

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
 Data File : VD068177.D
 Acq On : 25 Jan 2021 19:34
 Operator : VA/SY
 Sample : M1228-01
 Misc : 6.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-012521

Quant Time: Jan 26 00:10:51 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)

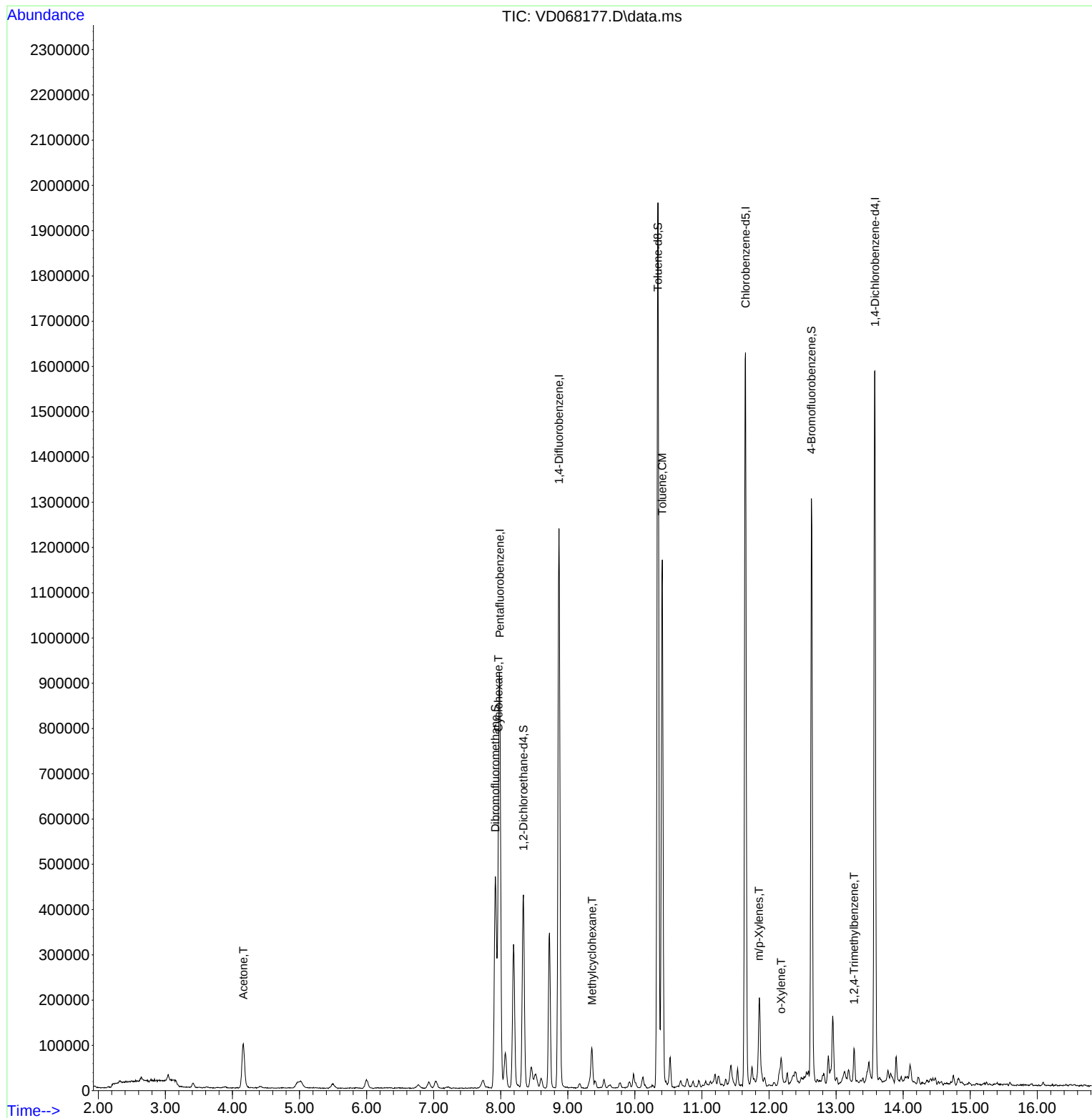
Internal Standards						
1) Pentafluorobenzene	7.985	168	646041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1127021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	985997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	440475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	344685	55.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.54%
35) Dibromofluoromethane	7.920	113	333613	53.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.08%
50) Toluene-d8	10.344	98	1361161	54.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.22%
62) 4-Bromofluorobenzene	12.632	95	449844	50.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.24%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	173108	156.87	ug/l	95
31) Cyclohexane	7.967	56	60579	4.53	ug/l #	64
39) Methylcyclohexane	9.361	83	37560	2.53	ug/l	97
52) Toluene	10.408	92	528936	25.55	ug/l	98
68) m/p-Xylenes	11.849	106	34113	2.33	ug/l	94
69) o-Xylene	12.179	106	13963	1.03	ug/l	95
84) 1,2,4-Trimethylbenzene	13.267	105	43709	1.44	ug/l	99

