

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068527.D
 Acq On : 04 Mar 2021 16:05
 Operator : VA/SY
 Sample : M1565-01
 Misc : 3.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Mar 05 00:02:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

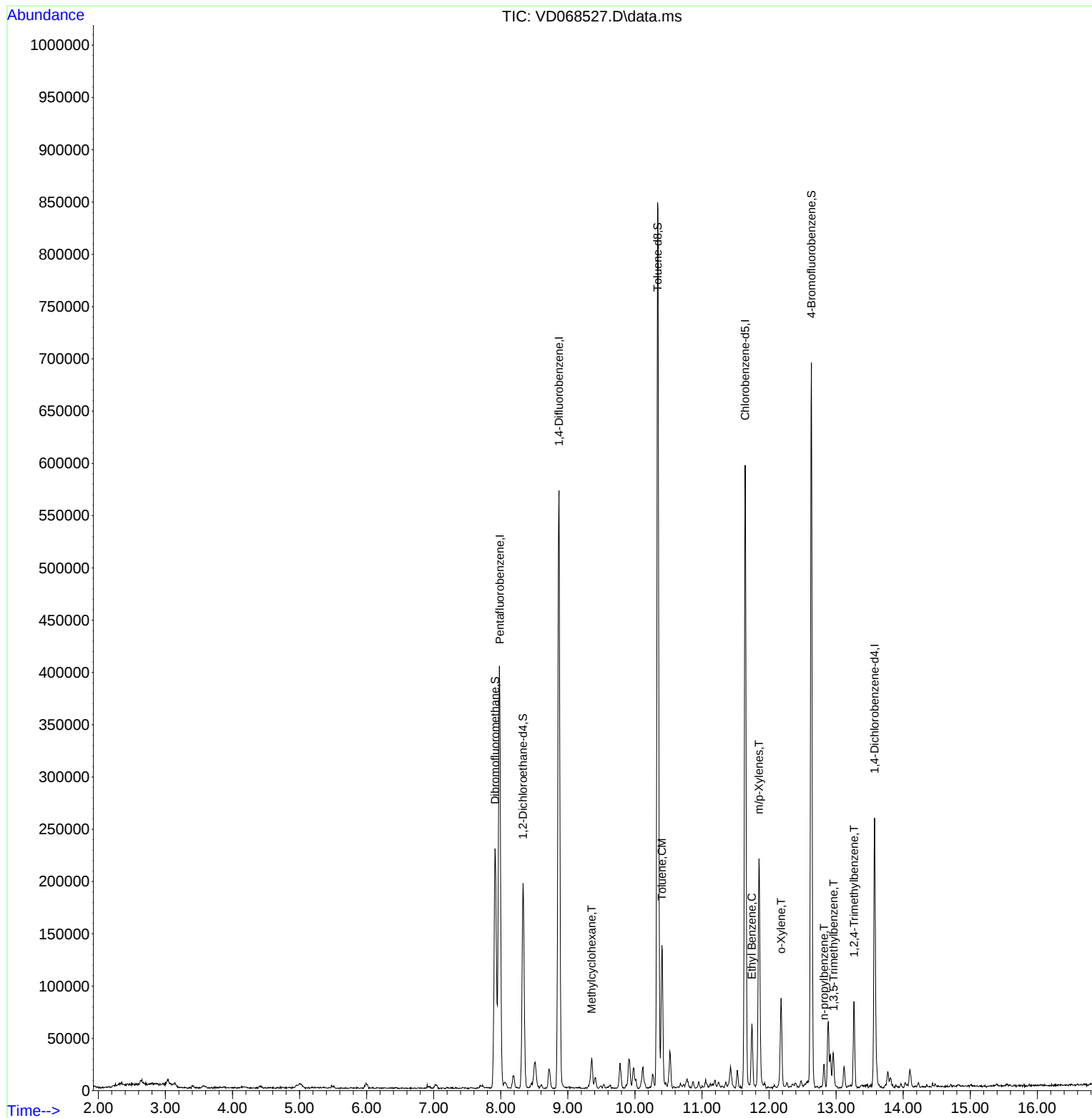
Internal Standards						
1) Pentafluorobenzene	7.985	168	303271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	518925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	360642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	68590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152237	50.24	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.48%			
35) Dibromofluoromethane	7.914	113	167446	53.57	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.14%			
50) Toluene-d8	10.338	98	612150	49.16	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.32%			
62) 4-Bromofluorobenzene	12.632	95	111140	27.70	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 55.40%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.355	83	9067	1.49	ug/l	94
52) Toluene	10.402	92	58919	6.52	ug/l	93
67) Ethyl Benzene	11.743	91	43759	3.34	ug/l	100
68) m/p-Xylenes	11.849	106	67072	13.47	ug/l	96
69) o-Xylene	12.179	106	25615	5.59	ug/l	86
78) n-propylbenzene	12.820	91	18325	3.01	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	14368	3.45	ug/l	94
84) 1,2,4-Trimethylbenzene	13.267	105	46216	11.07	ug/l	98

