

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
 Data File : VD068173.D
 Acq On : 25 Jan 2021 17:18
 Operator : VA/SY
 Sample : M1190-01
 Misc : 4.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 41641

Quant Time: Jan 26 00:09:59 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)

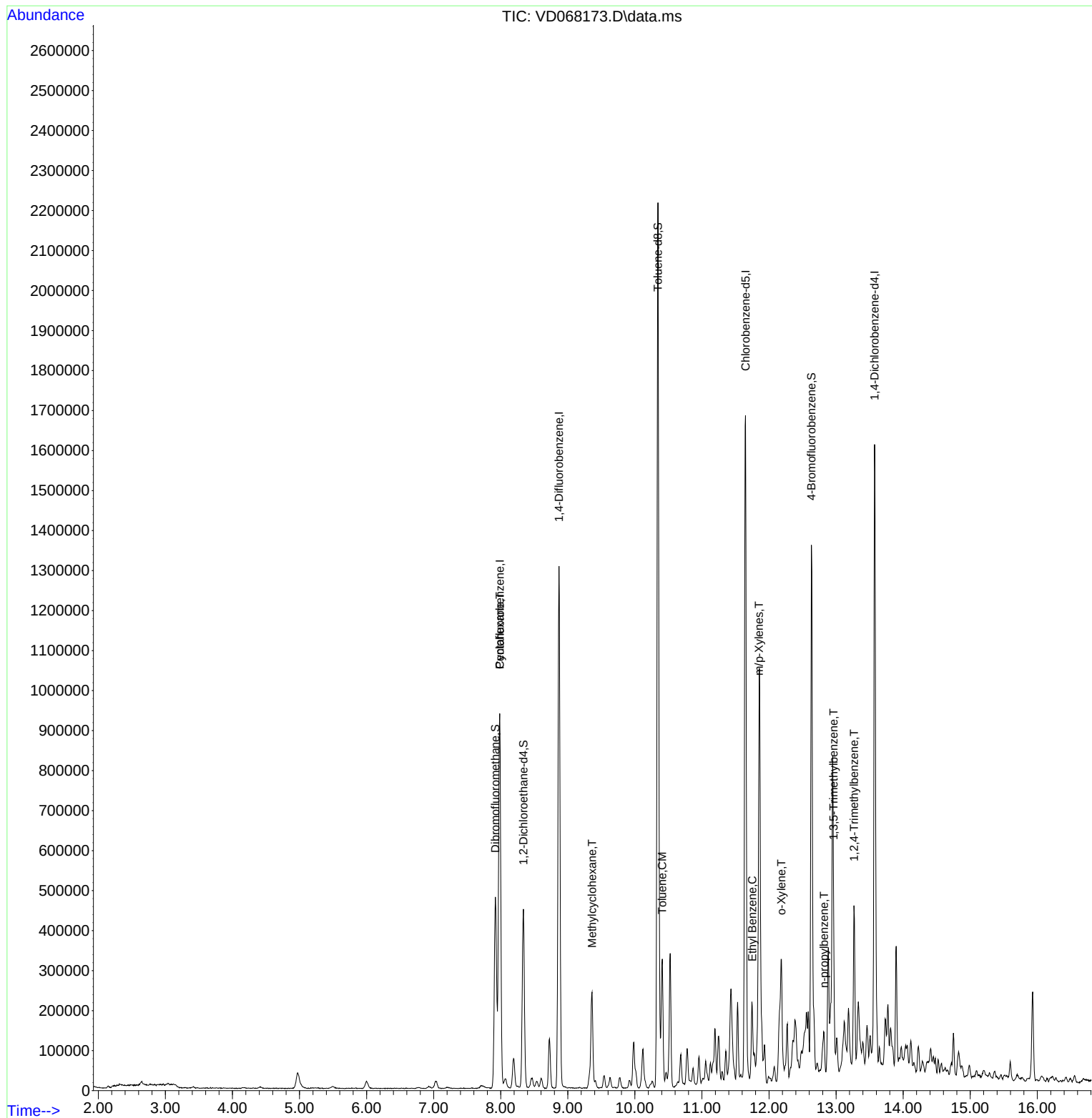
Internal Standards						
1) Pentafluorobenzene	7.985	168	694466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1201164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	1029714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	416742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	357252	53.78	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.56%
35) Dibromofluoromethane	7.920	113	350299	52.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.50%
50) Toluene-d8	10.344	98	1446850	54.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.94%
62) 4-Bromofluorobenzene	12.632	95	462946	48.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.80%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.985	56	47037	3.27	ug/l	# 65
39) Methylcyclohexane	9.361	83	108844	6.87	ug/l	96
52) Toluene	10.408	92	140582	6.37	ug/l	96
67) Ethyl Benzene	11.750	91	131658	3.25	ug/l	99
68) m/p-Xylenes	11.850	106	178561	11.68	ug/l	100
69) o-Xylene	12.185	106	71347	5.02	ug/l	97
78) n-propylbenzene	12.820	91	75868	1.85	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	76745	2.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	235547	8.22	ug/l	97

