

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122920\
 Data File : VD067967.D
 Acq On : 29 Dec 2020 15:59
 Operator : VA/SY
 Sample : L5235-01
 Misc : 5.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-122920

Quant Time: Dec 30 00:14:03 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

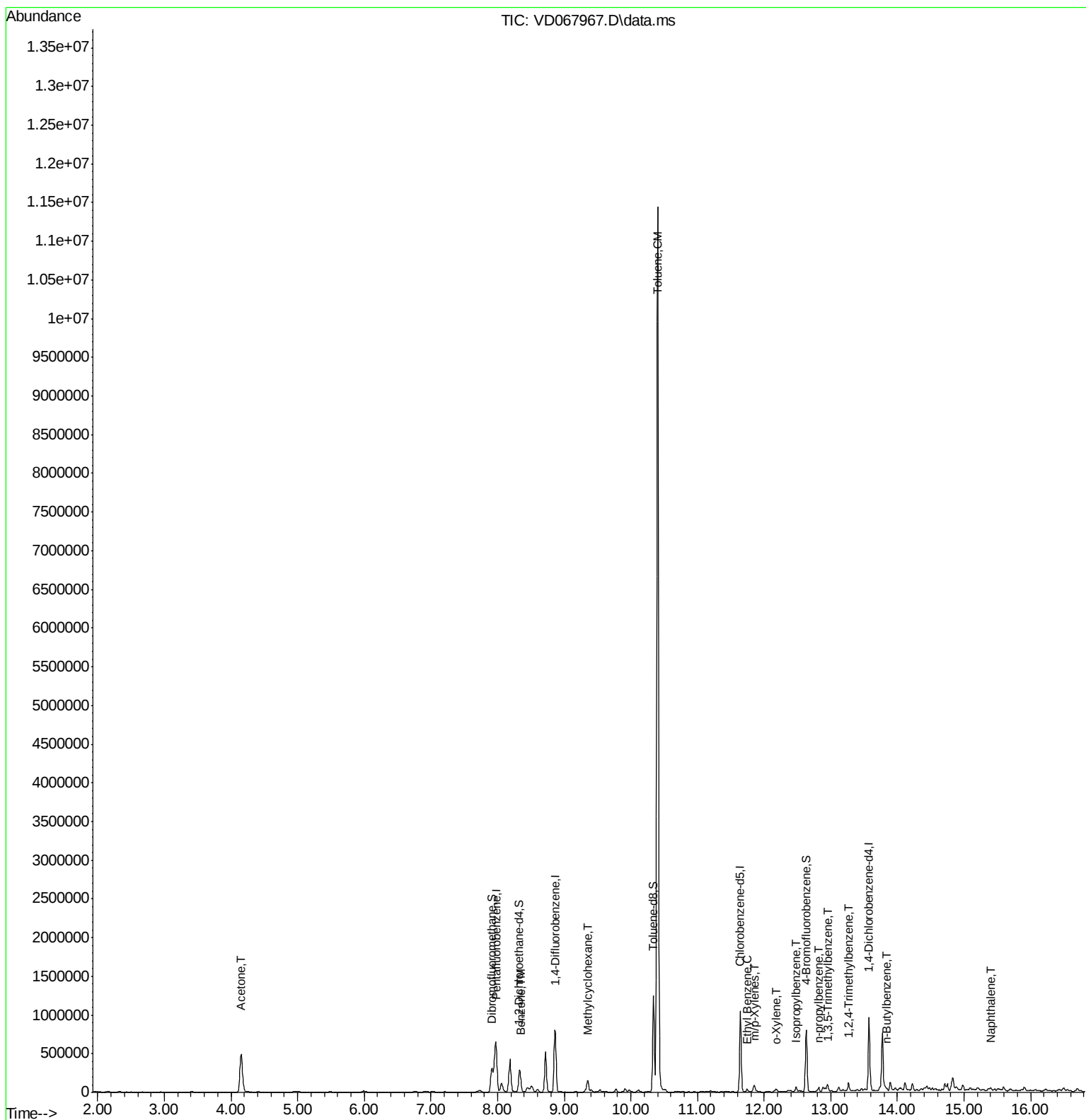
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

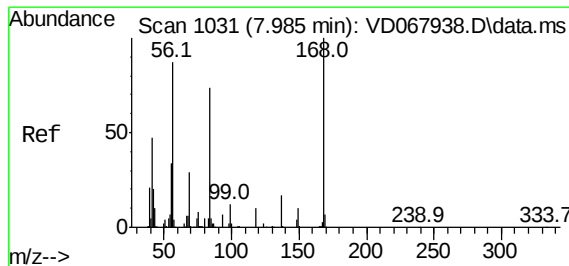
Internal Standards						
1) Pentafluorobenzene	7.979	168	385560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	713521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	601445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	256100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	213967	51.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.78%
35) Dibromofluoromethane	7.914	113	220220	48.98	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.96%
50) Toluene-d8	10.338	98	847355	50.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.28%
62) 4-Bromofluorobenzene	12.632	95	270338	46.77	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.54%
Target Compounds						
16) Acetone	4.150	43	881122	1108.46	ug/l	90
39) Methylcyclohexane	9.355	83	55492	6.38	ug/l	94
40) Benzene	8.350	78	44251	2.01	ug/l #	88
52) Toluene	10.402	92	5191215	382.25	ug/l	96
67) Ethyl Benzene	11.743	91	24357	1.05	ug/l	96
68) m/p-Xylenes	11.849	106	20854	2.36	ug/l	100
69) o-Xylene	12.185	106	8163	1.03	ug/l	95
73) Isopropylbenzene	12.479	105	37446	1.97	ug/l	97
78) n-propylbenzene	12.820	91	44489	1.88	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	16788	1.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	56752	3.58	ug/l	96
89) n-Butylbenzene	13.837	91	18492	1.12	ug/l #	82
95) Naphthalene	15.402	128	33314	4.36	ug/l #	93

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

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

Quant Time: Dec 30 00:14:03 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : wed Dec 23 07:34:16 2020
Response via : Initial Calibration

