

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069020.D
 Acq On : 29 Apr 2021 16:06
 Operator : VA/SY
 Sample : M2204-01
 Misc : 3.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRIS-1907-1910

Quant Time: Apr 30 02:56:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

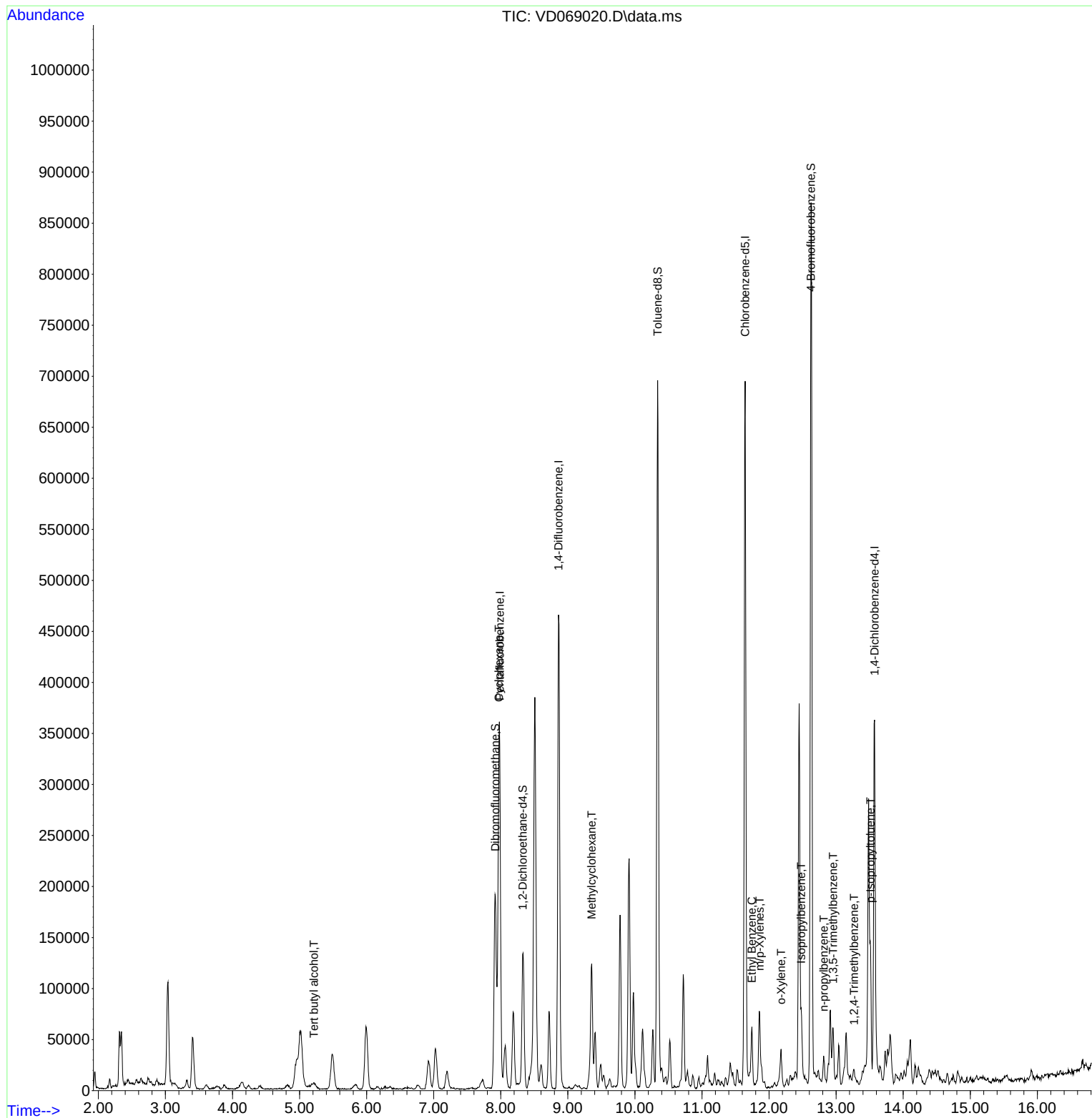
Internal Standards						
1) Pentafluorobenzene	7.985	168	240414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	429166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	412499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	103284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	108907	42.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.72%		
35) Dibromofluoromethane	7.920	113	137577	49.28	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.56%		
50) Toluene-d8	10.338	98	488893	46.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.86%		
62) 4-Bromofluorobenzene	12.626	95	159418	45.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.16%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.214	59	11112m	59.65	ug/l	
20) Methylene Chloride	4.967	84	12392	Below Cal	#	90
31) Cyclohexane	7.973	56	33920	8.02	ug/l #	80
39) Methylcyclohexane	9.355	83	32300	6.38	ug/l #	79
67) Ethyl Benzene	11.744	91	37750	2.44	ug/l	98
68) m/p-Xylenes	11.861	106	21604	3.62	ug/l	99
69) o-Xylene	12.179	106	9918	1.83	ug/l	88
73) Isopropylbenzene	12.479	105	10643	1.41	ug/l	93
78) n-propylbenzene	12.814	91	13003	1.42	ug/l	95
80) 1,3,5-Trimethylbenzene	12.955	105	9464	1.50	ug/l	88
84) 1,2,4-Trimethylbenzene	13.267	105	7690	1.21	ug/l	97
86) p-Isopropyltoluene	13.514	119	75570	10.96	ug/l #	77