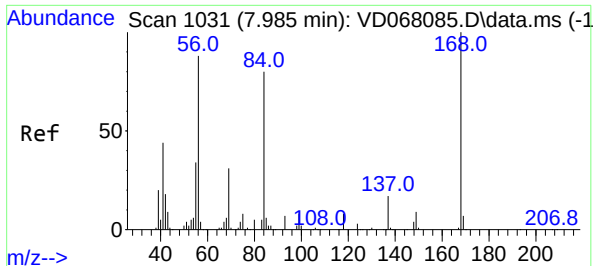
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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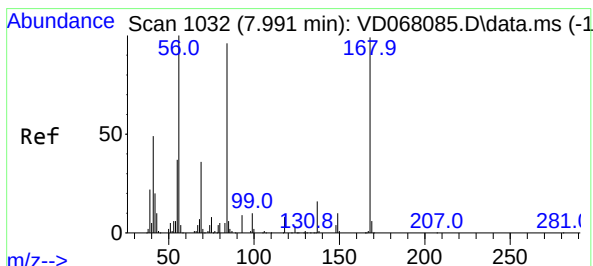
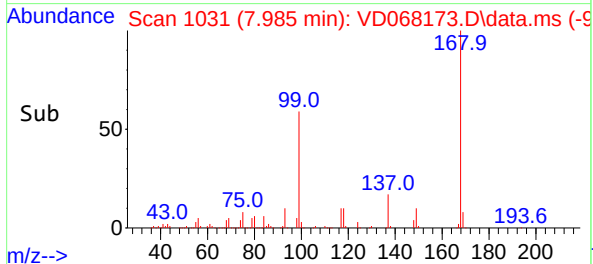
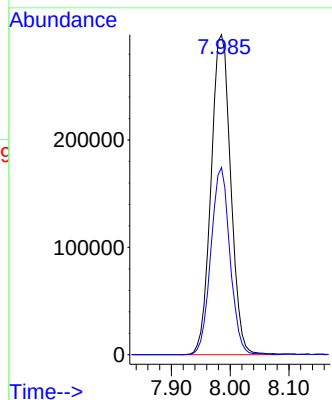
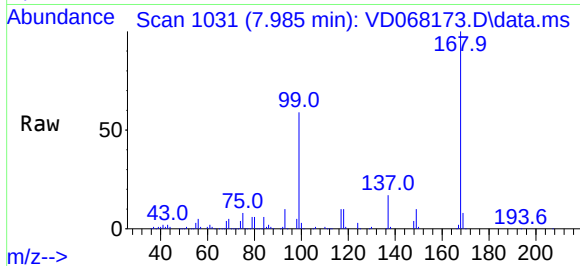




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

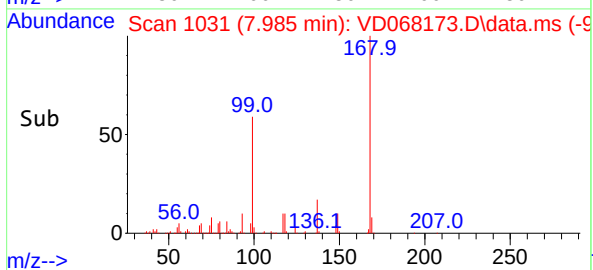
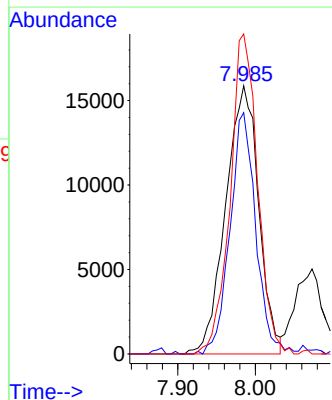
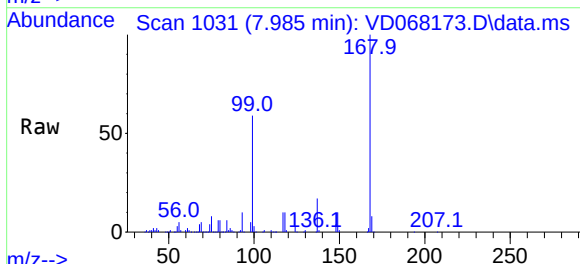
Instrument :
MSVOA_D
ClientSampleId :
41641

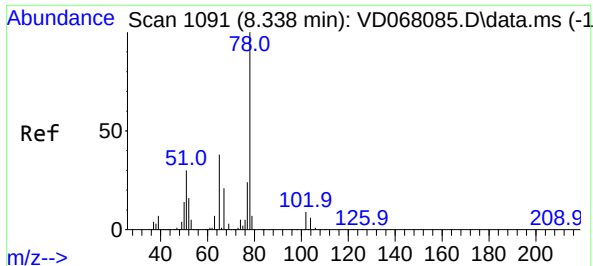
Tgt Ion:168 Resp: 694466
Ion Ratio Lower Upper
168 100
99 58.5 43.5 65.3



#31
Cyclohexane
Concen: 3.27 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

Tgt Ion: 56 Resp: 47037
Ion Ratio Lower Upper
56 100
69 90.0 30.1 45.1#
84 119.3 82.1 123.1