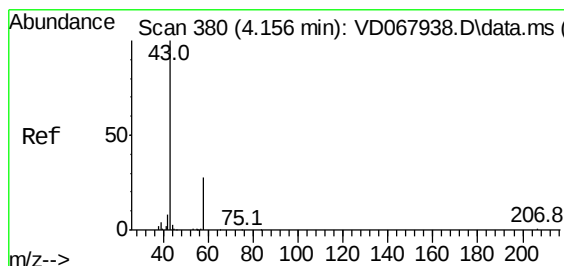
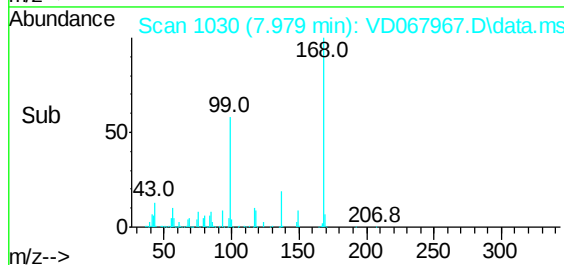
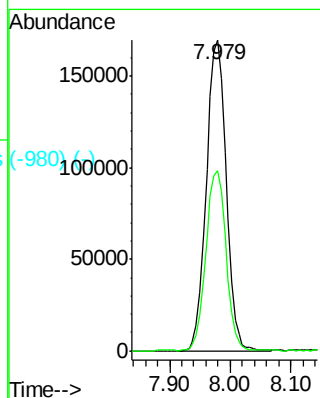
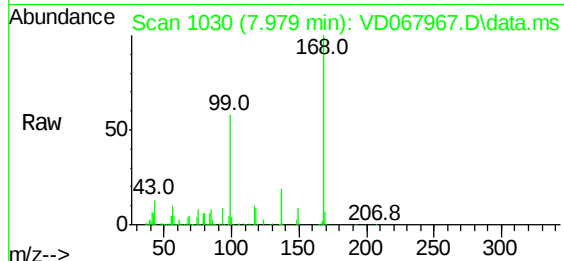




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

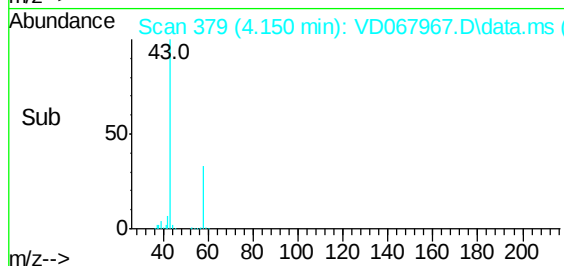
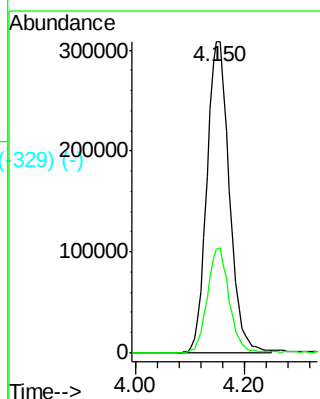
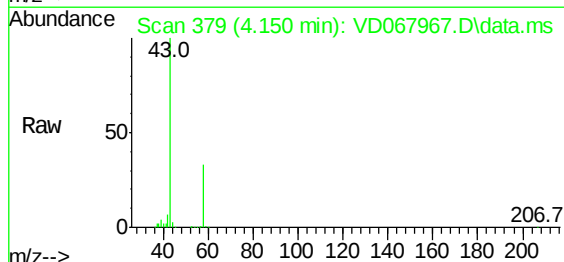
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

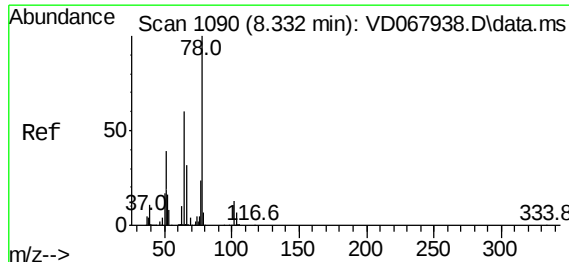
Tgt Ion:168 Resp: 385560
Ion Ratio Lower Upper
168 100
99 58.1 48.0 72.0



Acetone
Concen: 1108.46 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

Tgt Ion: 43 Resp: 881122
Ion Ratio Lower Upper
43 100
58 33.3 22.3 33.5

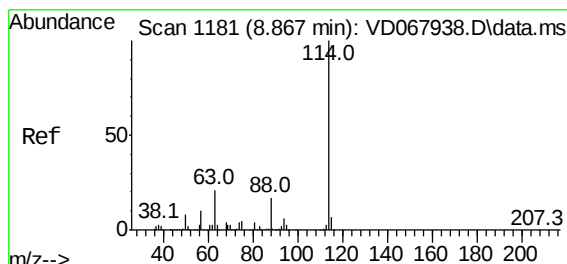
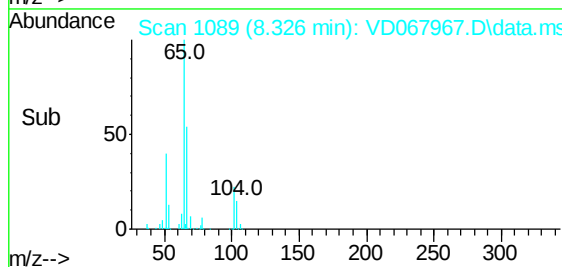
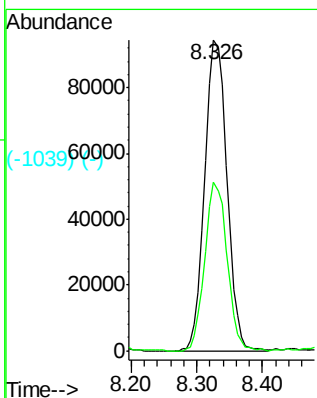
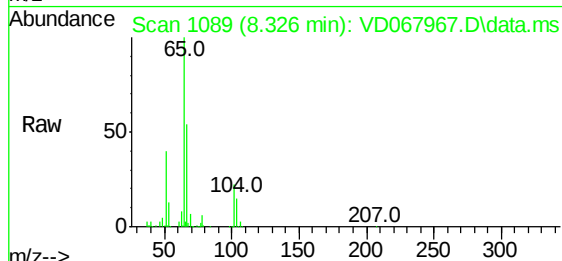




1,2-Dichloroethane-d4
Concen: 51.39 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