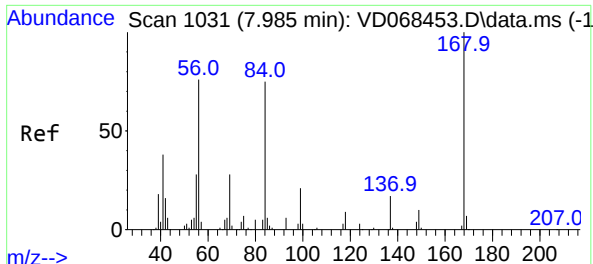
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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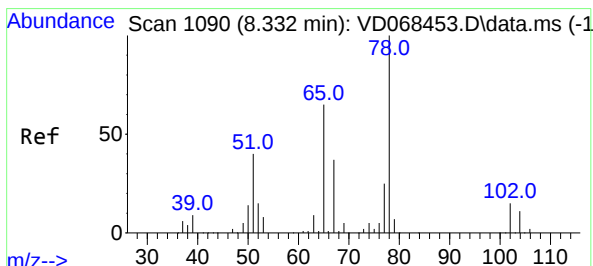
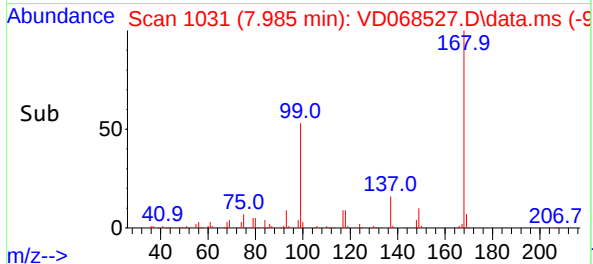
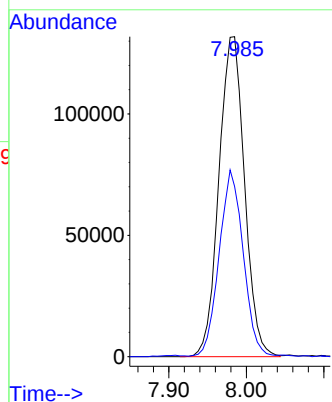
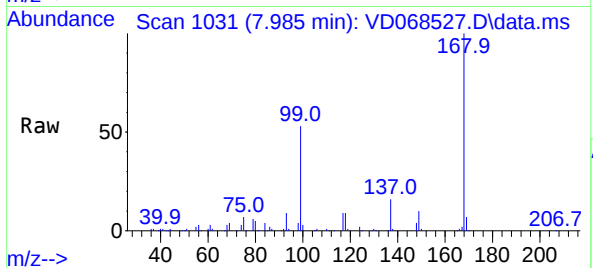




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

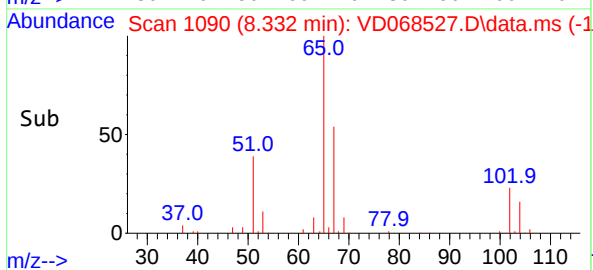
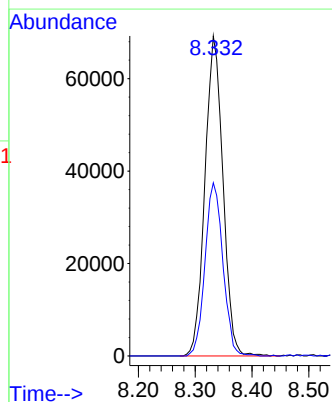
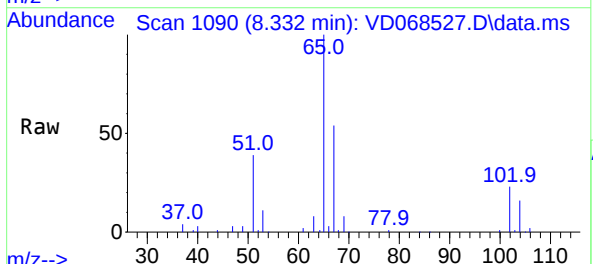
Instrument :
MSVOA_D
ClientSampleId :
TP-1

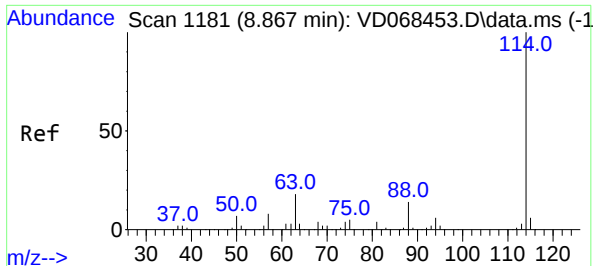
Tgt Ion:168 Resp: 303271
Ion Ratio Lower Upper
168 100
99 52.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 50.24 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