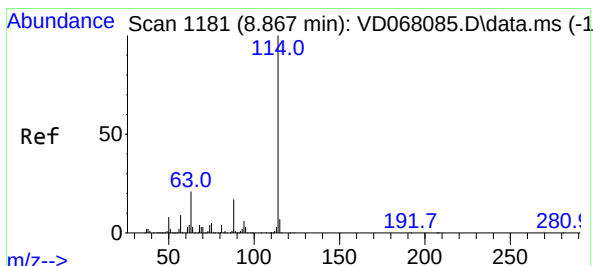
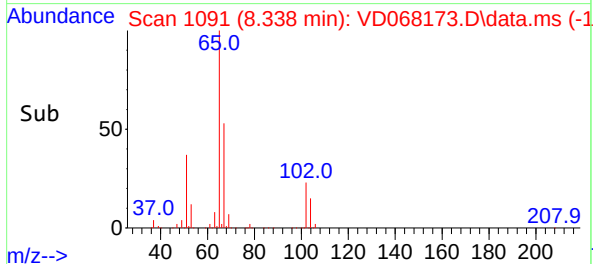
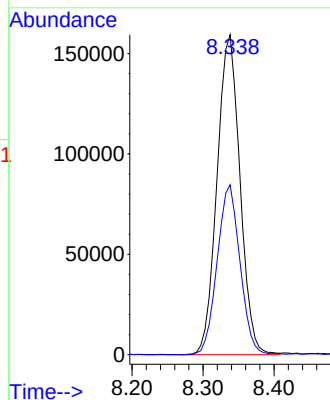
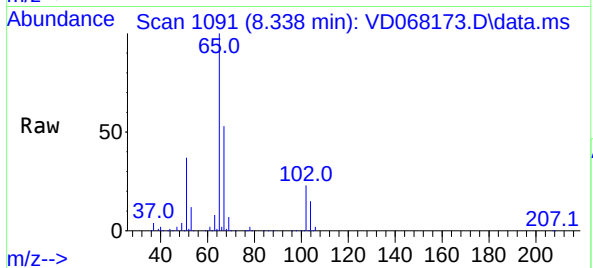




#33
1,2-Dichloroethane-d4
Concen: 53.78 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

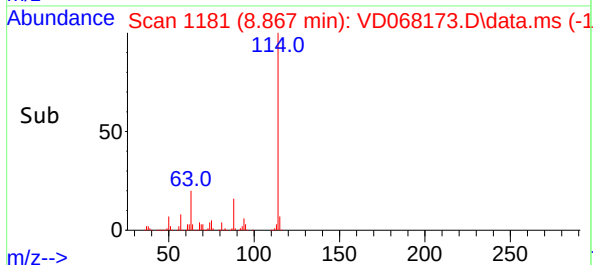
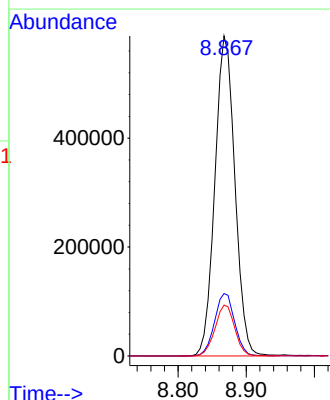
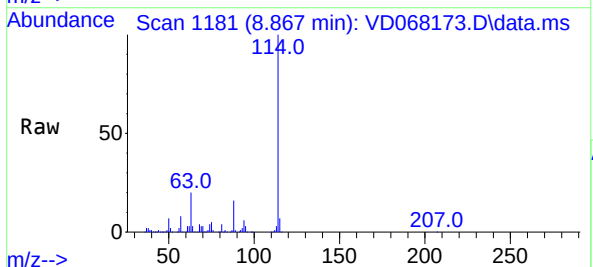
Instrument :
MSVOA_D
ClientSampleId :
41641

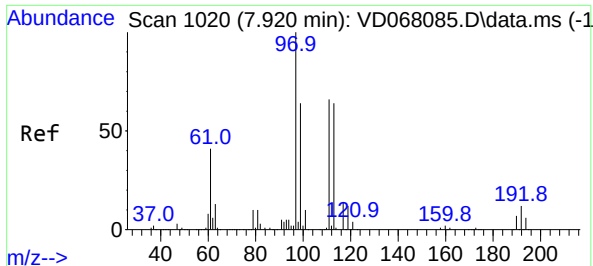
Tgt Ion: 65 Resp: 357252
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

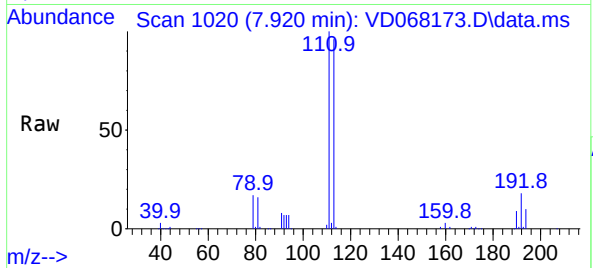
Tgt Ion: 114 Resp: 1201164
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 15.9 0.0 31.6