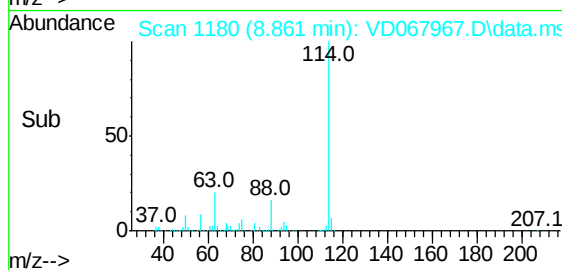
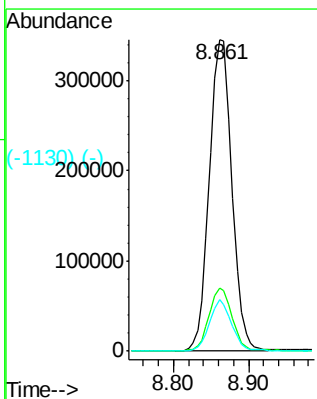
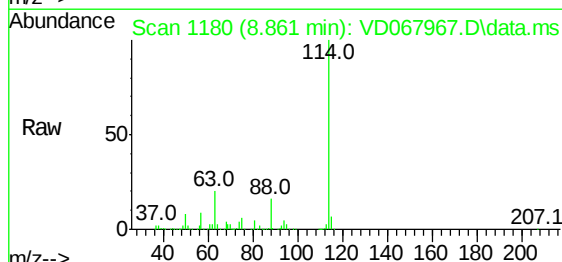
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

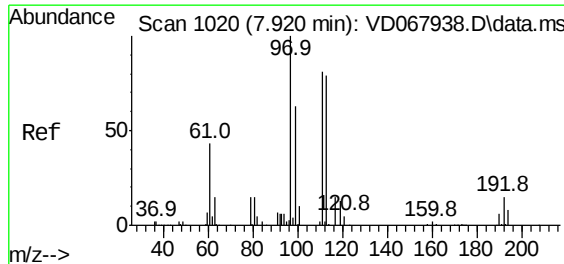
Tgt Ion: 65 Resp: 213967
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.0



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

Tgt Ion:114 Resp: 713521
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.4
88 16.5 0.0 33.2

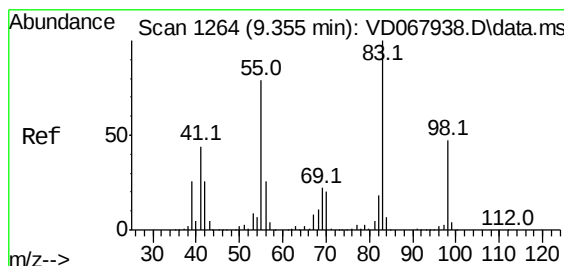
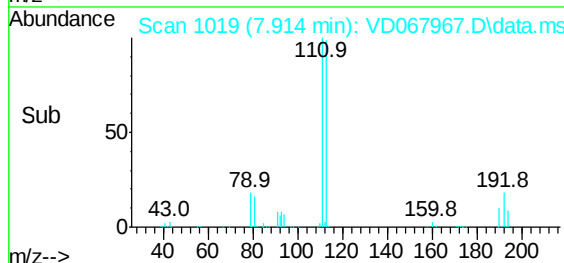
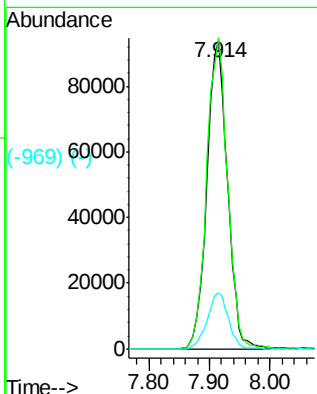
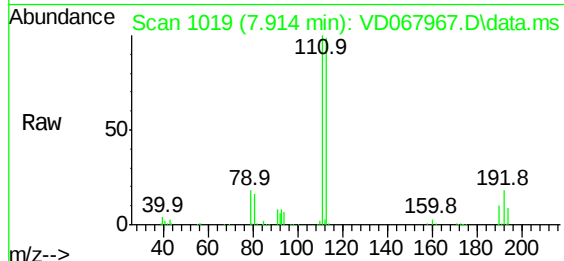




(-969) (-)
Dibromofluoromethane
Concen: 48.98 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

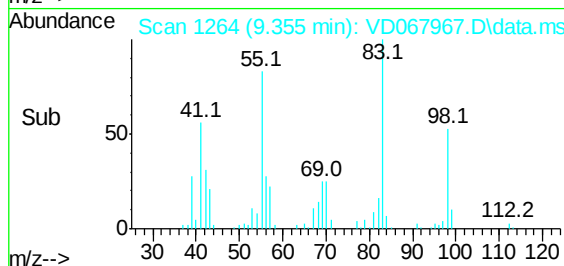
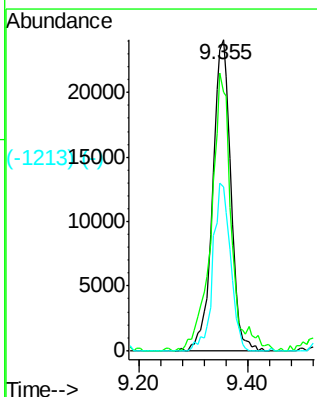
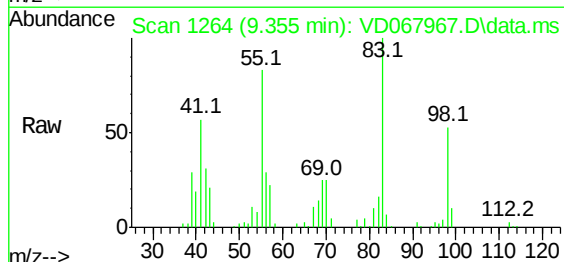
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

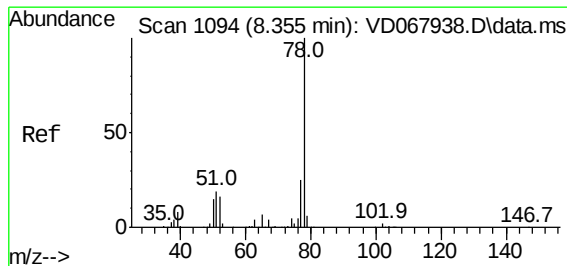
Tgt Ion: 113 Resp: 220220
Ion Ratio Lower Upper
113 100
111 102.5 79.3 118.9
192 18.7 14.5 21.7



(-1213) (-)
Methylcyclohexane
Concen: 6.38 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