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

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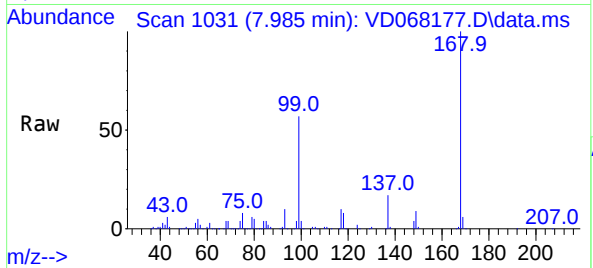
Quant Time: Jan 26 00:10:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration



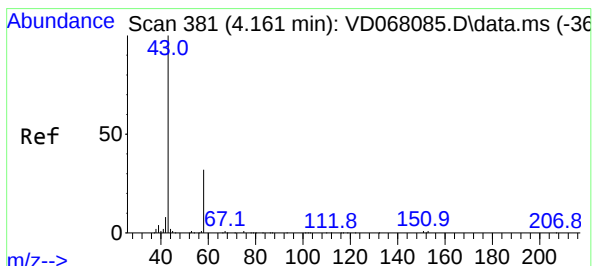
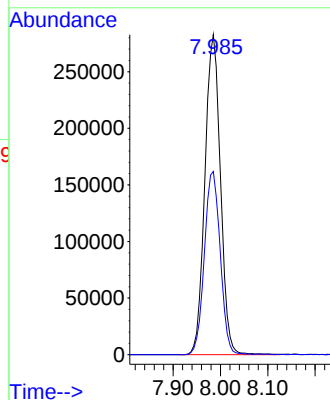
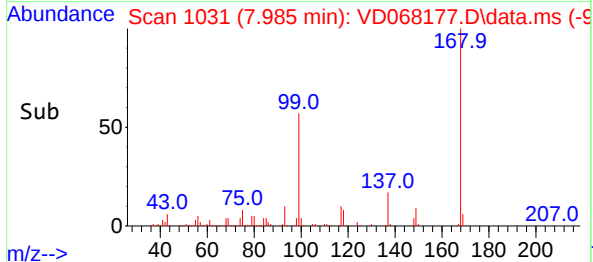


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

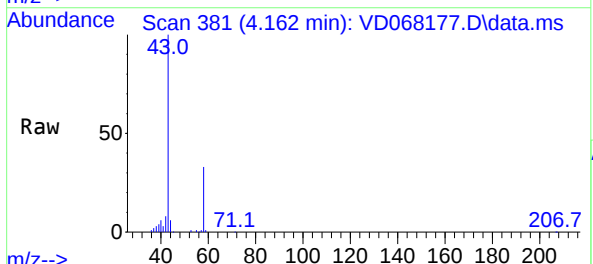
Instrument :
MSVOA_D
ClientSampleId :
OK-01-012521



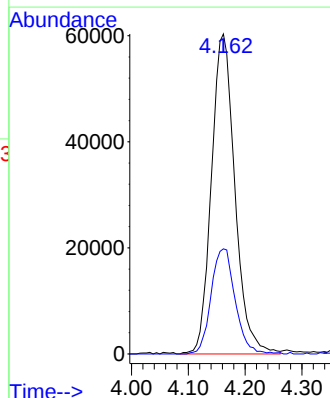
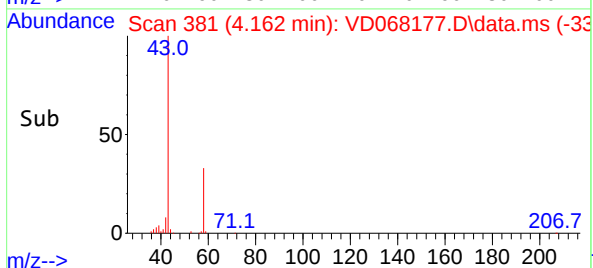
Tgt Ion:168 Resp: 646041
Ion Ratio Lower Upper
168 100
99 57.2 43.5 65.3

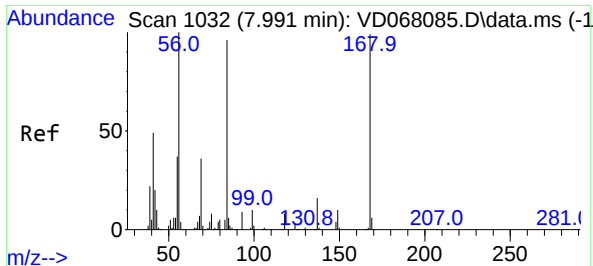


#16
Acetone
Concen: 156.87 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34



