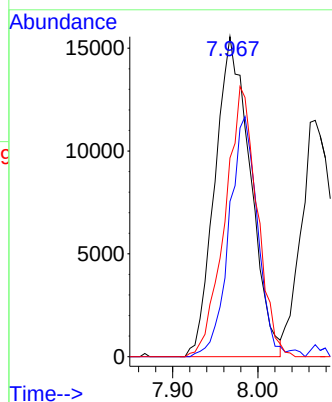
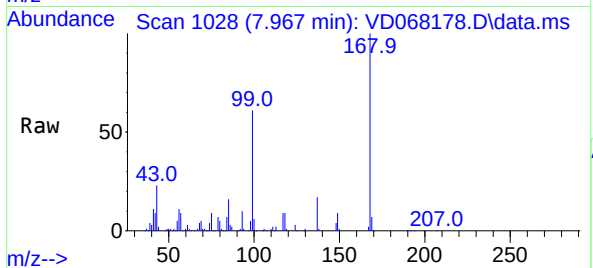




#31
Cyclohexane
Concen: 3.44 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.023 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

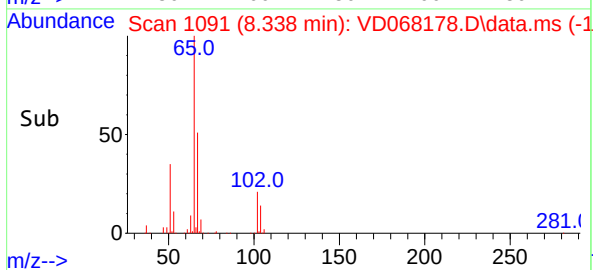
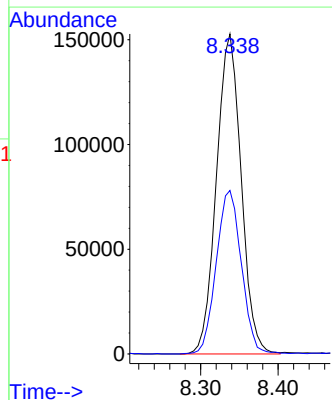
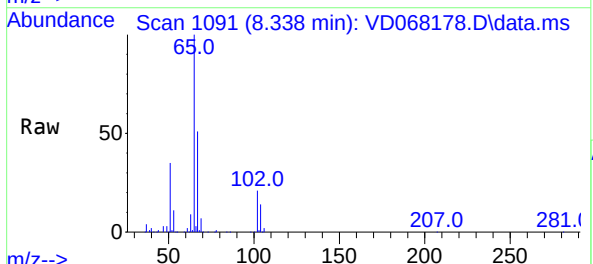
Instrument :
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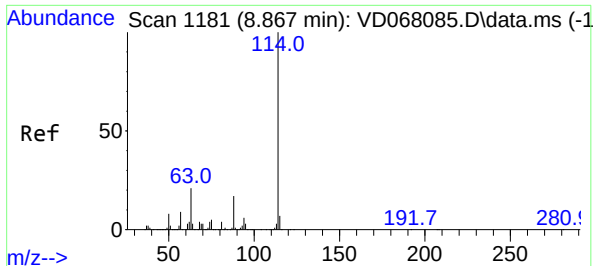
Tgt Ion: 56 Resp: 44995
Ion Ratio Lower Upper
56 100
69 48.5 30.1 45.1#
84 62.1 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 56.10 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