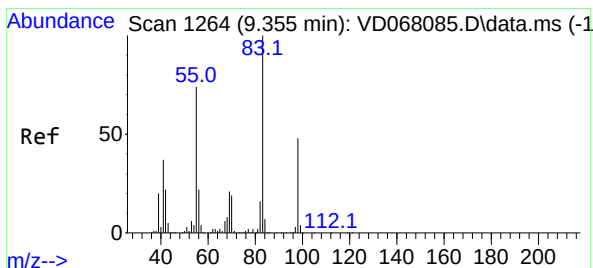
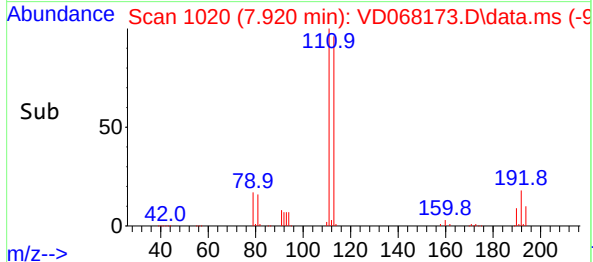
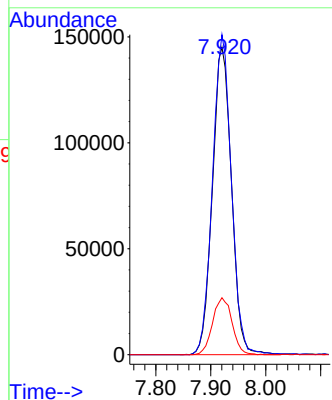


#35
Dibromofluoromethane
Concen: 52.75 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

Instrument :
MSVOA_D
ClientSampleId :
41641

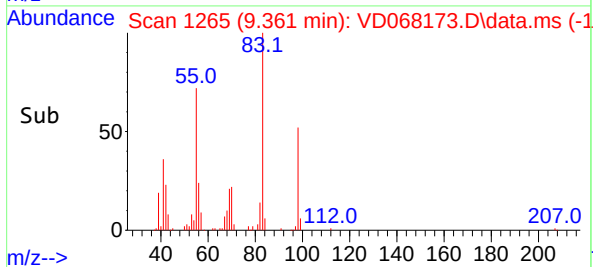
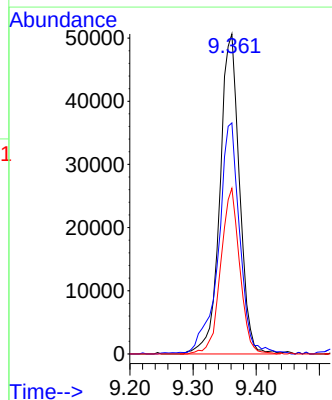
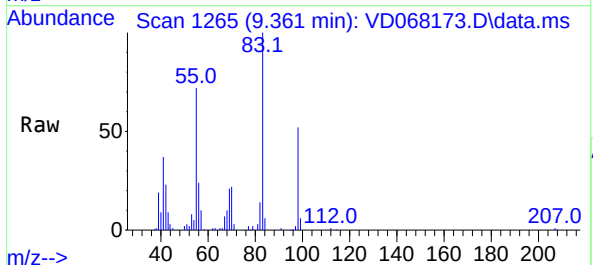


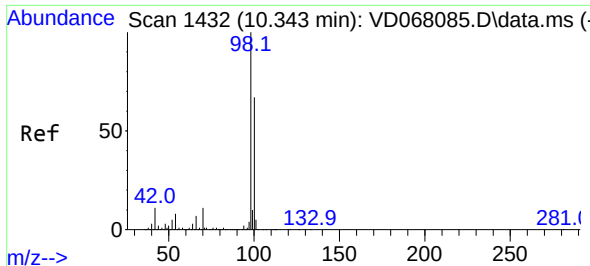
Tgt Ion:113 Resp: 350299
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.9 16.1 24.1



#39
Methylcyclohexane
Concen: 6.87 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

Tgt Ion: 83 Resp: 108844
Ion Ratio Lower Upper
83 100
55 71.7 55.2 82.8
98 51.7 39.1 58.7

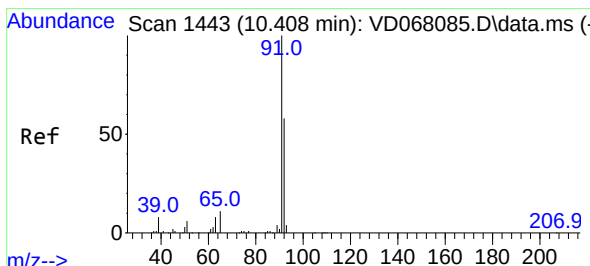
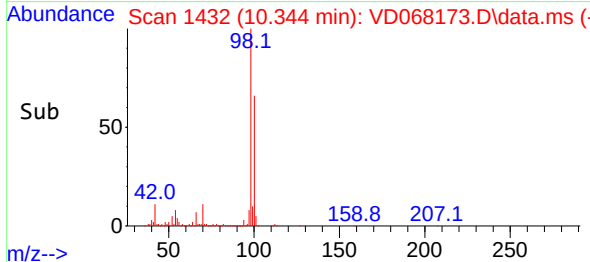
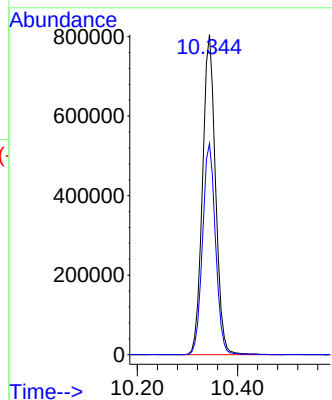
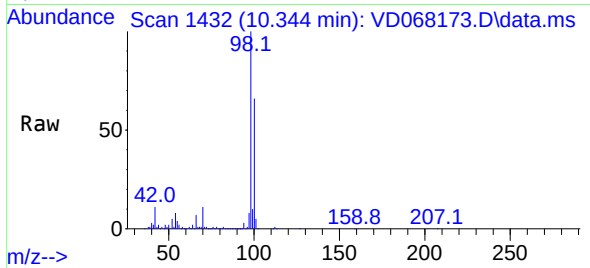