Tgt Ion: 65 Resp: 152237
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.0

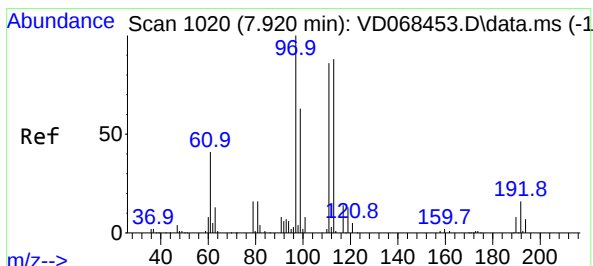
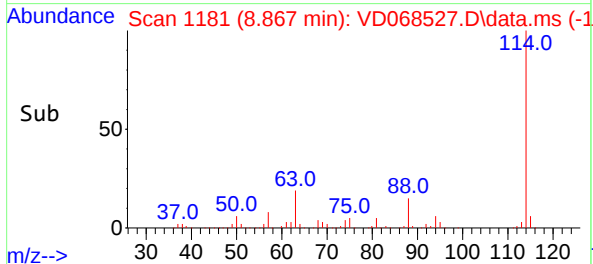
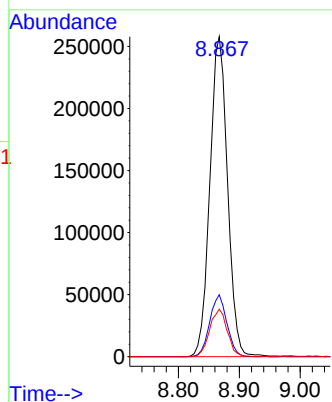
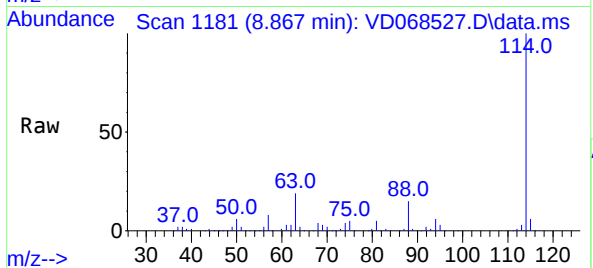




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

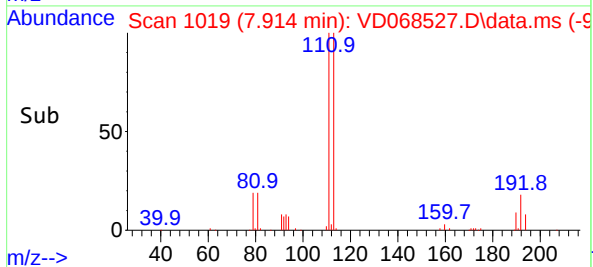
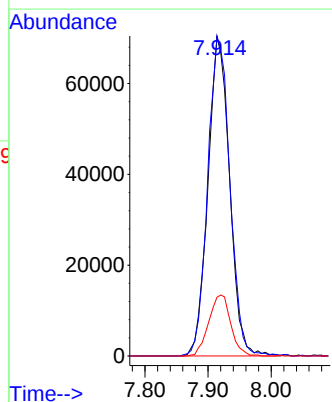
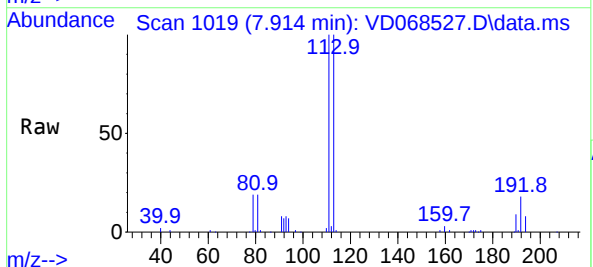
Instrument :
MSVOA_D
ClientSampled :
TP-1

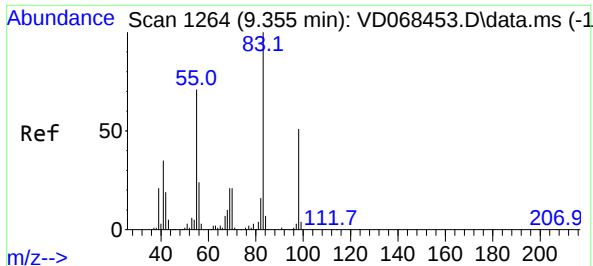
Tgt Ion:114 Resp: 518925
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 14.8 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.57 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

Tgt Ion:113 Resp: 167446
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 19.4 16.1 24.1