Tgt Ion: 83 Resp: 55492
Ion Ratio Lower Upper
83 100
55 83.2 63.5 95.3
98 52.6 37.3 55.9

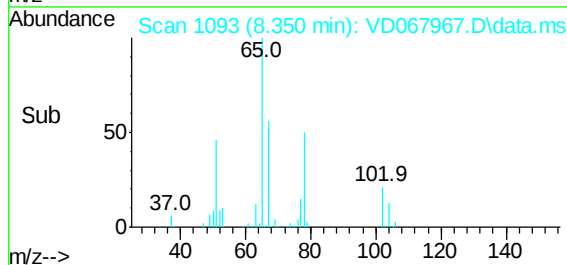
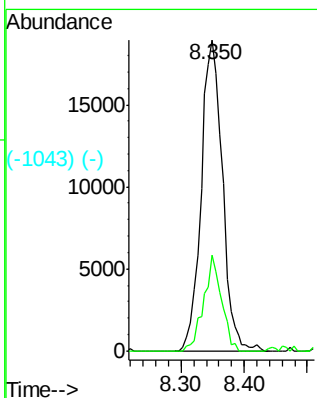
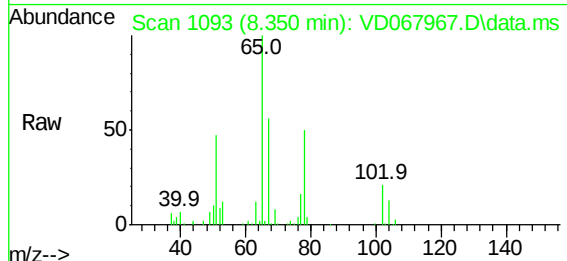




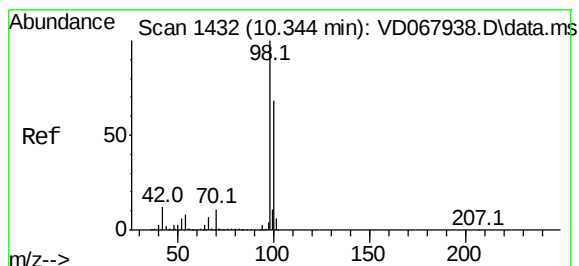
(-102) (-)
Benzene
Concen: 2.01 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

Tgt Ion: 78 Resp: 44251
Ion Ratio Lower Upper
78 100
77 31.0 20.1 30.1#

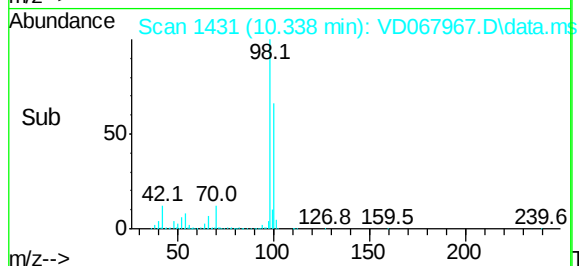
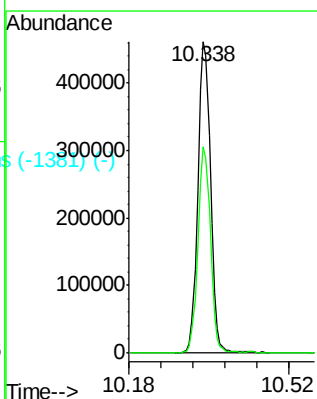
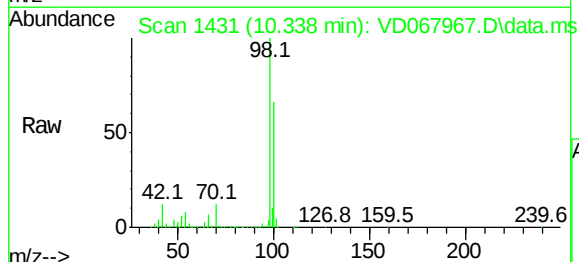


(-1043) (-)

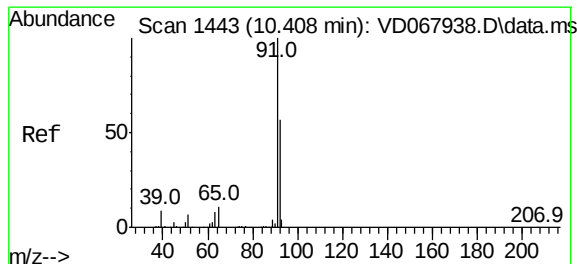


(-5022) (-)
Toluene-d8
Concen: 50.14 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

Tgt Ion: 98 Resp: 847355
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



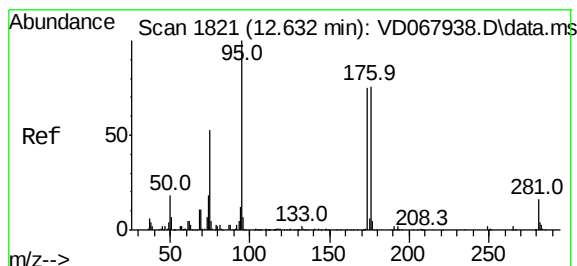
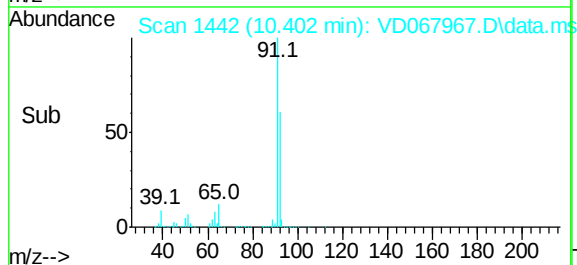
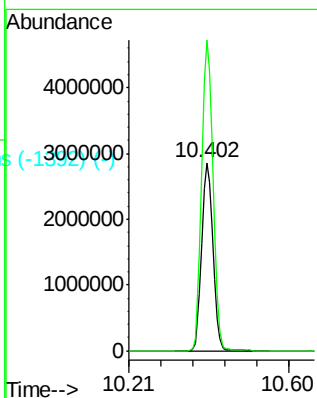
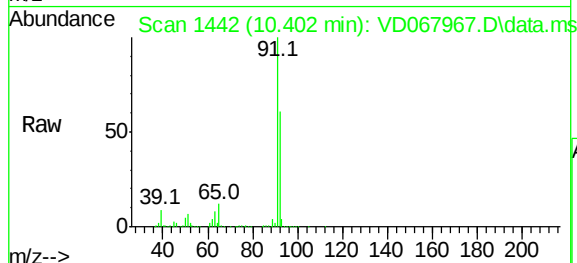
(-1381) (-)