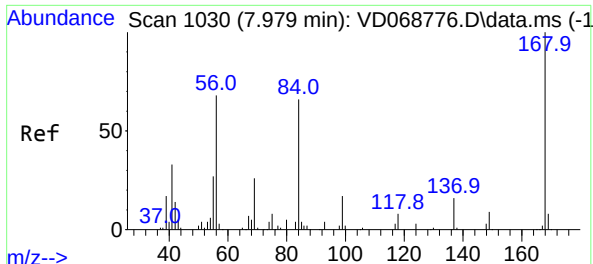
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
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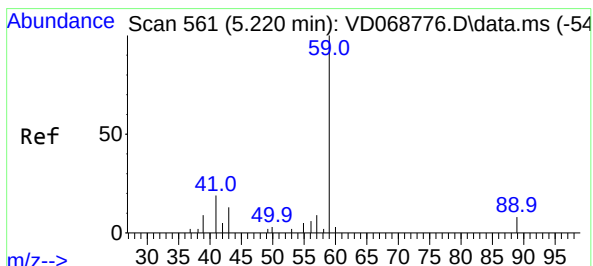
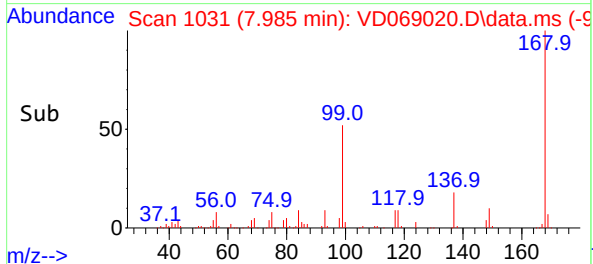
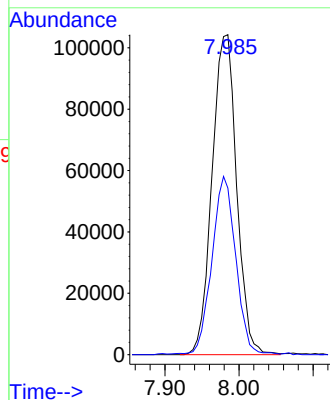
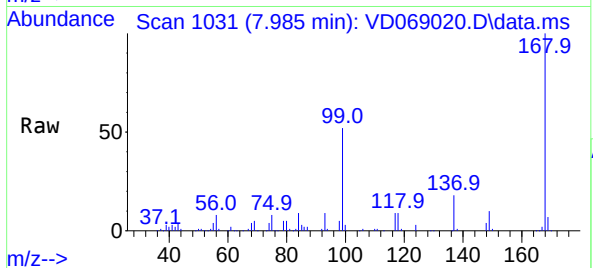