#39

Methylcyclohexane

Concen: 1.49 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

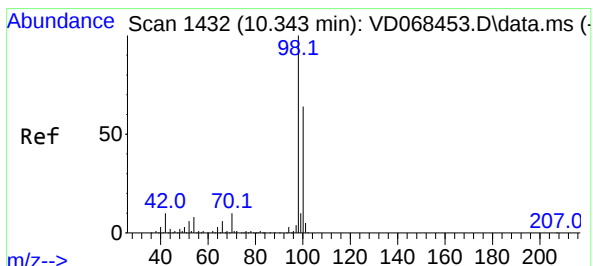
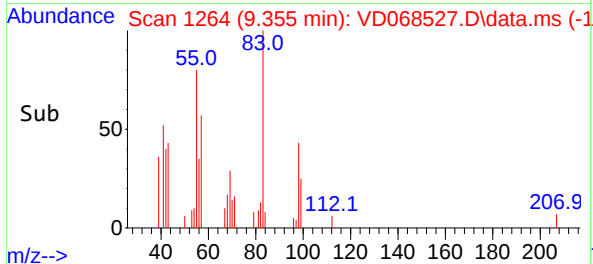
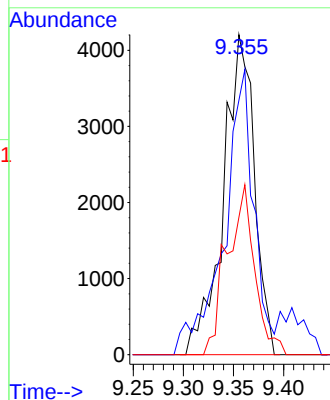
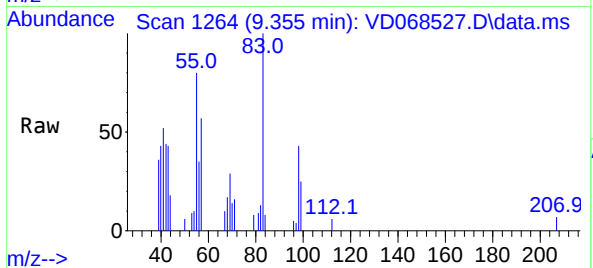
Lab File: VD068527.D

Acq: 04 Mar 2021 16:05

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tgt Ion: 83 Resp: 9067

Ion	Ratio	Lower	Upper
83	100		
55	72.7	55.2	82.8
98	42.9	39.1	58.7



#50

Toluene-d8

Concen: 49.16 ug/l

RT: 10.338 min Scan# 1431

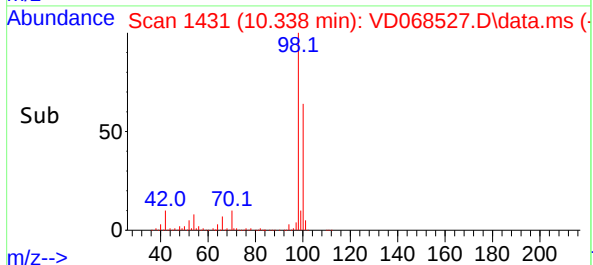
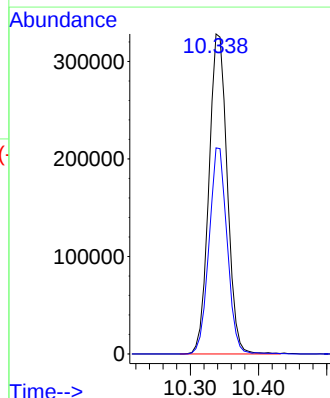
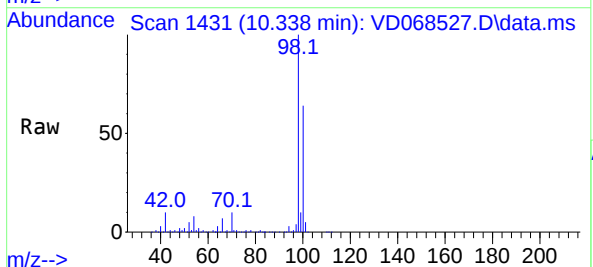
Delta R.T. -0.006 min