Toluene
Concen: 382.25 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

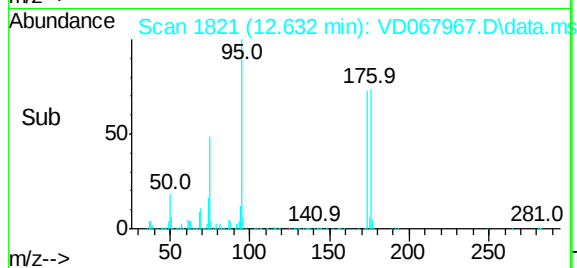
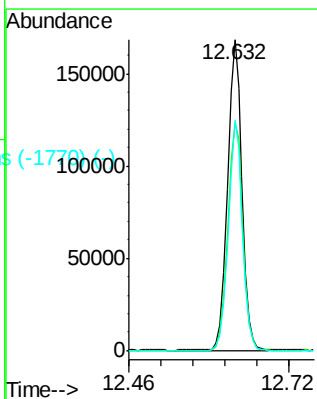
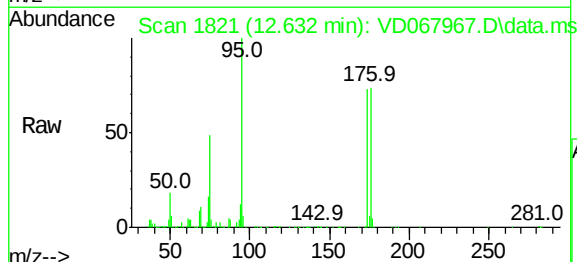
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

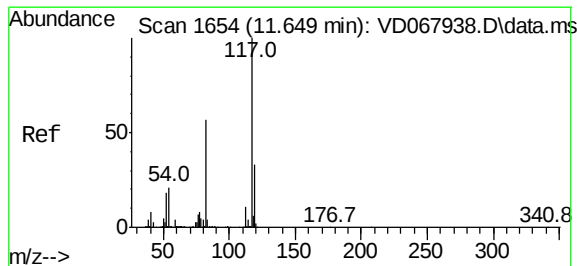
Tgt Ion: 92 Resp: 5191215
Ion Ratio Lower Upper
92 100
91 167.9 138.5 207.7



4-Bromofluorobenzene
Concen: 46.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

Tgt Ion: 95 Resp: 270338
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.6
176 72.2 0.0 151.2

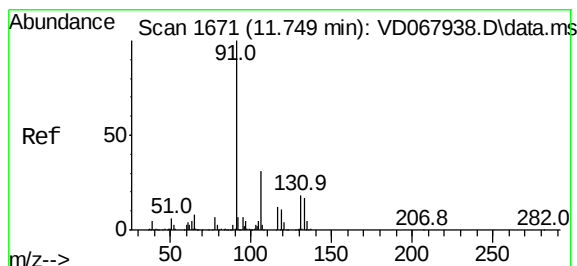
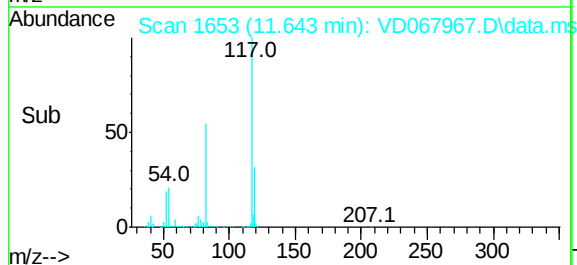
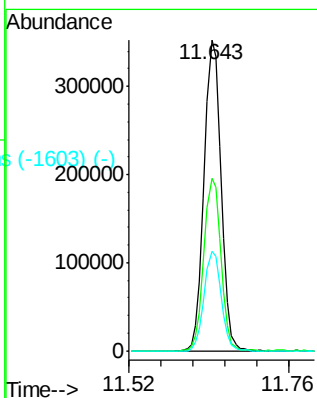
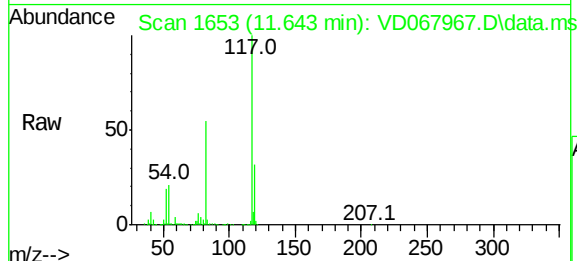




#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

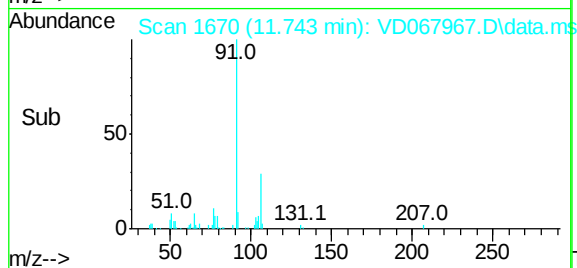
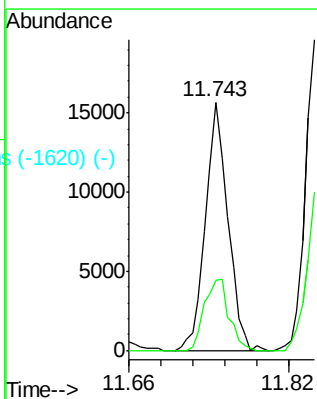
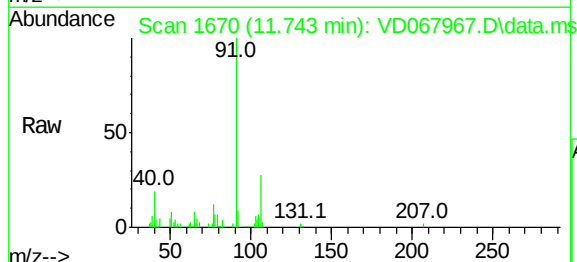
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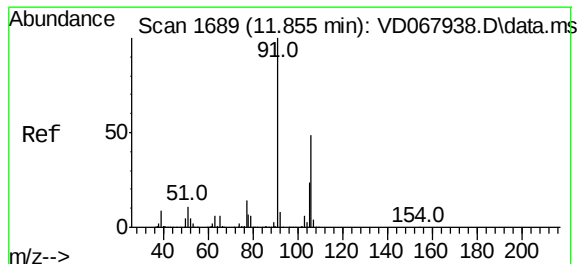
Tgt Ion:117 Resp: 601445
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 32.0 26.7 40.1