Tgt Ion: 65 Resp: 339211
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0

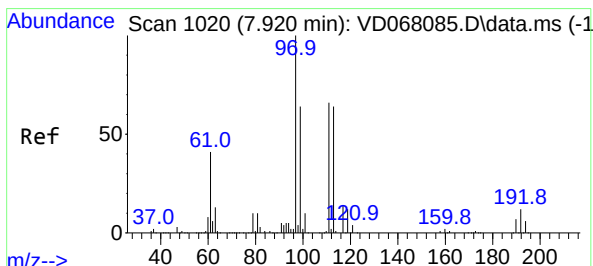
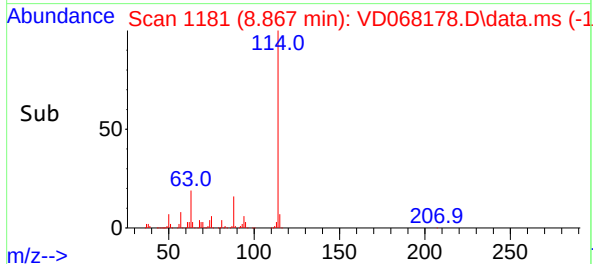
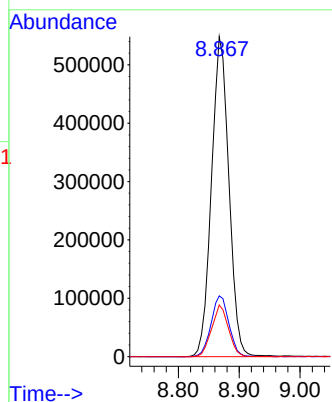
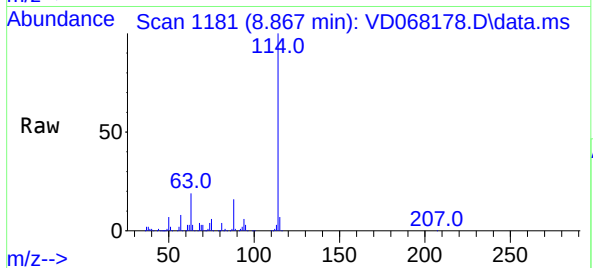




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

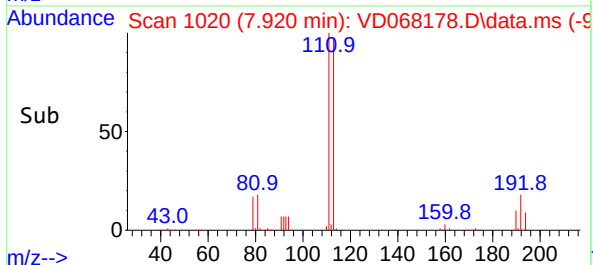
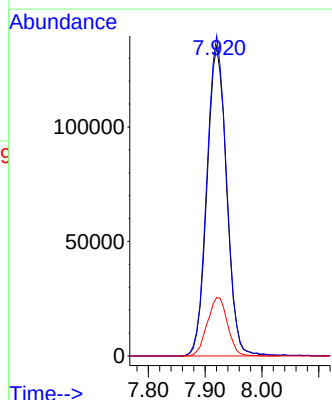
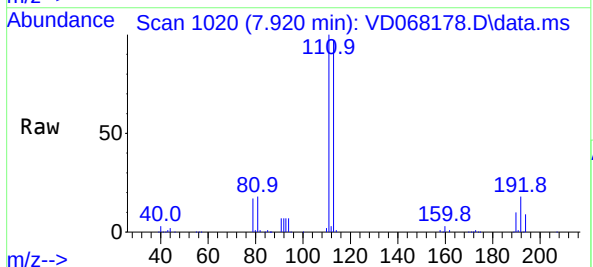
Instrument :
MSVOA_D
ClientSampleId :
EO-02-012521

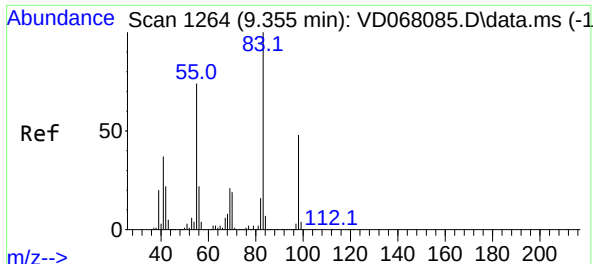
Tgt Ion:114 Resp: 1089924
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 16.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.67 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

Tgt Ion:113 Resp: 323382
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 19.4 16.1 24.1