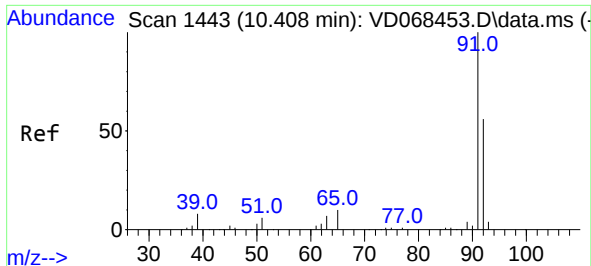
Lab File: VD068527.D

Acq: 04 Mar 2021 16:05

Tgt Ion: 98 Resp: 612150

Ion	Ratio	Lower	Upper
98	100		
100	63.7	53.0	79.4

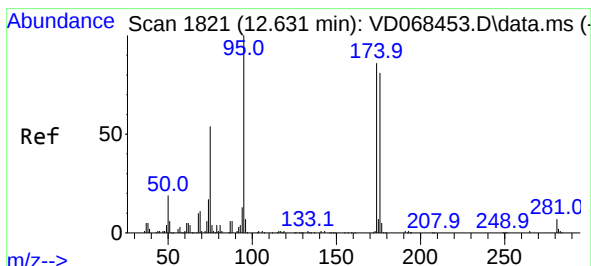
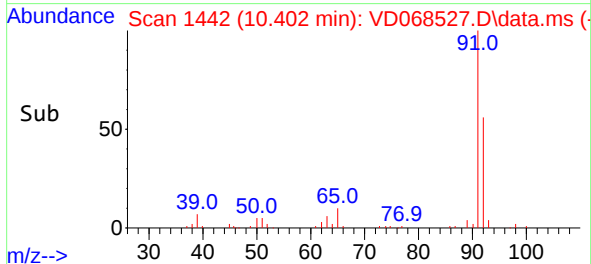
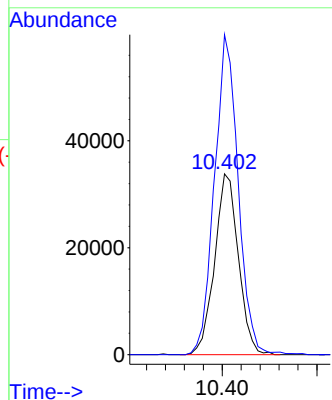
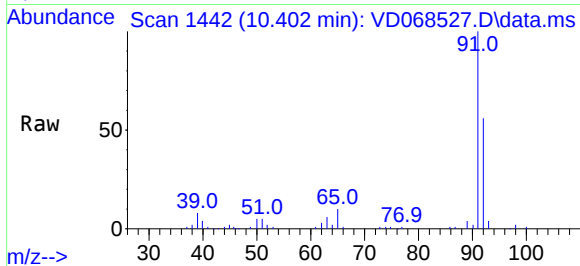




#52
Toluene
Concen: 6.52 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

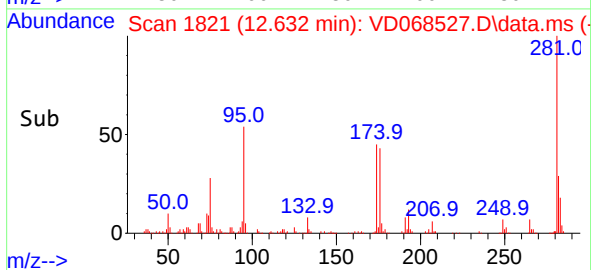
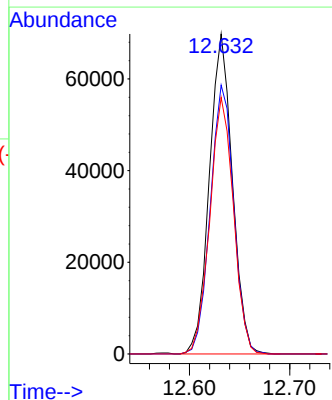
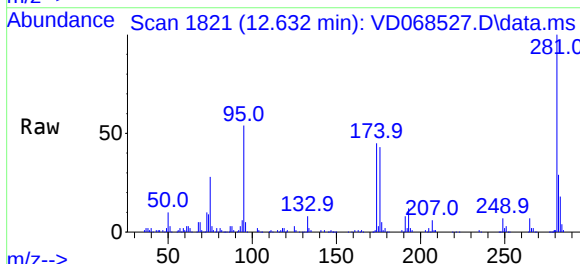
Instrument :
MSVOA_D
ClientSampled :
TP-1

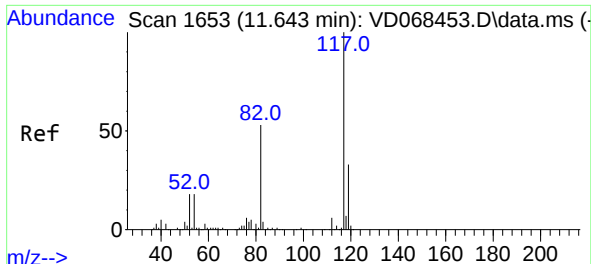
Tgt Ion: 92 Resp: 58919
Ion Ratio Lower Upper
92 100
91 176.7 134.1 201.1



#62
4-Bromofluorobenzene
Concen: 27.70 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

Tgt Ion: 95 Resp: 111140
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.4
176 82.2 0.0 168.4

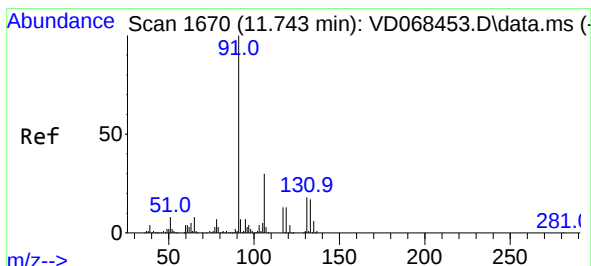
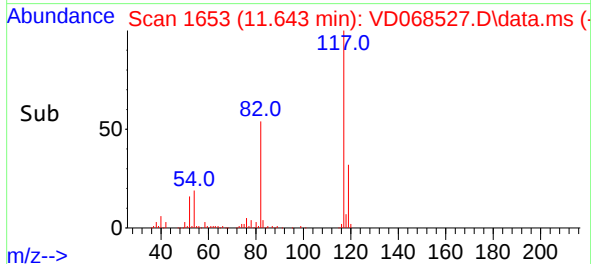
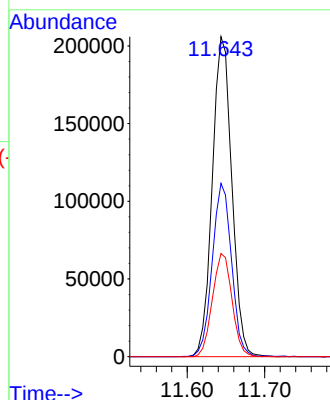
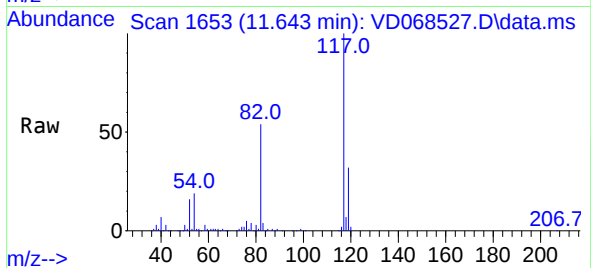