Tgt Ion: 43 Resp: 173108
Ion Ratio Lower Upper
43 100
58 32.8 24.2 36.4

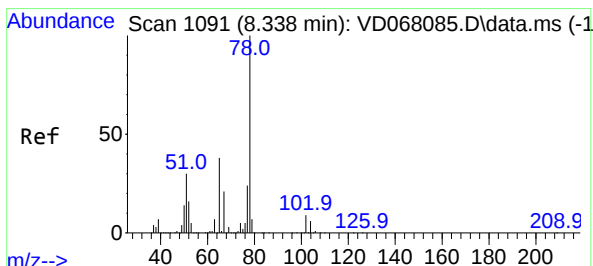
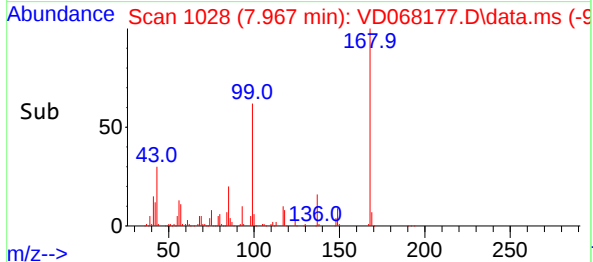
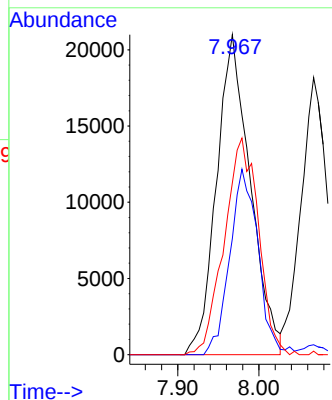
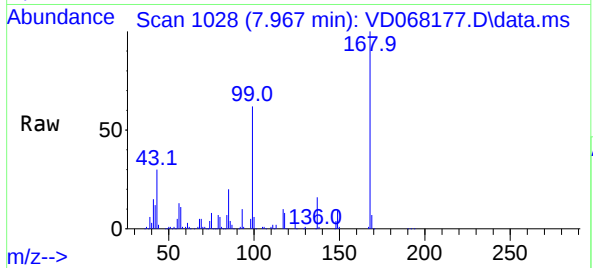




#31
Cyclohexane
Concen: 4.53 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.023 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

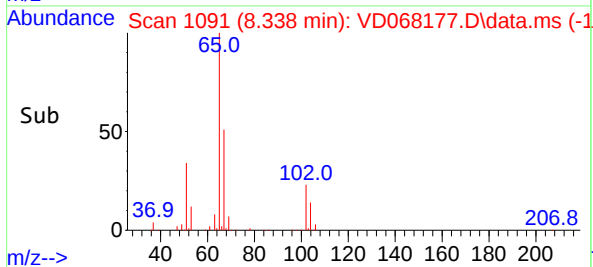
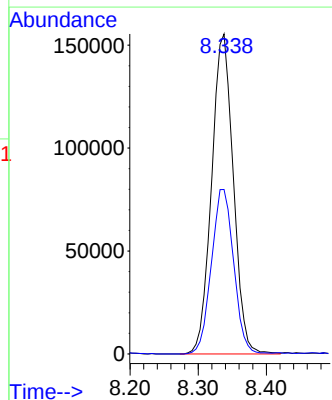
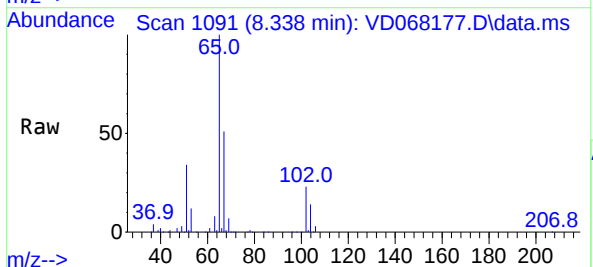
Instrument :
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ClientSampleId :
OK-01-012521

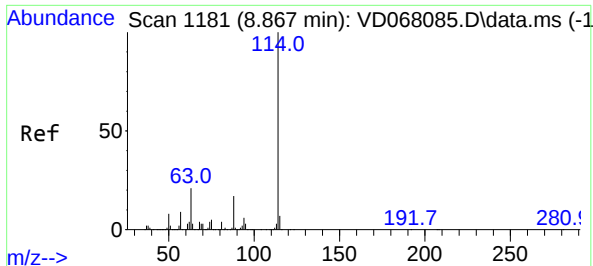
Tgt Ion: 56 Resp: 60579
Ion Ratio Lower Upper
56 100
69 36.3 30.1 45.1
84 53.7 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 55.77 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