#6361 (-)
Ethyl Benzene
Concen: 1.05 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

Tgt Ion: 91 Resp: 24357
Ion Ratio Lower Upper
91 100
106 28.4 24.6 37.0

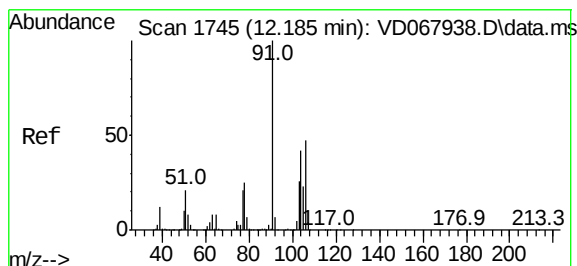
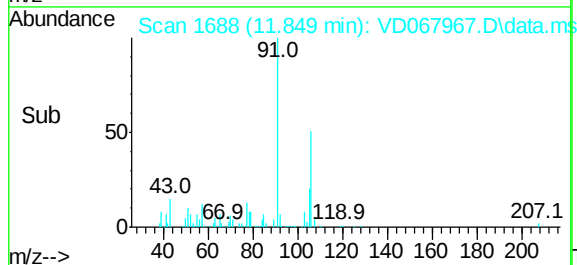
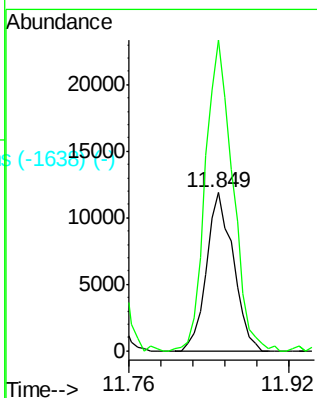
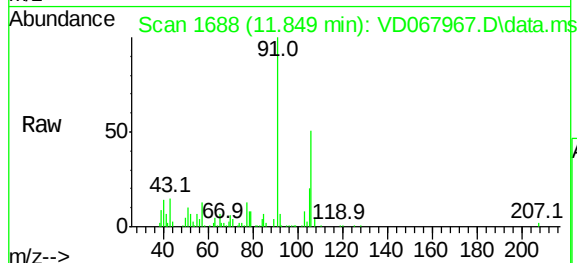




#680 (-)
m/p-Xylenes
Concen: 2.36 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

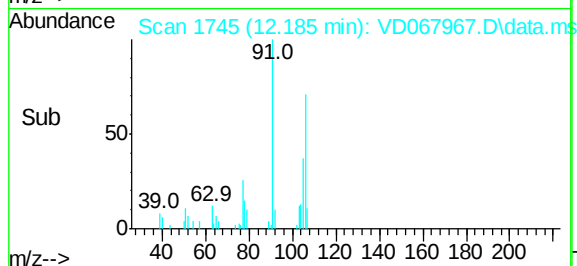
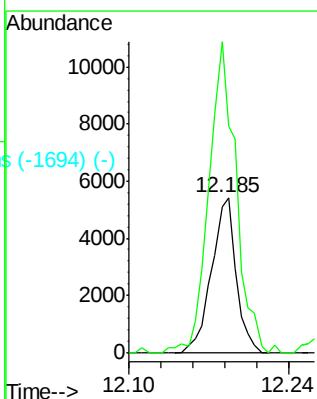
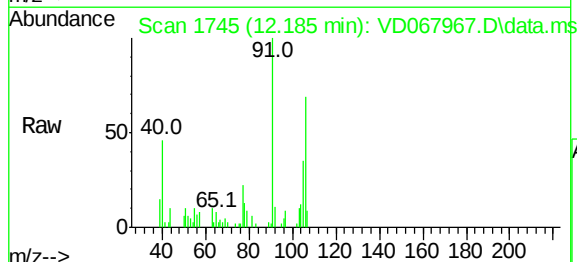
Instrument :
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ClientSampleId :
TR-05-122920

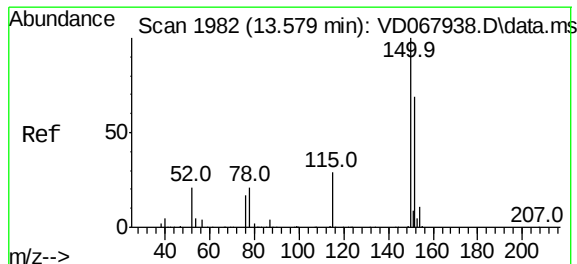
Tgt Ion:106 Resp: 20854
Ion Ratio Lower Upper
106 100
91 200.6 159.9 239.9



#6937 (-)
o-Xylene
Concen: 1.03 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

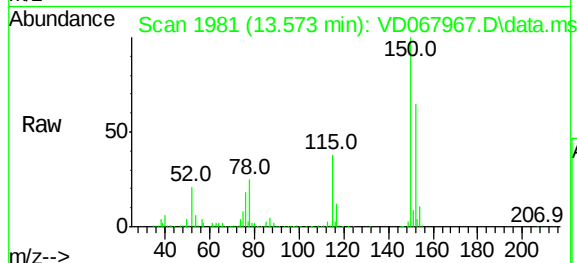
Tgt Ion:106 Resp: 8163
Ion Ratio Lower Upper
106 100
91 220.4 106.0 317.9



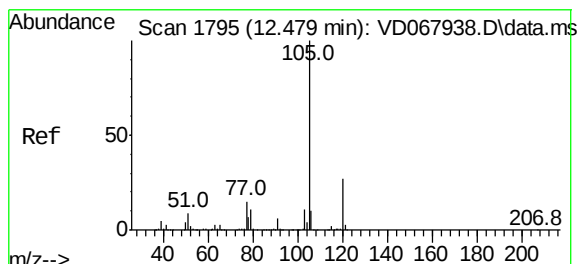
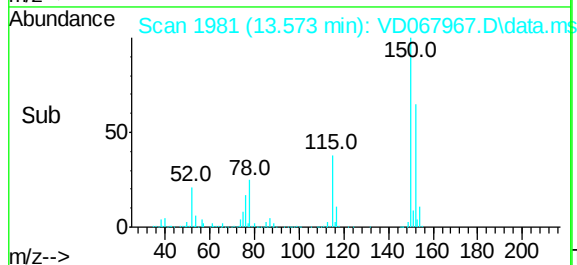
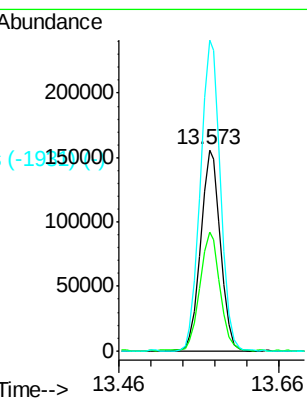