#50
Toluene-d8
Concen: 54.47 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

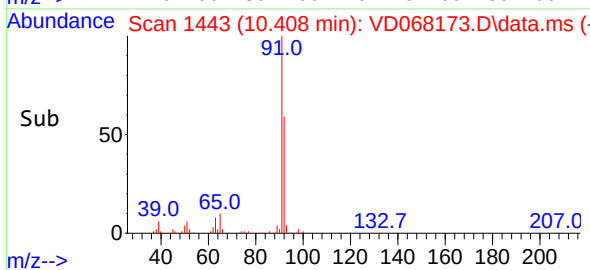
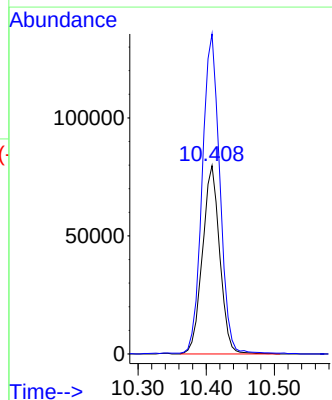
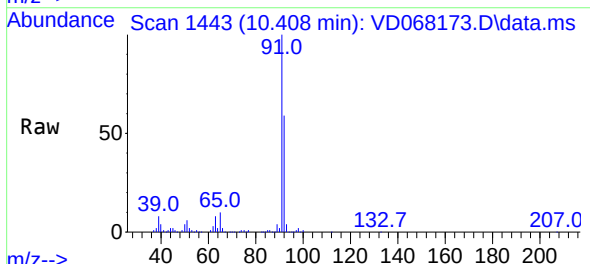
Instrument :
MSVOA_D
ClientSampleId :
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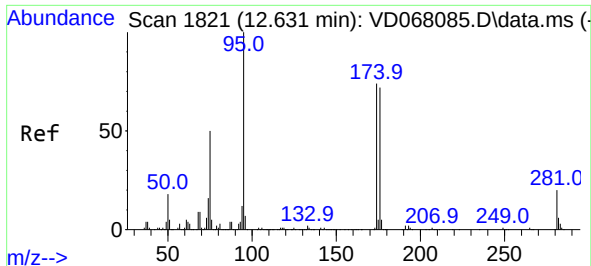
Tgt Ion: 98 Resp: 1446850
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#52
Toluene
Concen: 6.37 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

Tgt Ion: 92 Resp: 140582
Ion Ratio Lower Upper
92 100
91 173.6 134.1 201.1

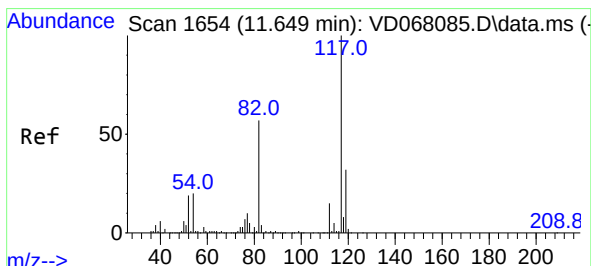
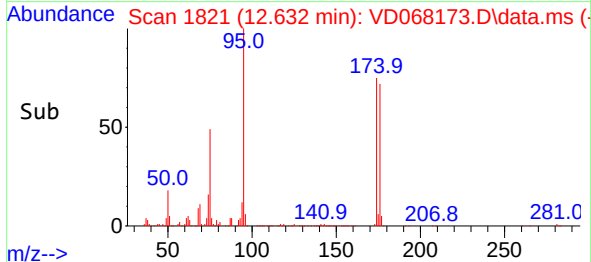
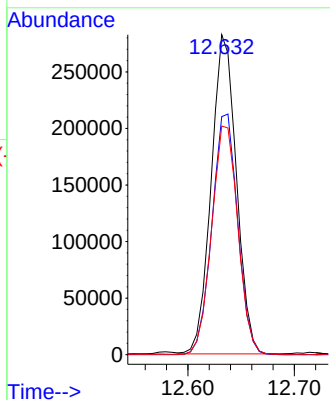
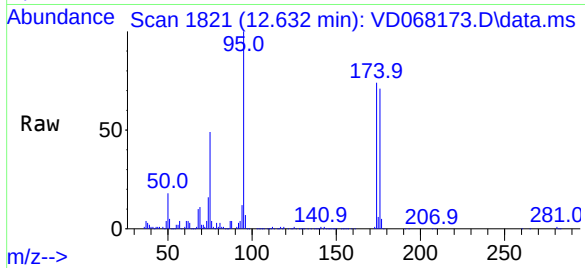




#62
4-Bromofluorobenzene
Concen: 48.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