Tgt Ion: 65 Resp: 344685
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



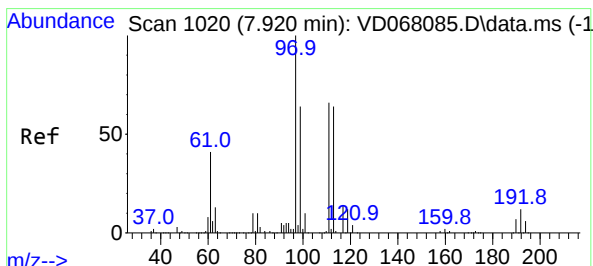
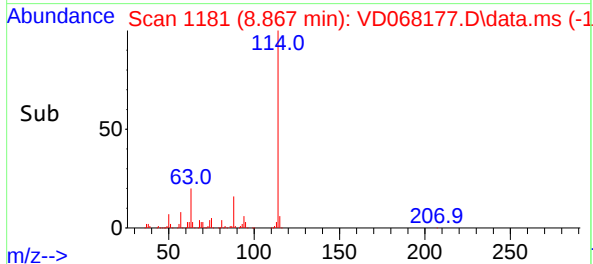
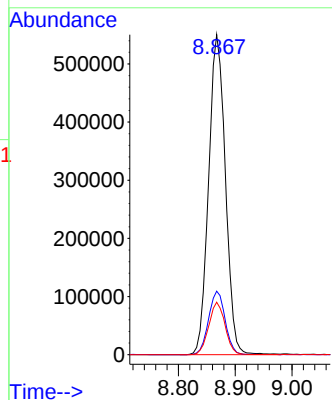
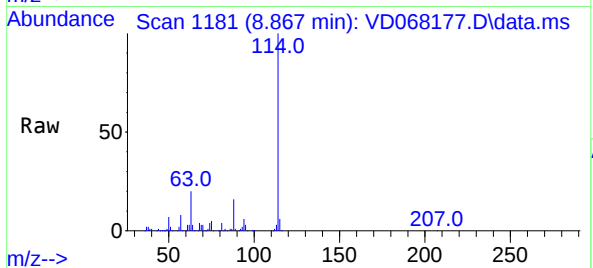


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

Instrument :
MSVOA_D
ClientSampleId :
OK-01-012521

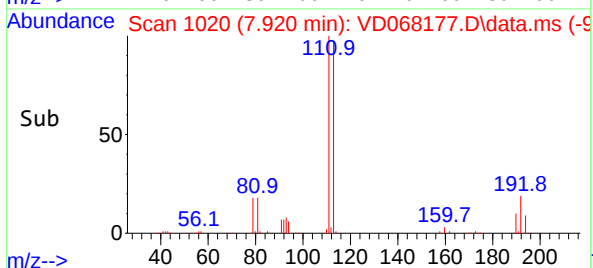
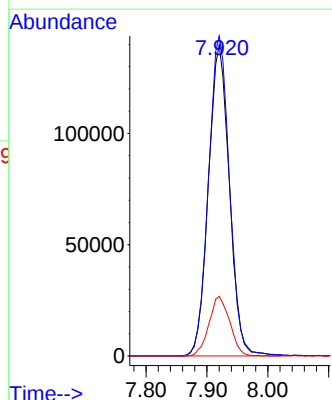
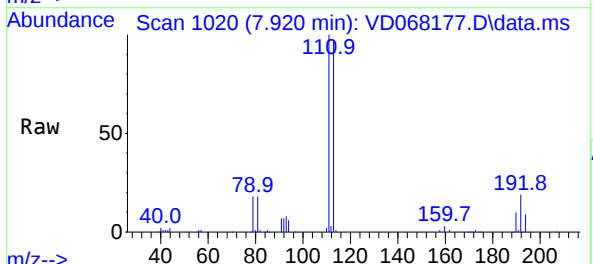
Tgt Ion:114 Resp: 1127021
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 16.4 0.0 31.6

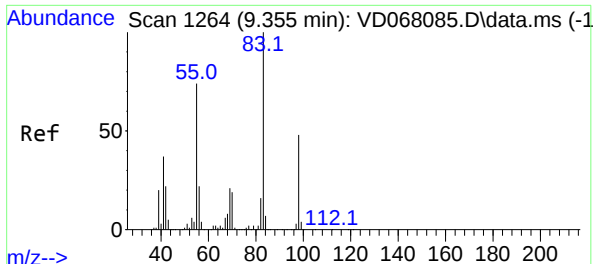


#35

Dibromofluoromethane
Concen: 53.54 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