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

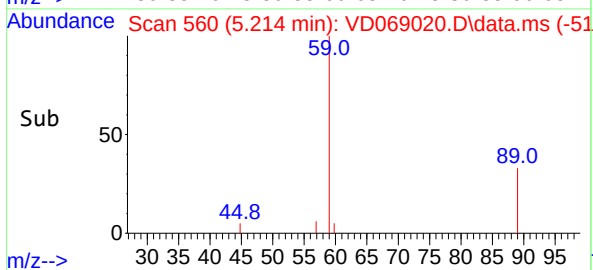
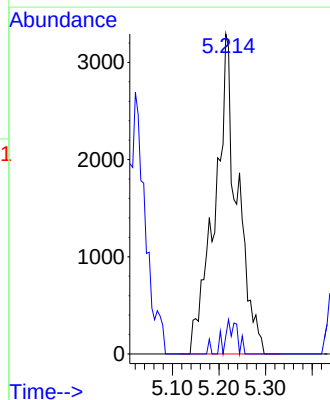
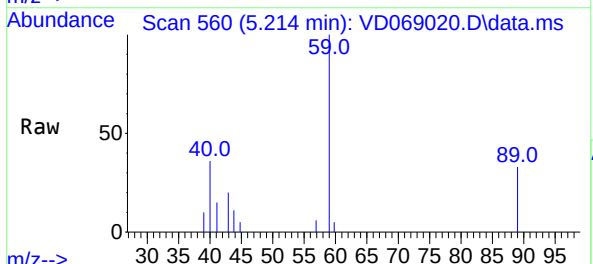
Instrument :
MSVOA_D
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OILY-DEBRIS-1907-1910

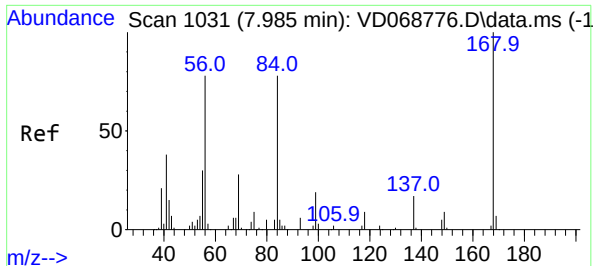
Tgt Ion:168 Resp: 240414
Ion Ratio Lower Upper
168 100
99 51.8 46.2 69.2



#11
Tert butyl alcohol
Concen: 59.65 ug/l m
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

Tgt Ion: 59 Resp: 11112
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

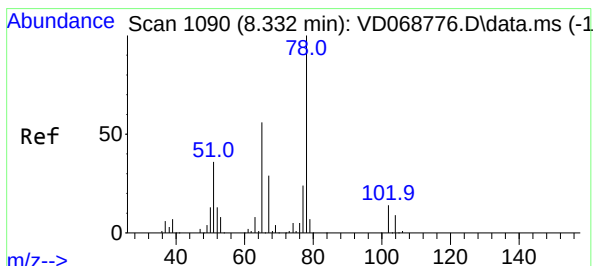
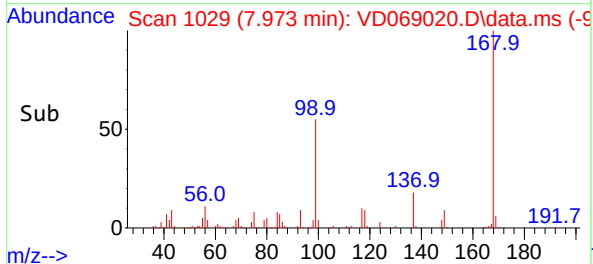
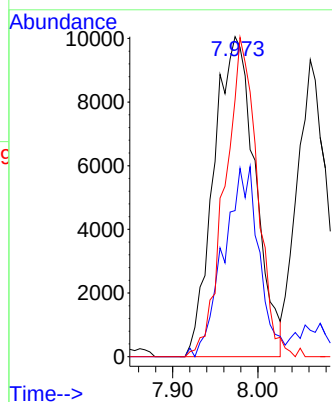
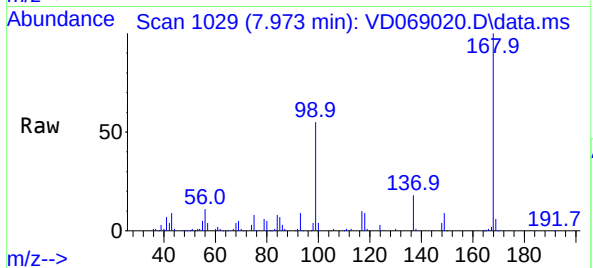