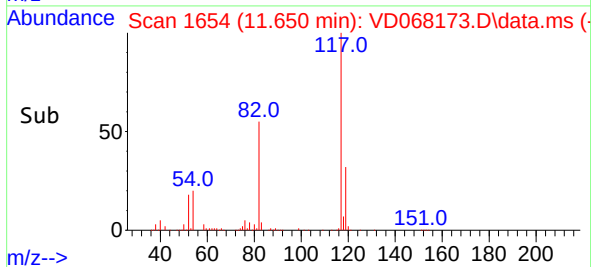
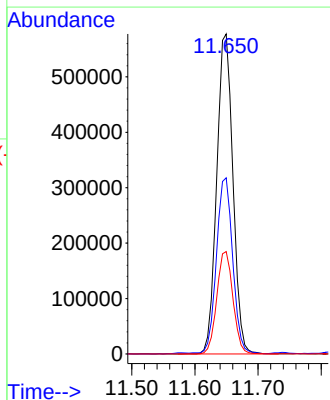
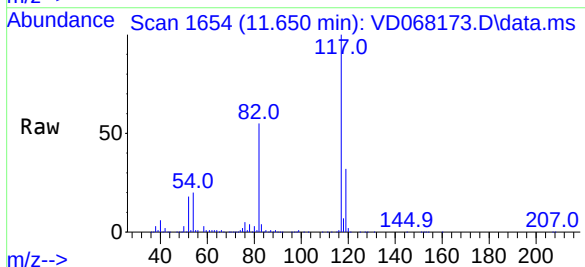
Instrument :
MSVOA_D
ClientSampleId :
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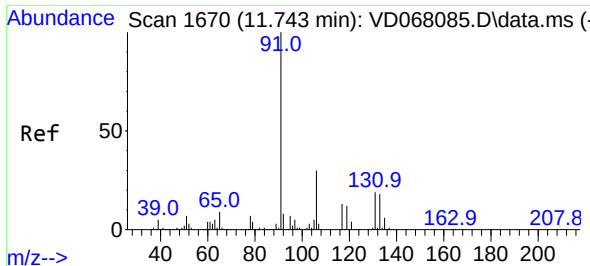
Tgt Ion: 95 Resp: 462946
Ion Ratio Lower Upper
95 100
174 77.1 0.0 172.4
176 74.8 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

Tgt Ion: 117 Resp: 1029714
Ion Ratio Lower Upper
117 100
82 54.7 41.4 62.0
119 32.0 26.1 39.1

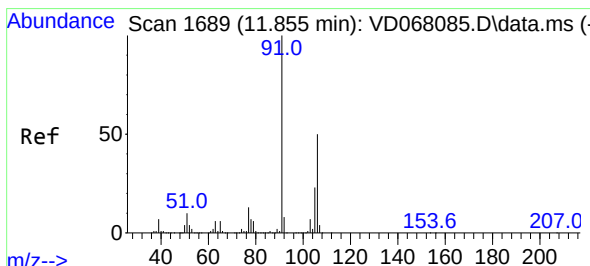
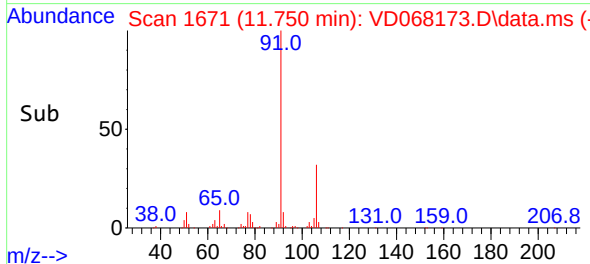
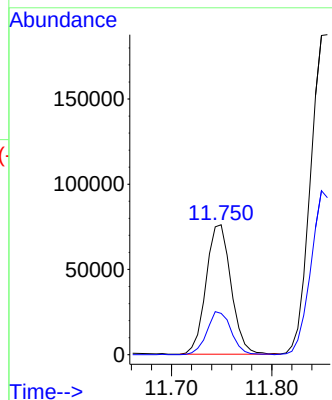
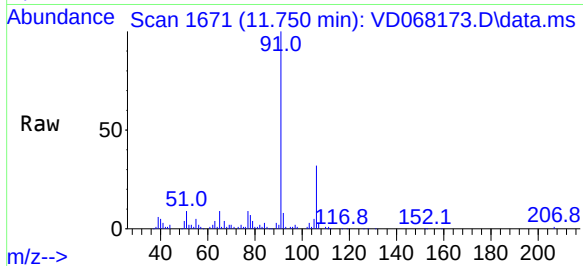




#67
Ethyl Benzene
Concen: 3.25 ug/l
RT: 11.750 min Scan# 1671
Delta R.T. 0.006 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

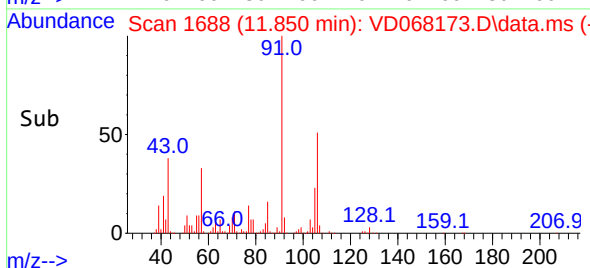
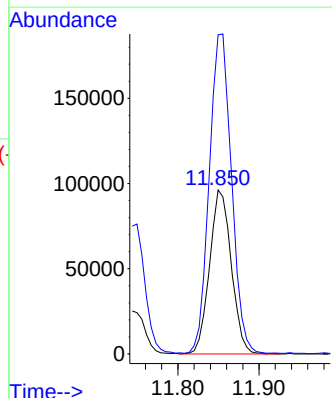
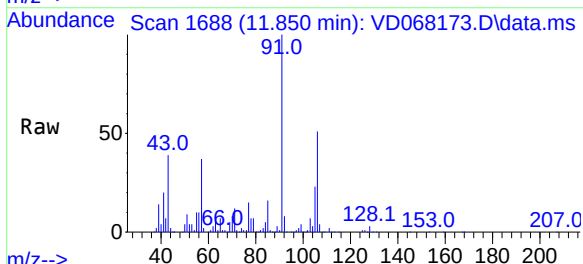
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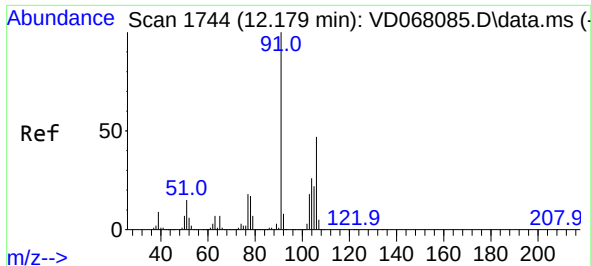
Tgt Ion: 91 Resp: 131658
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