Tgt Ion:113 Resp: 333613
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 19.0 16.1 24.1

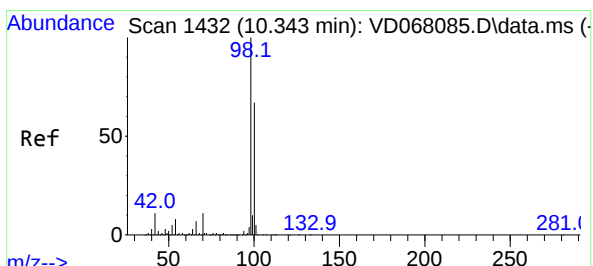
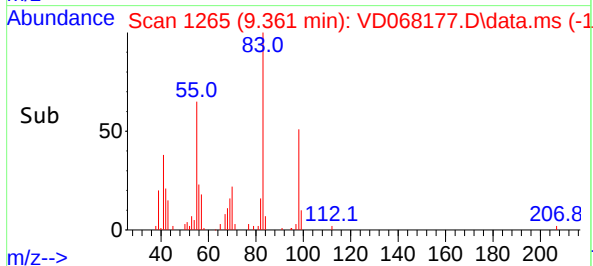
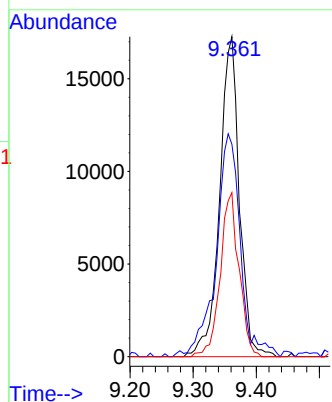
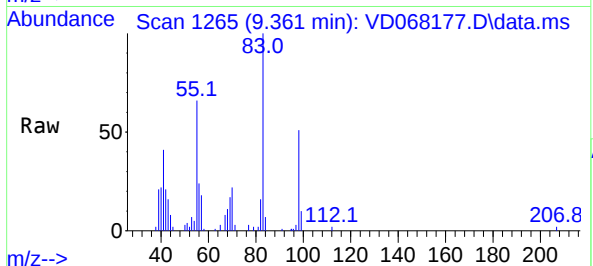




#39
Methylcyclohexane
Concen: 2.53 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

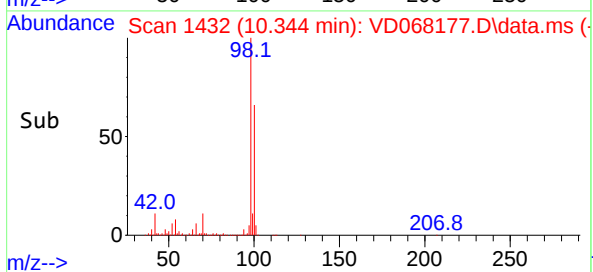
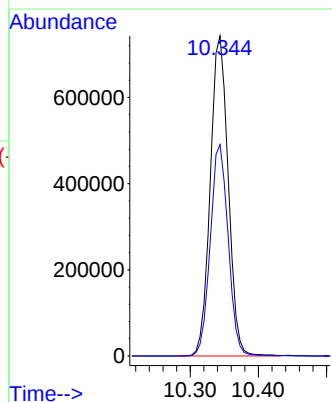
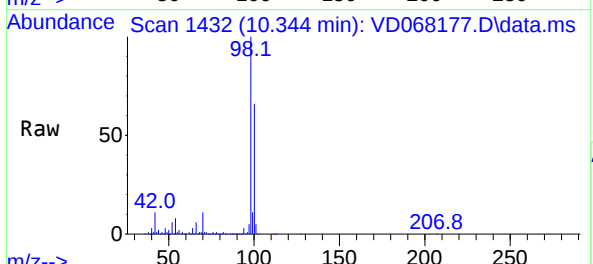
Instrument :
MSVOA_D
ClientSampleId :
OK-01-012521

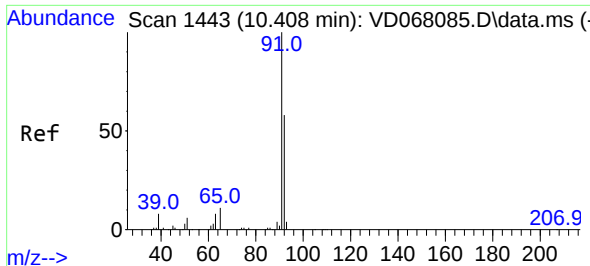
Tgt Ion: 83 Resp: 37560
Ion Ratio Lower Upper
83 100
55 66.4 55.2 82.8
98 51.3 39.1 58.7