#31
Cyclohexane
Concen: 8.02 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

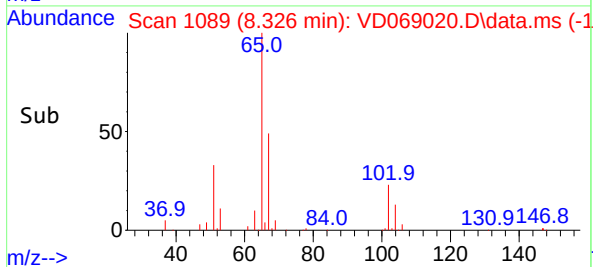
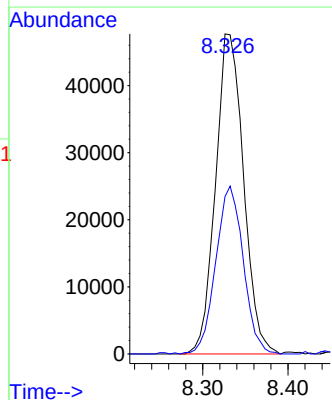
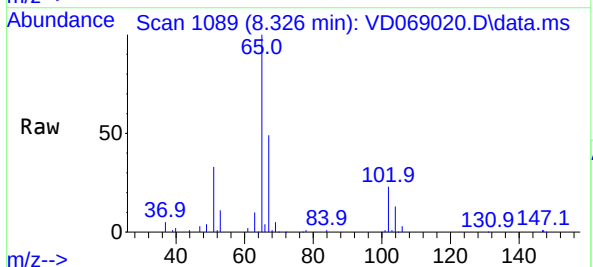
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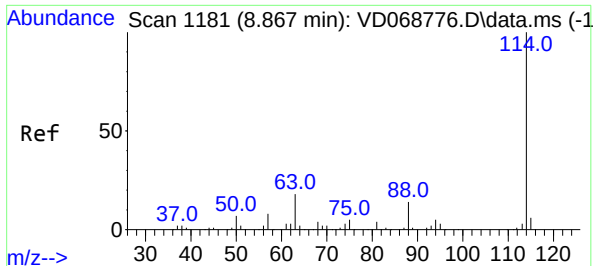
Tgt Ion: 56 Resp: 33920
Ion Ratio Lower Upper
56 100
69 45.6 30.0 45.0#
84 80.4 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 42.86 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