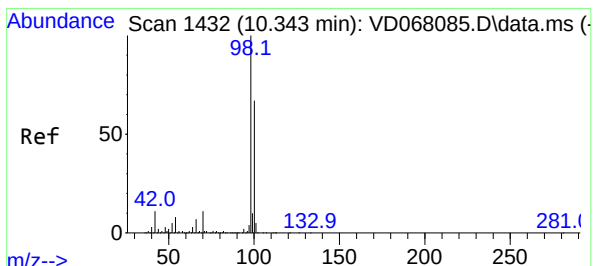
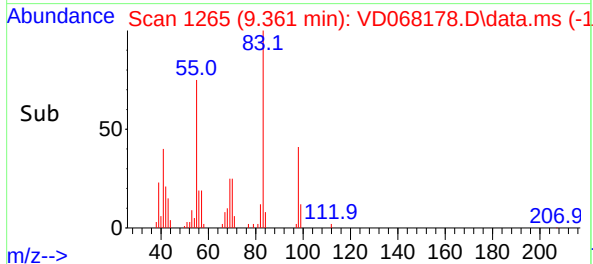
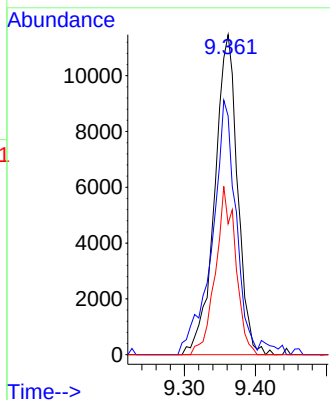
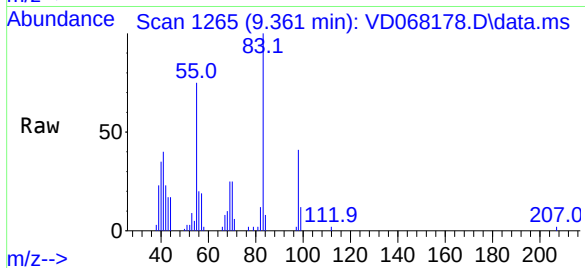




#39
Methylcyclohexane
Concen: 1.78 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

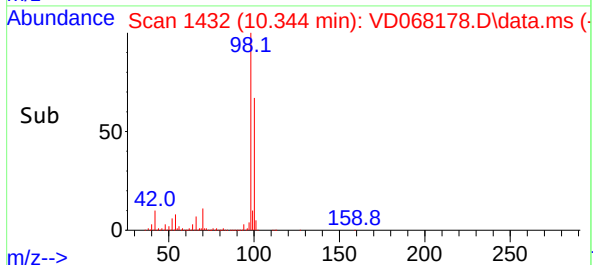
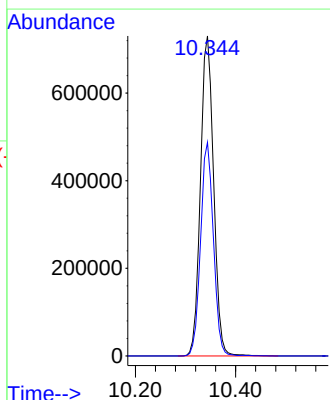
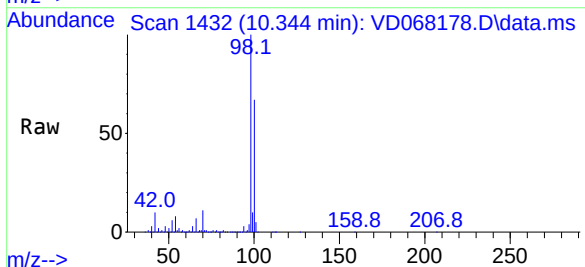
Instrument :
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ClientSampleId :
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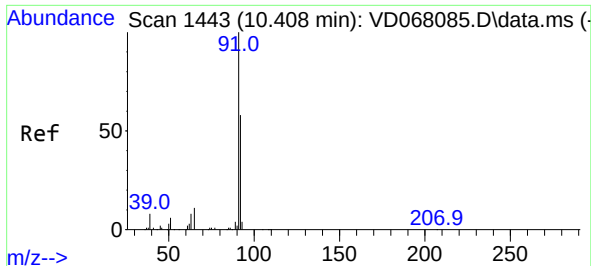
Tgt Ion: 83 Resp: 25632
Ion Ratio Lower Upper
83 100
55 74.6 55.2 82.8
98 40.9 39.1 58.7



#50
Toluene-d8
Concen: 55.14 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