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

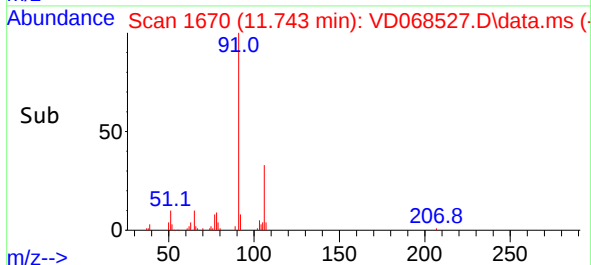
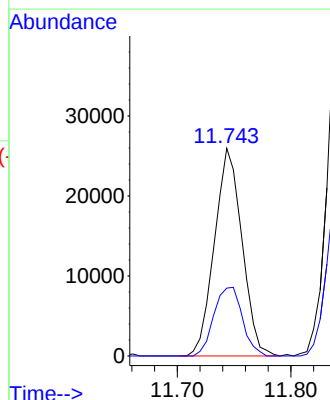
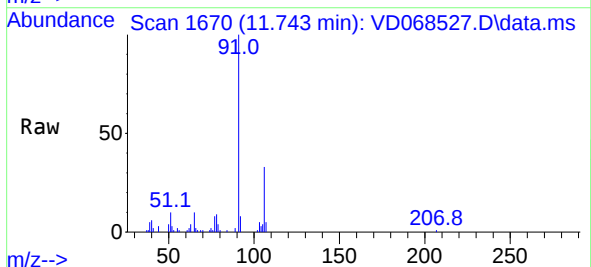
Instrument :
MSVOA_D
ClientSampleId :
TP-1

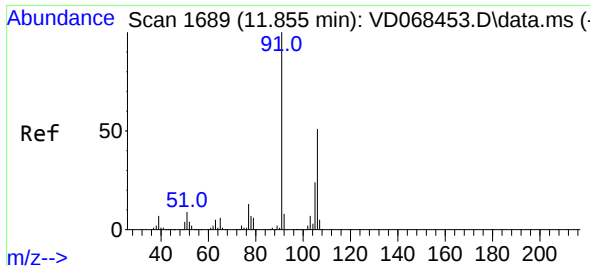
Tgt Ion:117 Resp: 360642
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 32.3 26.1 39.1



#67
Ethyl Benzene
Concen: 3.34 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

Tgt Ion: 91 Resp: 43759
Ion Ratio Lower Upper
91 100
106 32.7 25.9 38.9

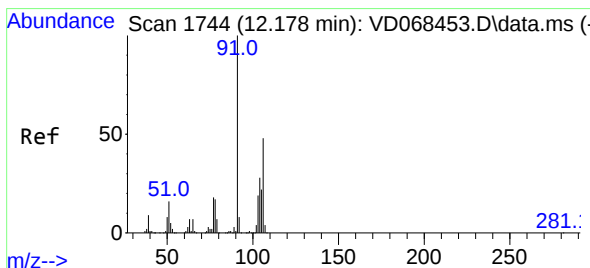
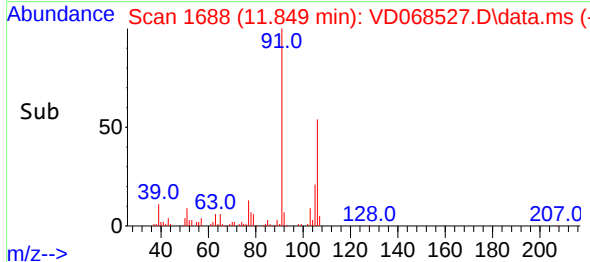
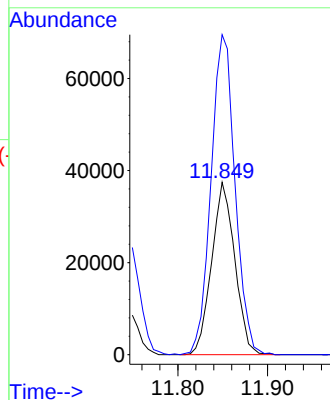
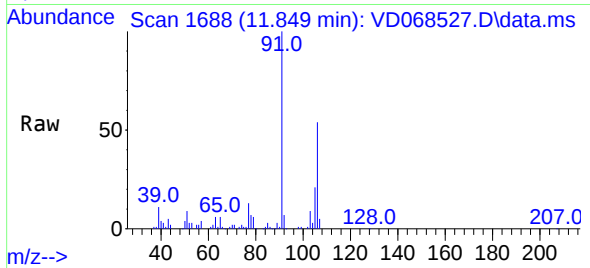