#68
m/p-Xylenes
Concen: 11.68 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

Tgt Ion:106 Resp: 178561
Ion Ratio Lower Upper
106 100
91 199.6 159.1 238.7

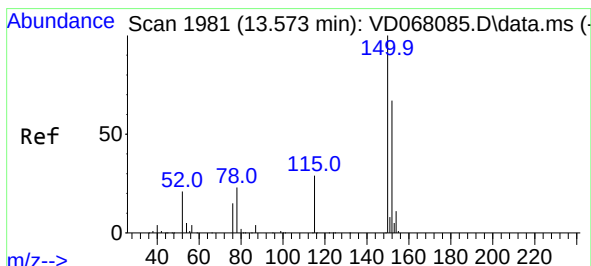
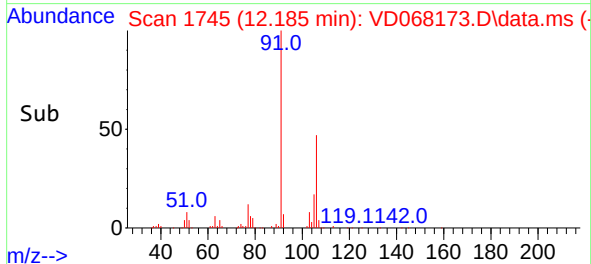
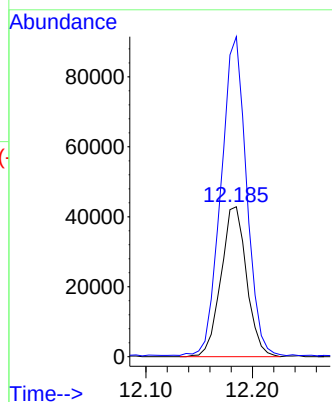
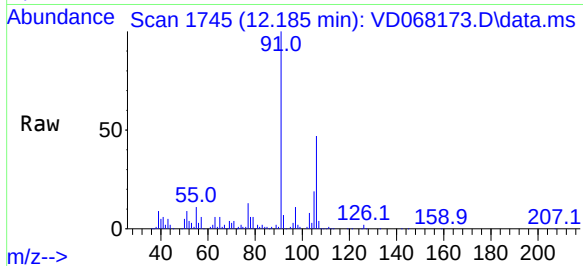




#69
o-Xylene
Concen: 5.02 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.006 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

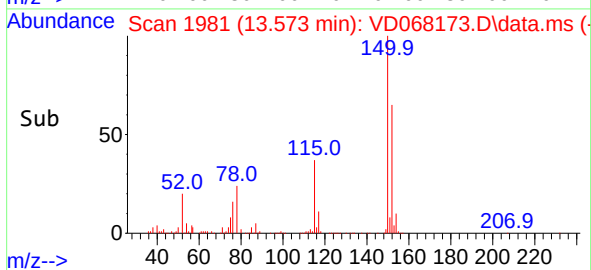
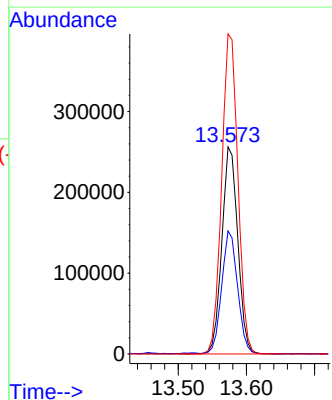
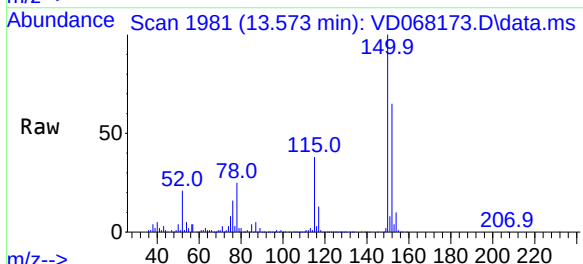
Instrument :
MSVOA_D
ClientSampleId :
41641

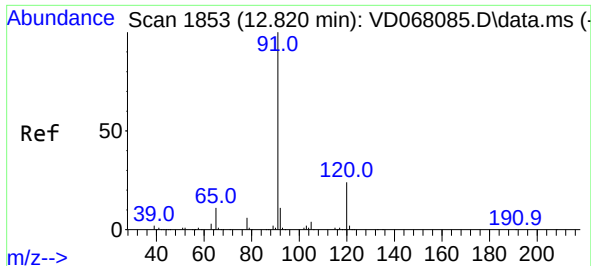
Tgt Ion:106 Resp: 71347
Ion Ratio Lower Upper
106 100
91 211.9 108.7 325.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