#50
Toluene-d8
Concen: 54.61 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

Tgt Ion: 98 Resp: 1361161
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

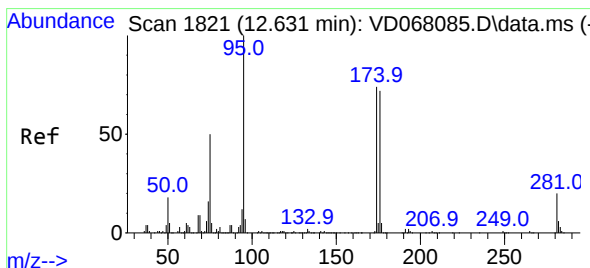
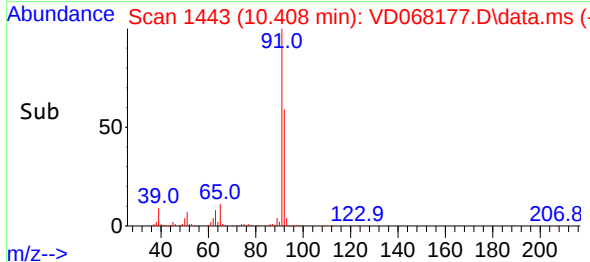
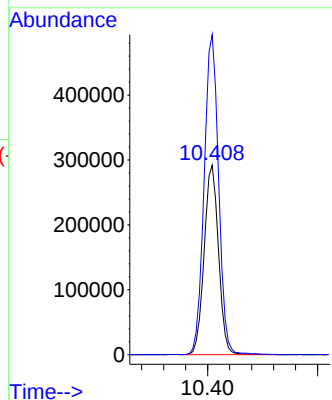
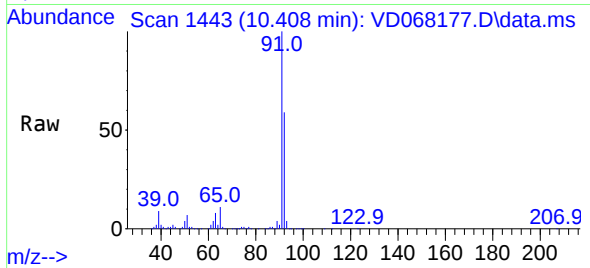




#52
Toluene
Concen: 25.55 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

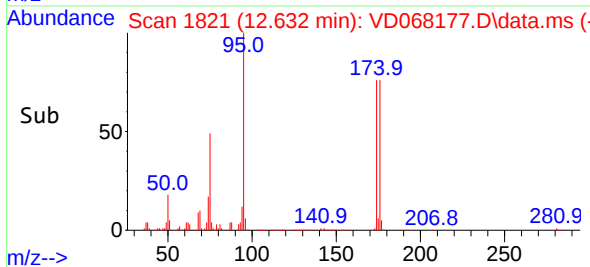
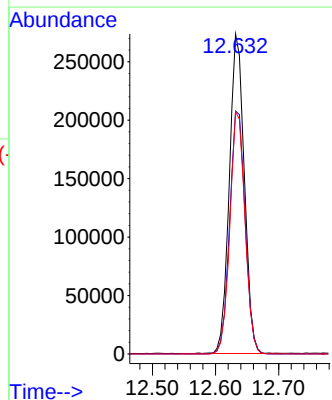
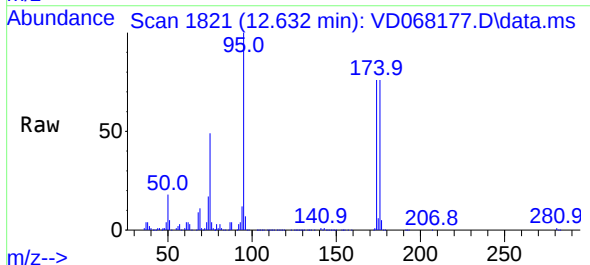
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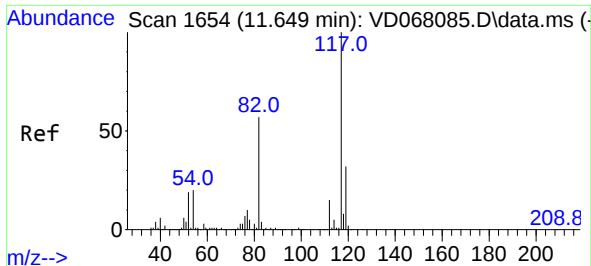
Tgt Ion: 92 Resp: 528936
Ion Ratio Lower Upper
92 100
91 170.5 134.1 201.1



#62
4-Bromofluorobenzene
Concen: 50.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