Tgt Ion: 98 Resp: 1329019
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

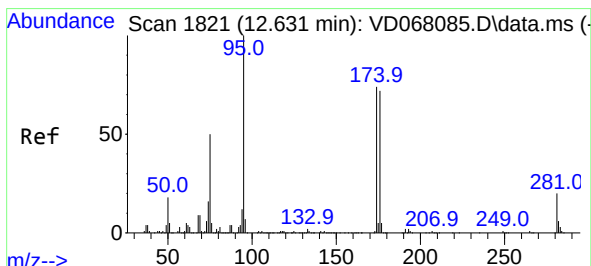
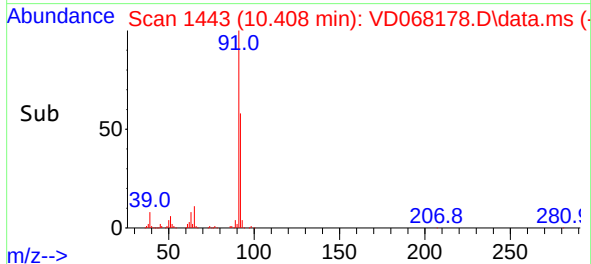
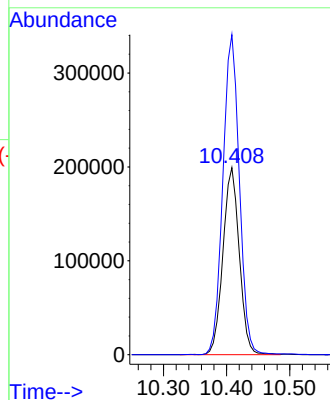
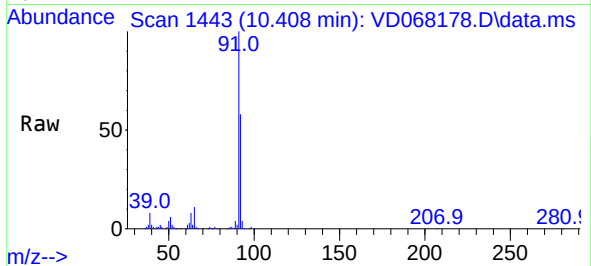




#52
Toluene
Concen: 17.91 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

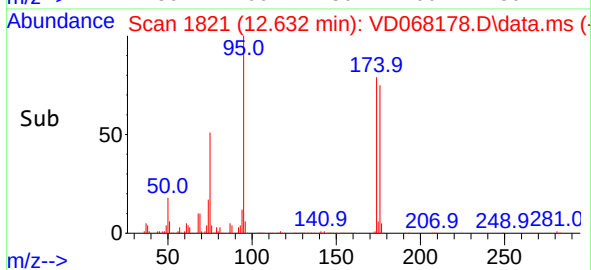
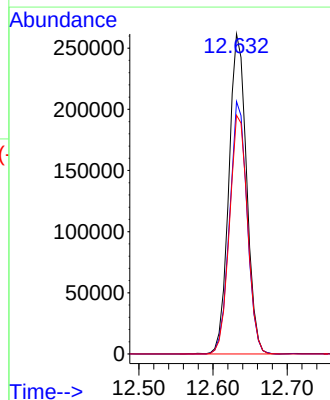
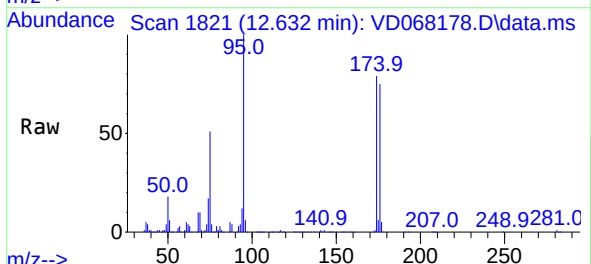
Instrument :
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ClientSampleId :
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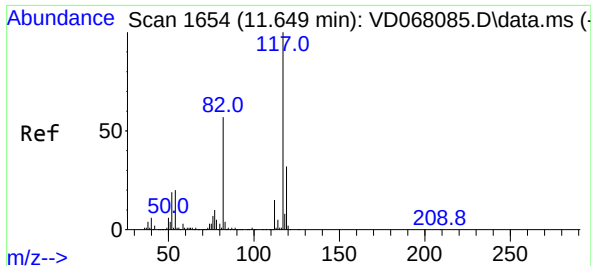
Tgt Ion: 92 Resp: 358583
Ion Ratio Lower Upper
92 100
91 172.8 134.1 201.1



#62
4-Bromofluorobenzene
Concen: 49.86 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

Tgt Ion: 95 Resp: 432802
Ion Ratio Lower Upper
95 100
174 77.9 0.0 172.4
176 75.9 0.0 168.4