Tgt Ion: 65 Resp: 108907
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0



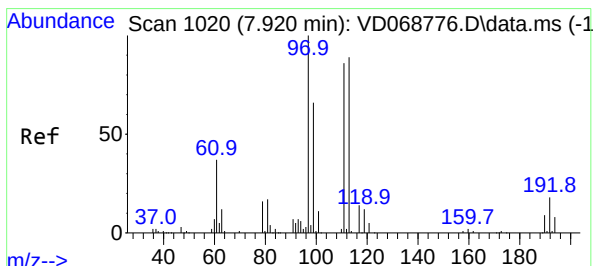
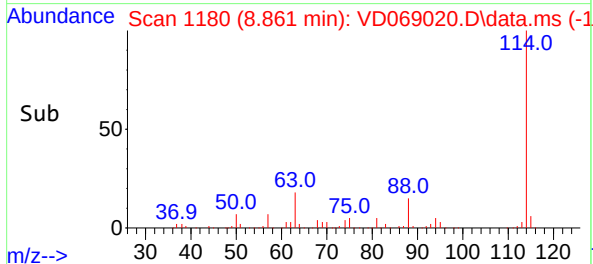
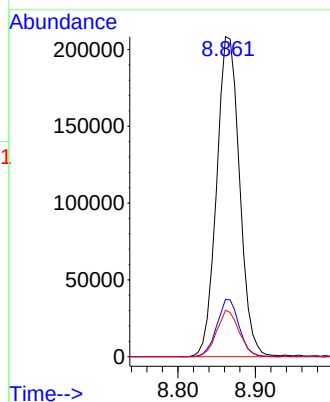
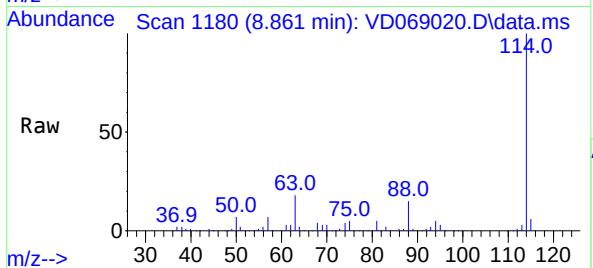


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRIS-1907-1910

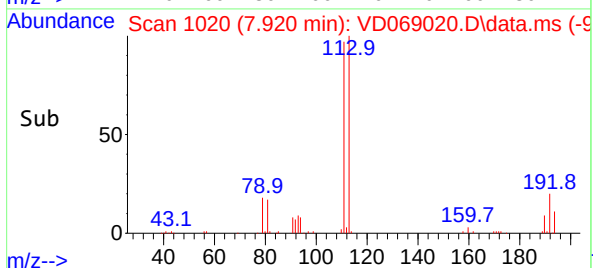
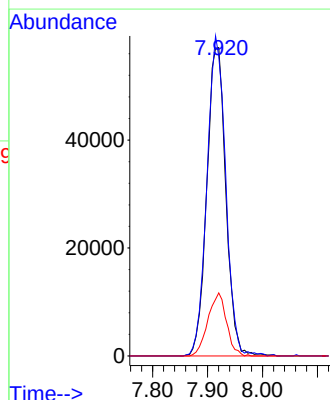
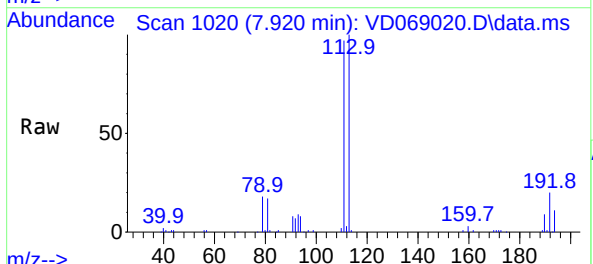
Tgt Ion:114 Resp: 429166
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.2
88 14.5 0.0 29.4

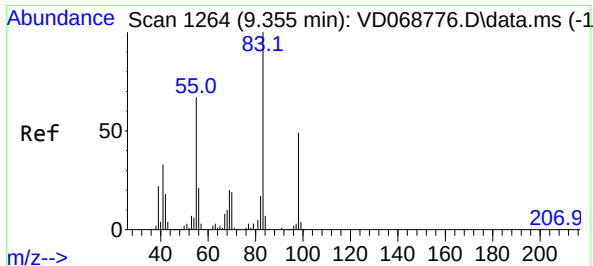


#35

Dibromofluoromethane
Concen: 49.28 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

Tgt Ion:113 Resp: 137577
Ion Ratio Lower Upper
113 100
111 102.3 82.5 123.7
192 20.0 15.1 22.7