#68
m/p-Xylenes
Concen: 13.47 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

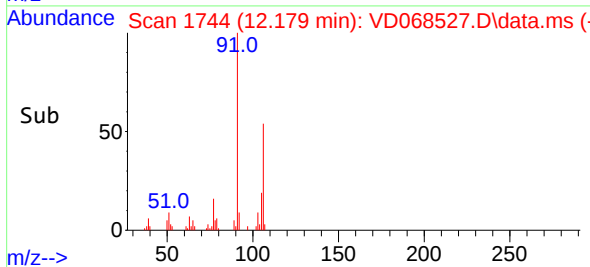
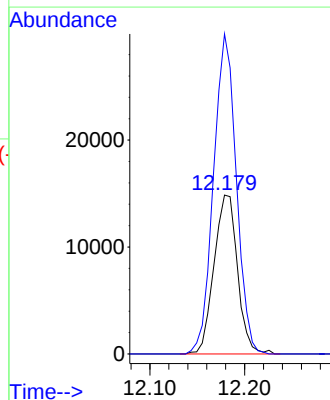
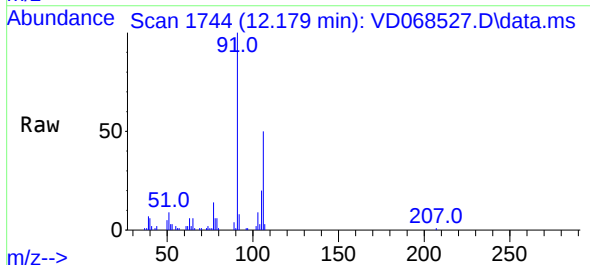
Instrument :
MSVOA_D
ClientSampleId :
TP-1

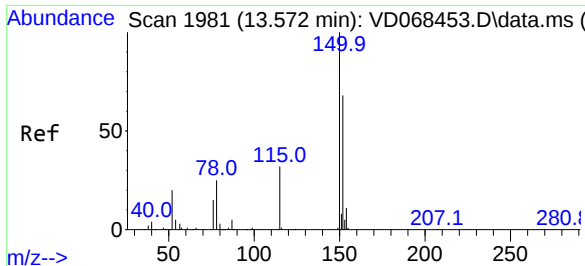
Tgt Ion:106 Resp: 67072
Ion Ratio Lower Upper
106 100
91 192.6 159.1 238.7



#69
o-Xylene
Concen: 5.59 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

Tgt Ion:106 Resp: 25615
Ion Ratio Lower Upper
106 100
91 195.4 108.7 325.9

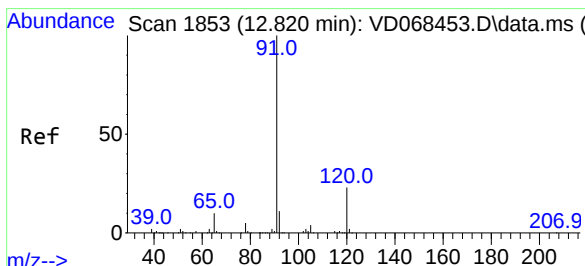
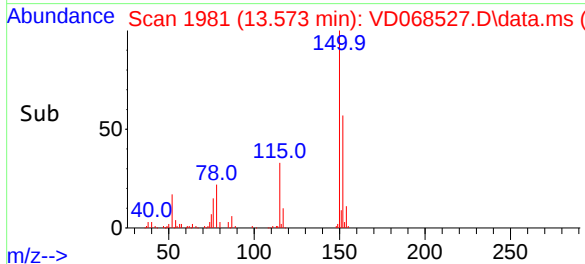
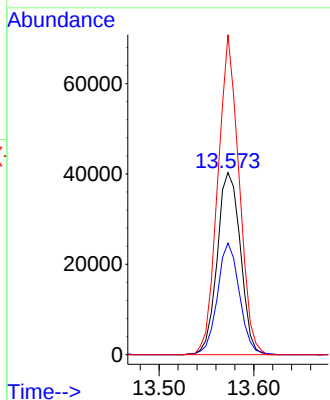
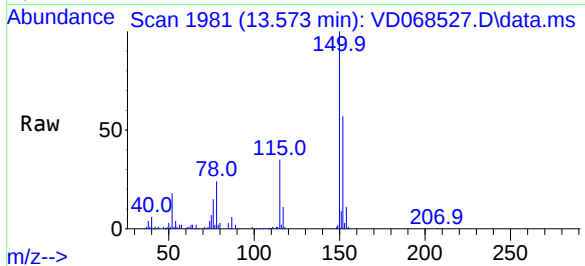