Tgt Ion: 95 Resp: 449844
Ion Ratio Lower Upper
95 100
174 78.5 0.0 172.4
176 76.3 0.0 168.4

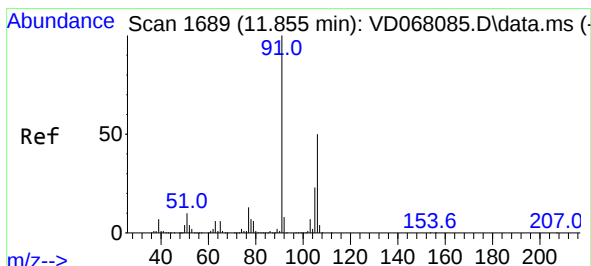
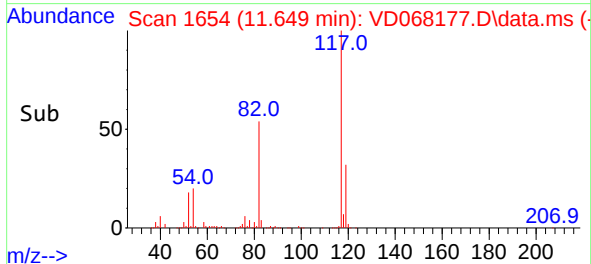
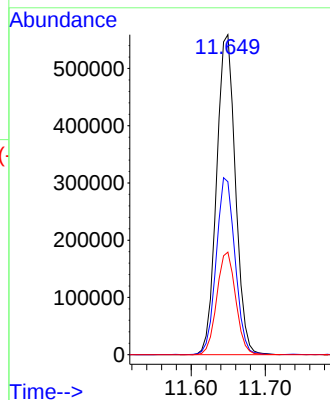
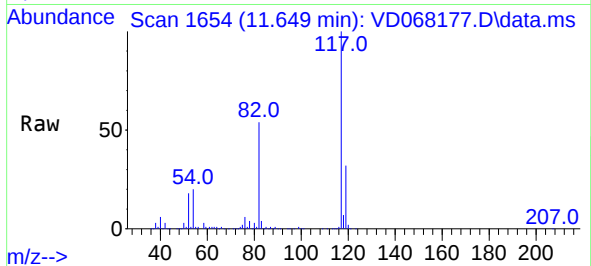




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

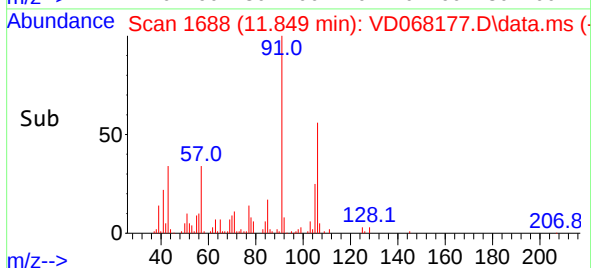
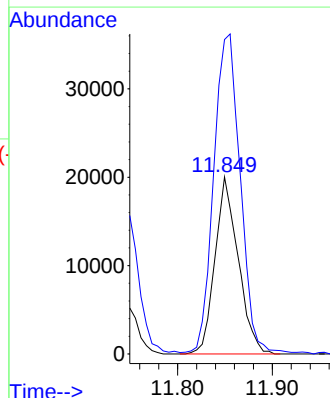
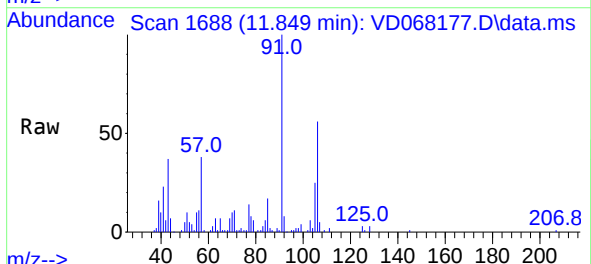
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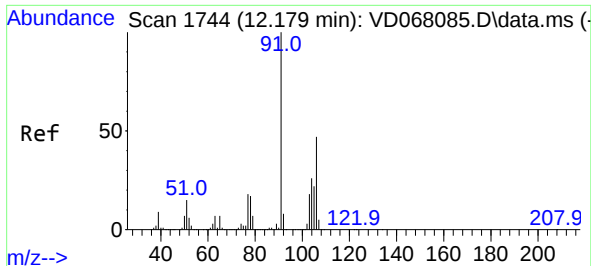
Tgt Ion:	117	Resp:	985997
Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.4	62.0
119	32.0	26.1	39.1



#68
m/p-Xylenes
Concen: 2.33 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