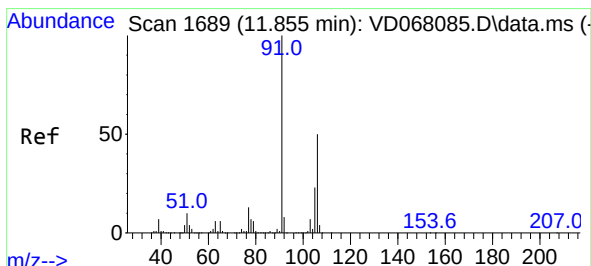
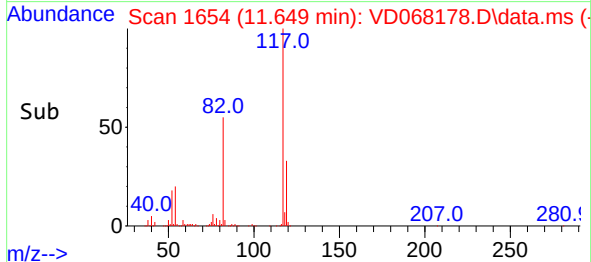
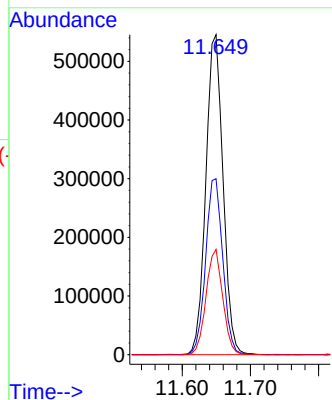
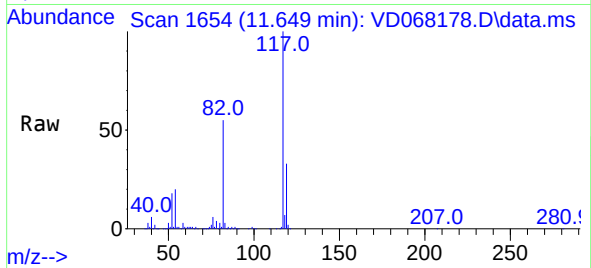




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

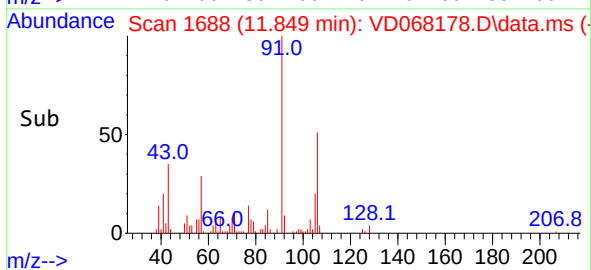
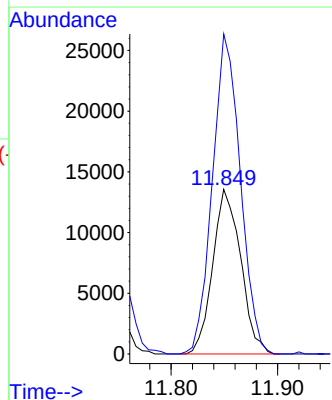
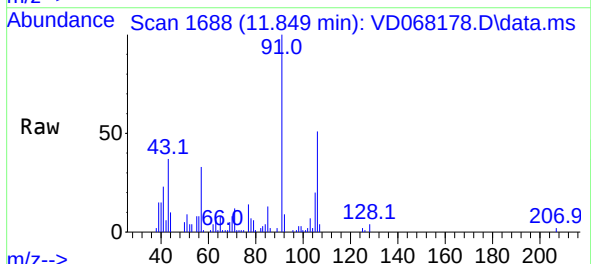
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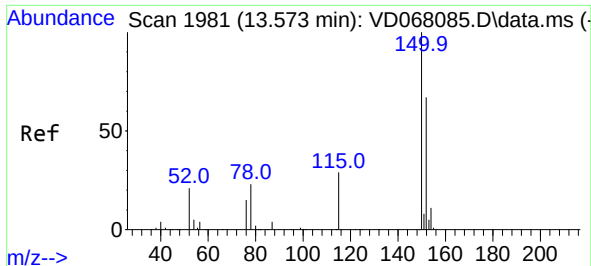
Tgt Ion:	117	Resp:	955682
Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.4	62.0
119	32.9	26.1	39.1



#68
m/p-Xylenes
Concen: 1.74 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