Tgt Ion:152 Resp: 416742
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.8
150 157.4 0.0 344.4

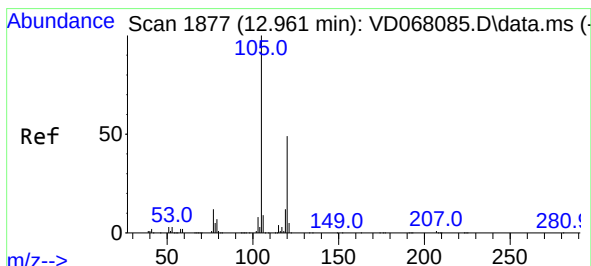
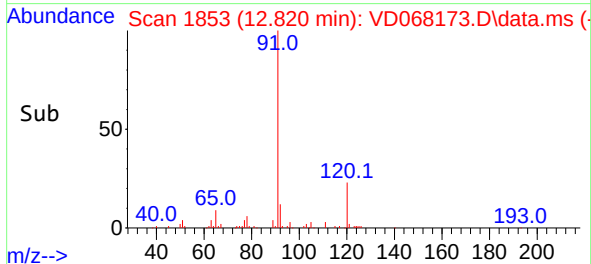
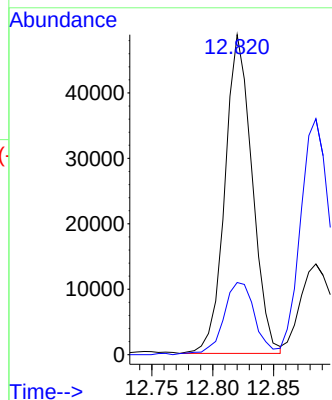
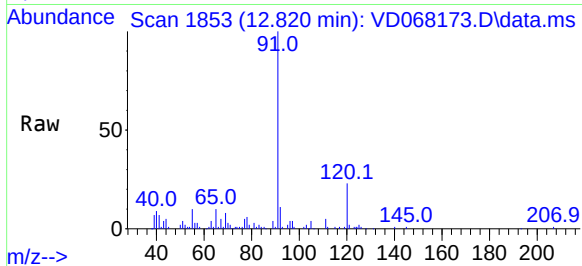




#78
n-propylbenzene
Concen: 1.85 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

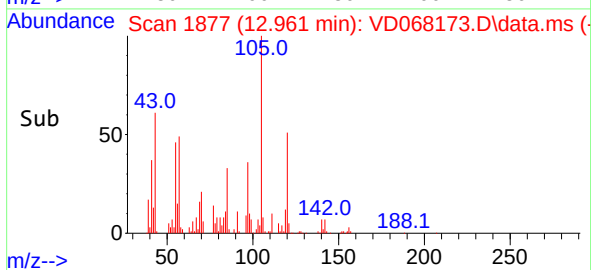
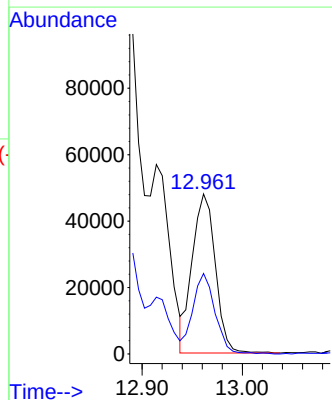
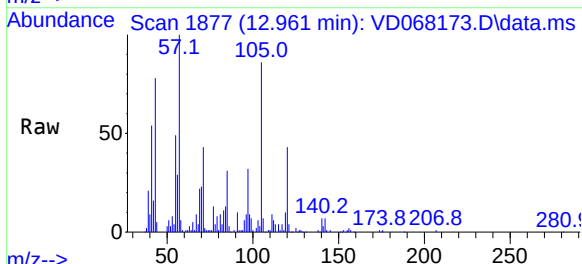
Instrument :
MSVOA_D
ClientSampleId :
41641

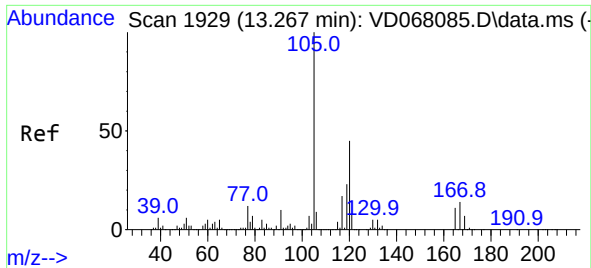
Tgt Ion: 91 Resp: 75868
Ion Ratio Lower Upper
91 100
120 25.7 12.0 36.0



#80
1,3,5-Trimethylbenzene
Concen: 2.66 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

Tgt Ion: 105 Resp: 76745
Ion Ratio Lower Upper
105 100
120 49.0 24.2 72.6





#84
1,2,4-Trimethylbenzene
Concen: 8.22 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068173.D
Acq: 25 Jan 2021 17:18

Instrument :
MSVOA_D
ClientSampleId :
41641

Tgt Ion:105 Resp: 235547
Ion Ratio Lower Upper
105 100
120 46.5 22.4 67.0