#173 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

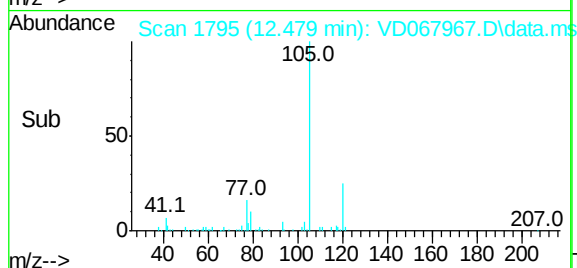
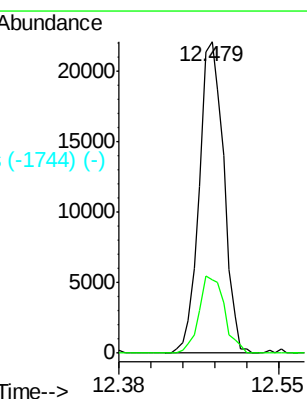
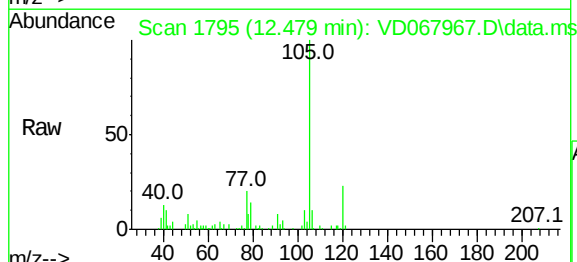


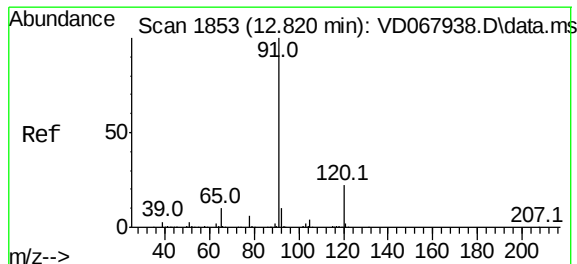
Tgt Ion:152 Resp: 256100
Ion Ratio Lower Upper
152 100
115 59.9 29.3 88.0
150 157.5 0.0 340.0



#176 (-)
Isopropylbenzene
Concen: 1.97 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

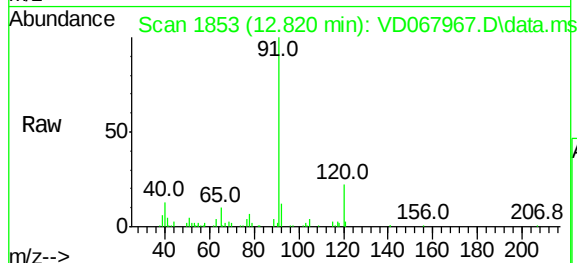
Tgt Ion:105 Resp: 37446
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1



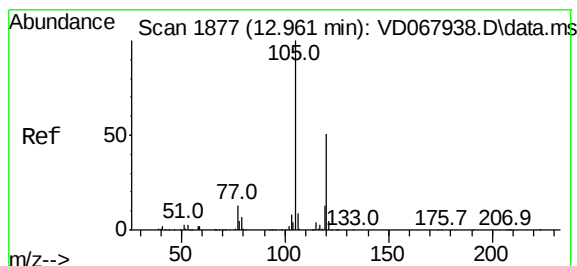
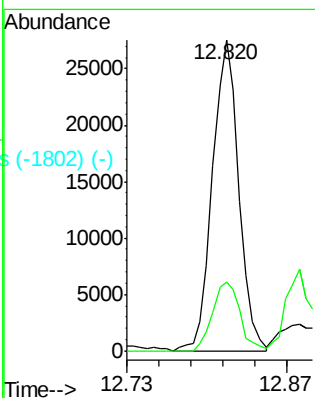
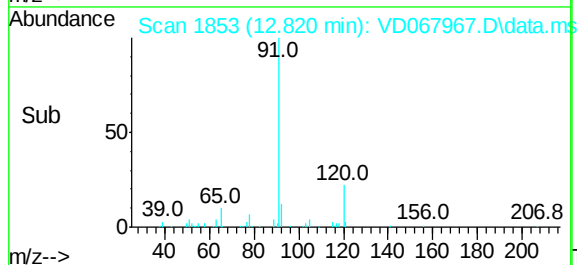


#1847 (-)
n-propylbenzene
Concen: 1.88 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

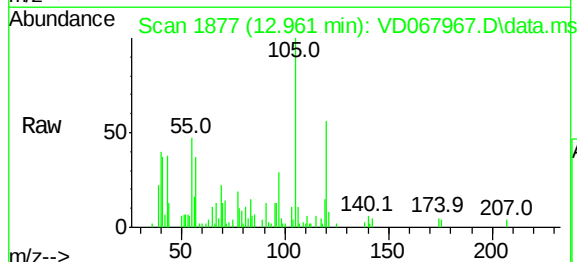
Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920



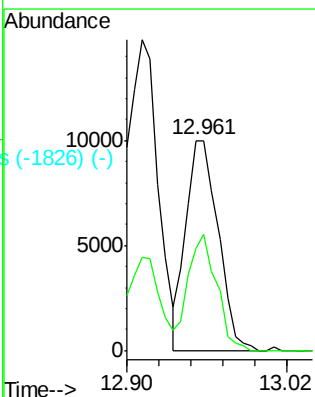
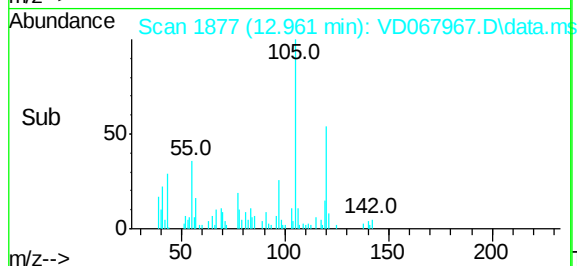
Tgt Ion: 91 Resp: 44489
Ion Ratio Lower Upper
91 100
120 23.1 11.2 33.5