Tgt Ion:	106	Resp:	34113
Ion	Ratio	Lower	Upper
106	100		
91	207.7	159.1	238.7

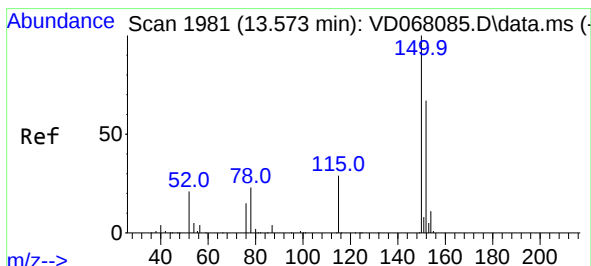
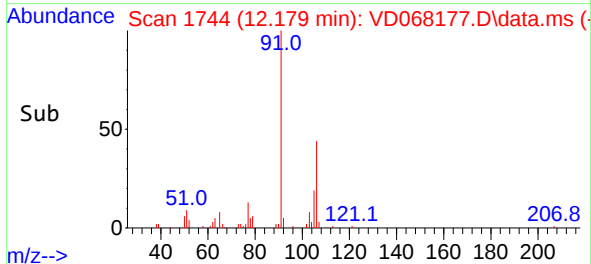
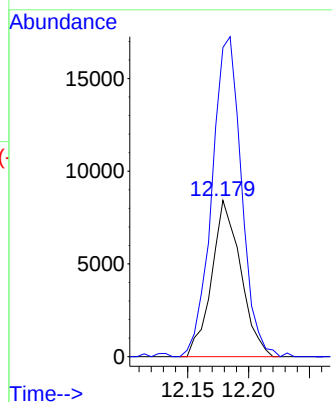
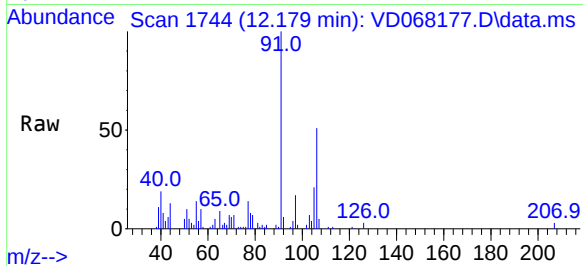




#69
o-Xylene
Concen: 1.03 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

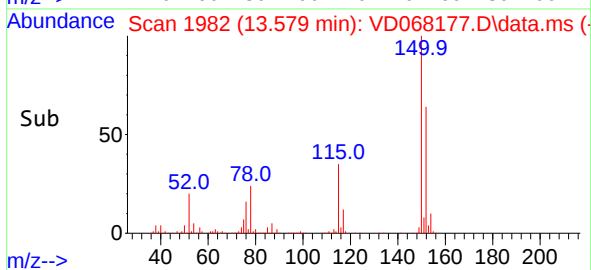
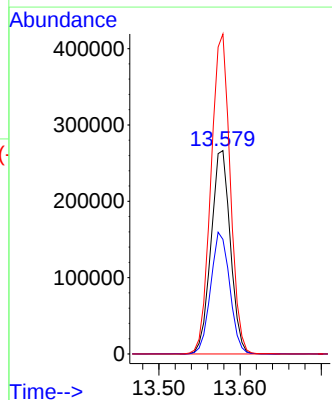
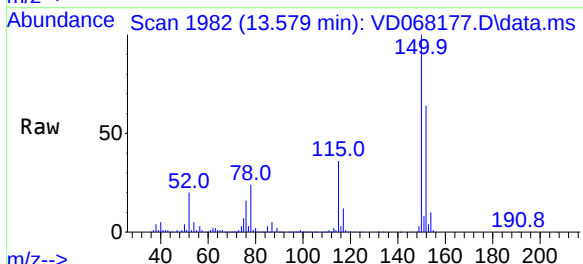
Instrument :
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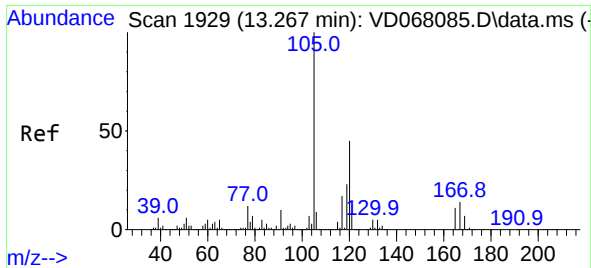
Tgt Ion:106 Resp: 13963
Ion Ratio Lower Upper
106 100
91 208.9 108.7 325.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068177.D
Acq: 25 Jan 2021 19:34

Tgt Ion:152 Resp: 440475
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 156.4 0.0 344.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.44 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: VD068177.D
 Acq: 25 Jan 2021 19:34

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-012521

Tgt Ion:105 Resp: 43709
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.4 67.0