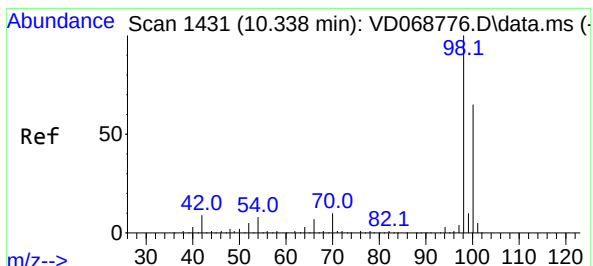
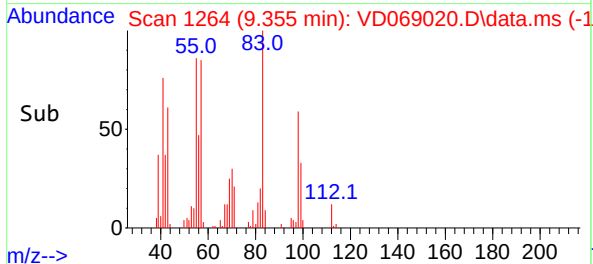
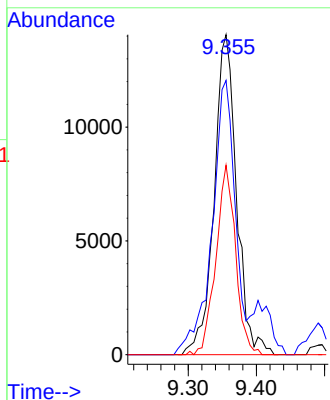
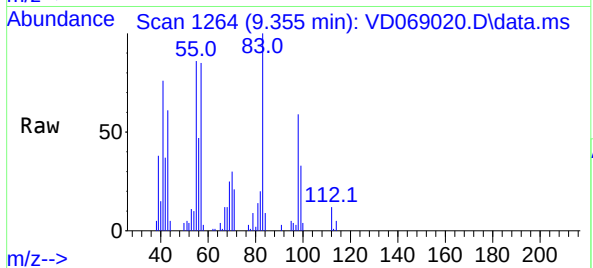




#39
Methylcyclohexane
Concen: 6.38 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

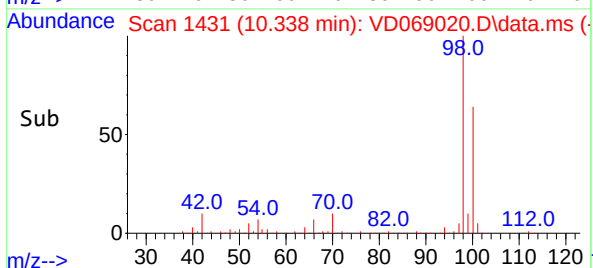
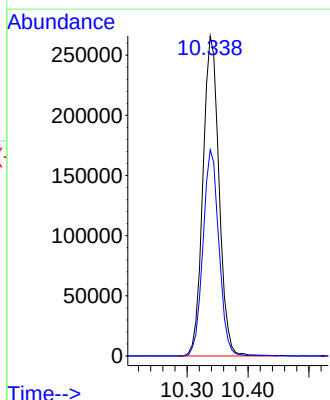
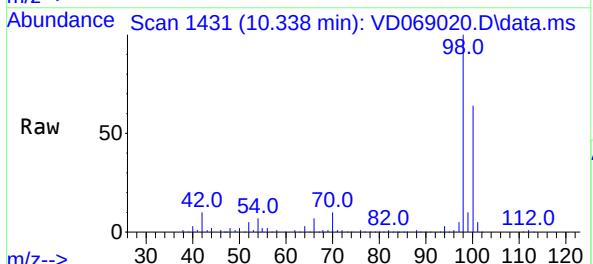
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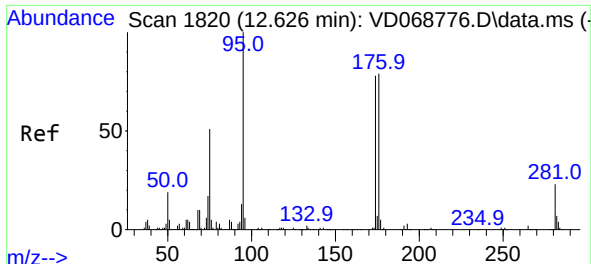
Tgt Ion: 83 Resp: 32300
Ion Ratio Lower Upper
83 100
55 83.8 51.7 77.5#
98 59.2 38.8 58.2#