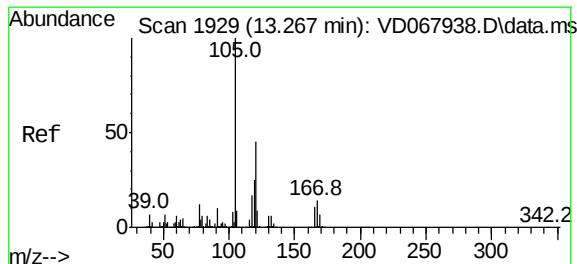


#1868 (-)
1,3,5-Trimethylbenzene
Concen: 1.06 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59



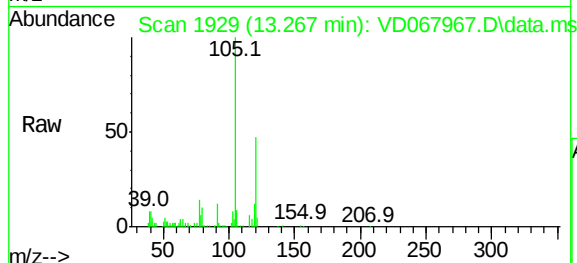
Tgt Ion: 105 Resp: 16788
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.6



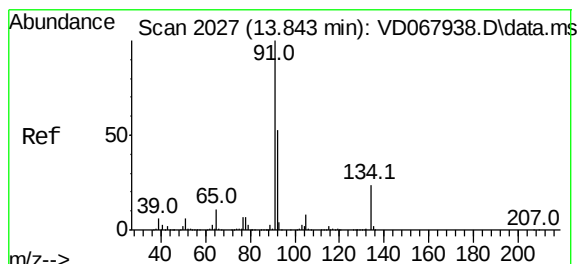
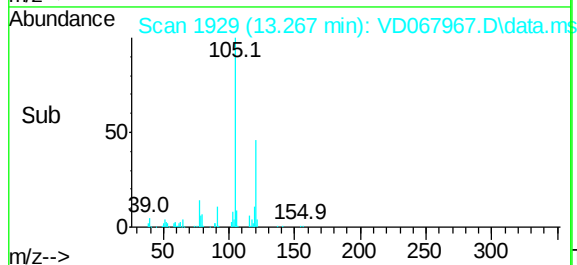
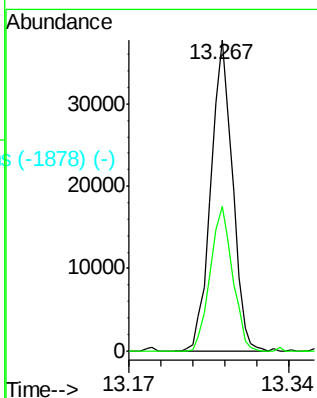


#16 (-)
1,2,4-Trimethylbenzene
Concen: 3.58 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920

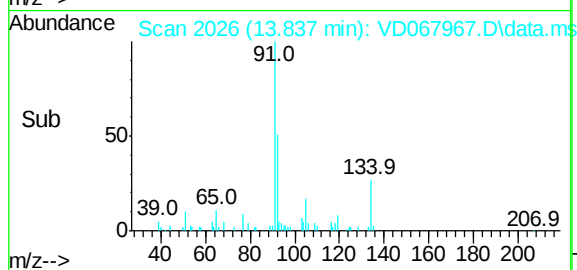
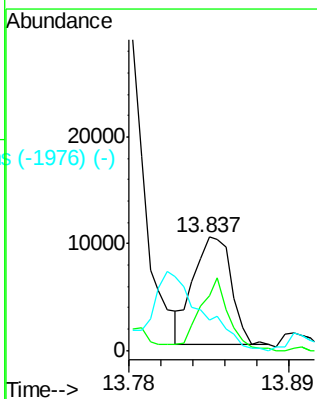
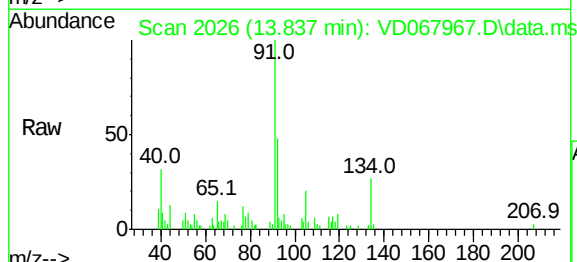


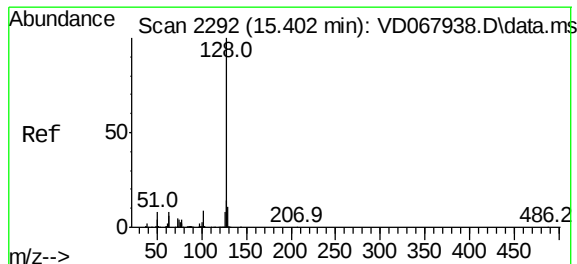
Tgt Ion:105 Resp: 56752
Ion Ratio Lower Upper
105 100
120 47.8 22.7 68.0



#17 (-)
n-Butylbenzene
Concen: 1.12 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.006 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

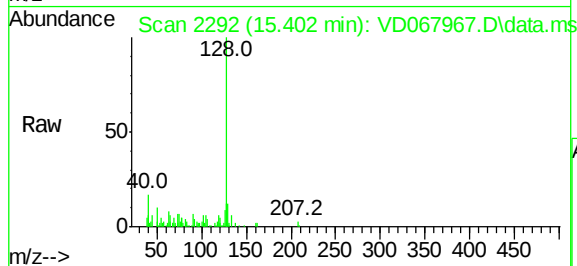
Tgt Ion: 91 Resp: 18492
Ion Ratio Lower Upper
91 100
92 50.7 26.8 80.3
134 0.0 12.3 36.9#





#9583 (-)
Naphthalene
Concen: 4.36 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067967.D
Acq: 29 Dec 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
TR-05-122920



Tgt Ion:	128	Resp:	33314
Ion Ratio	Lower	Upper	
128	100		
127	15.5	11.2	16.8
129	15.1	8.6	12.8#