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

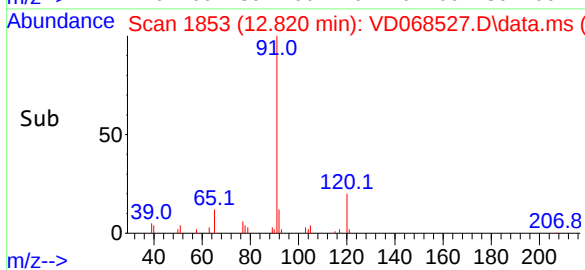
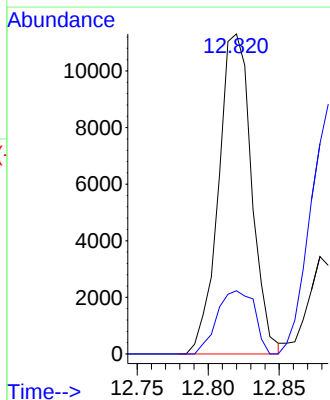
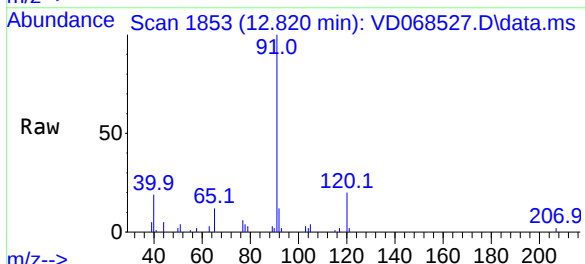
Instrument :
MSVOA_D
ClientSampleId :
TP-1

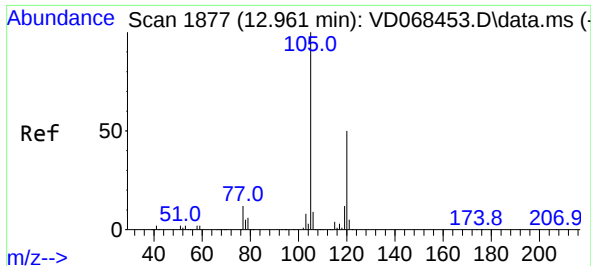
Tgt Ion:152 Resp: 68590
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 160.9 0.0 344.4



#78
n-propylbenzene
Concen: 3.01 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

Tgt Ion: 91 Resp: 18325
Ion Ratio Lower Upper
91 100
120 22.3 12.0 36.0

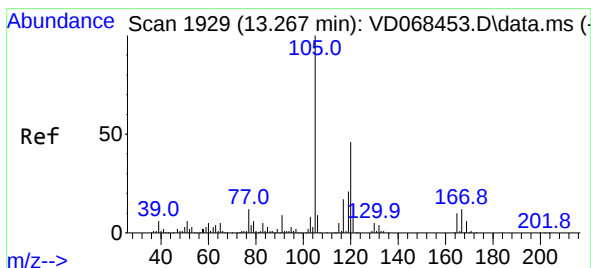
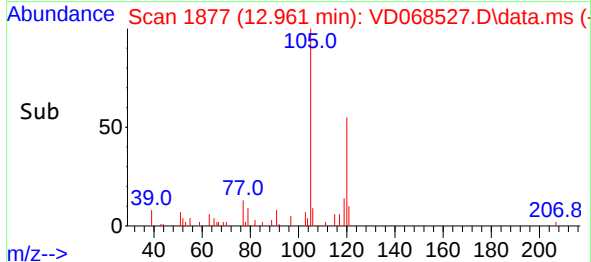
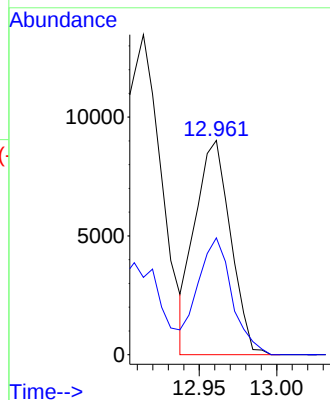
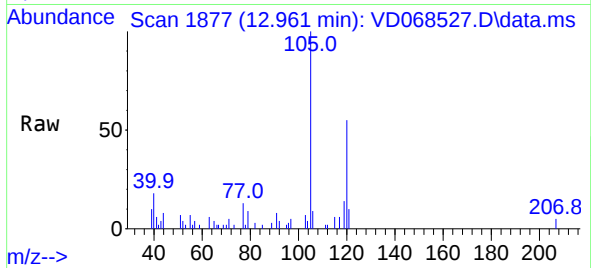




#80
1,3,5-Trimethylbenzene
Concen: 3.45 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tgt Ion:105 Resp: 14368
Ion Ratio Lower Upper
105 100
120 52.8 24.2 72.6



#84
1,2,4-Trimethylbenzene
Concen: 11.07 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068527.D
Acq: 04 Mar 2021 16:05

Tgt Ion:105 Resp: 46216
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0