Tgt Ion:	106	Resp:	24692
Ion	Ratio	Lower	Upper
106	100		
91	194.0	159.1	238.7

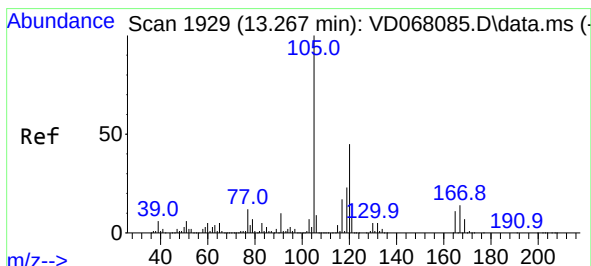
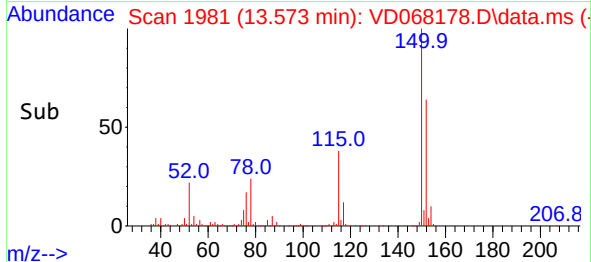
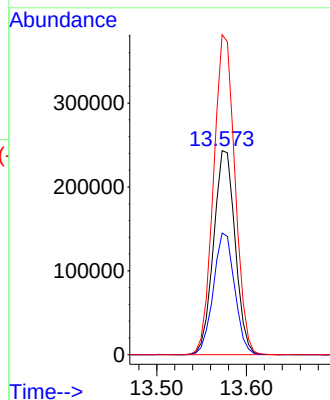
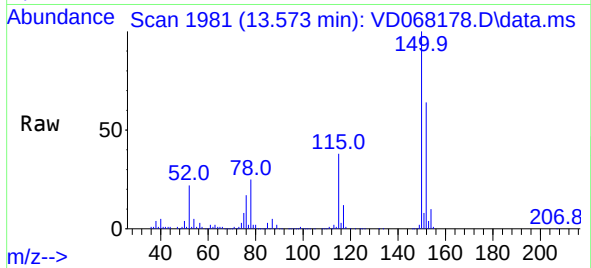




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

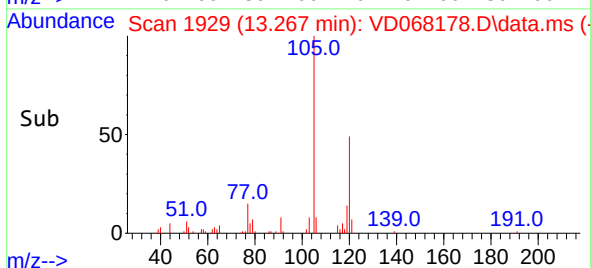
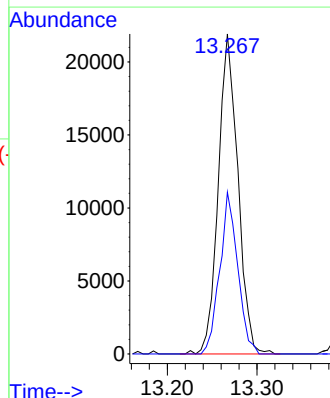
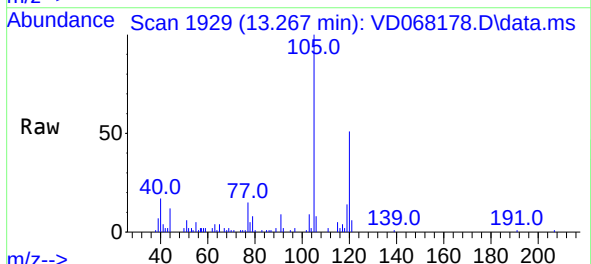
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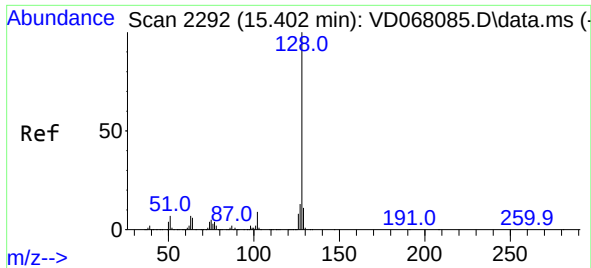
Tgt Ion:152 Resp: 406782
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 156.0 0.0 344.4



#84
1,2,4-Trimethylbenzene
Concen: 1.19 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

Tgt Ion:105 Resp: 33203
Ion Ratio Lower Upper
105 100
120 46.4 22.4 67.0





#95
Naphthalene
Concen: 7.20 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068178.D
Acq: 25 Jan 2021 20:01

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:	128	Resp:	110665
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.2	8.8	13.2