#50
Toluene-d8
Concen: 46.43 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

Tgt Ion: 98 Resp: 488893
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

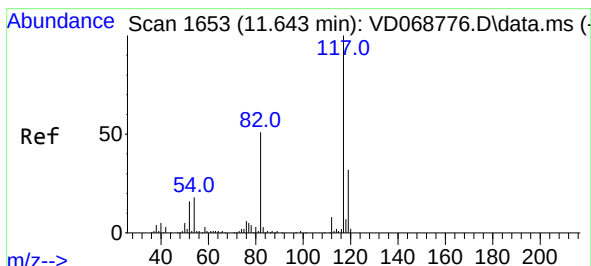
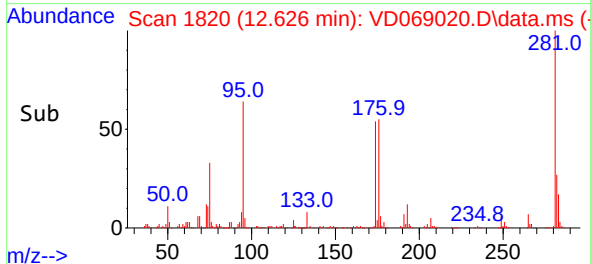
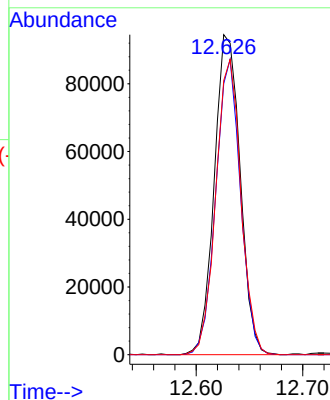
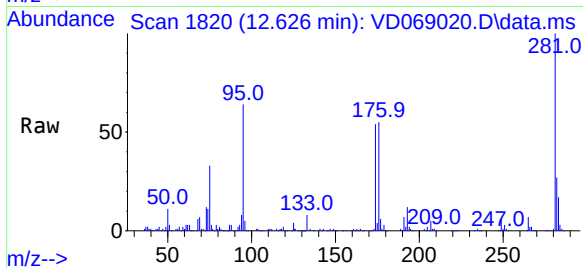




#62
4-Bromofluorobenzene
Concen: 45.58 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

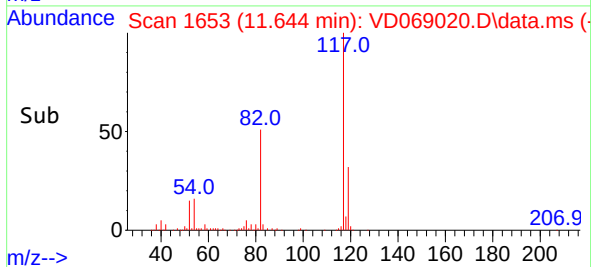
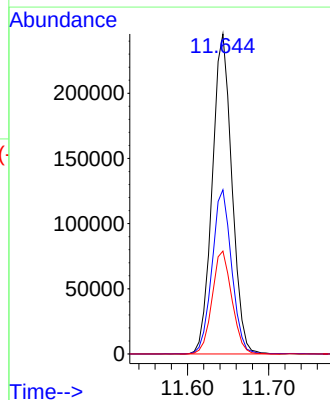
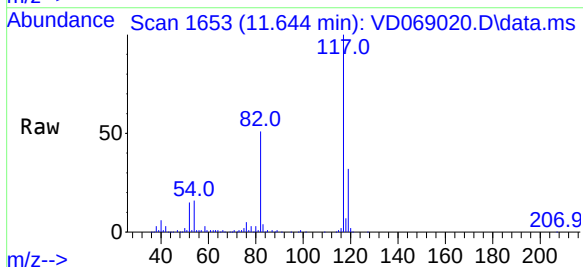
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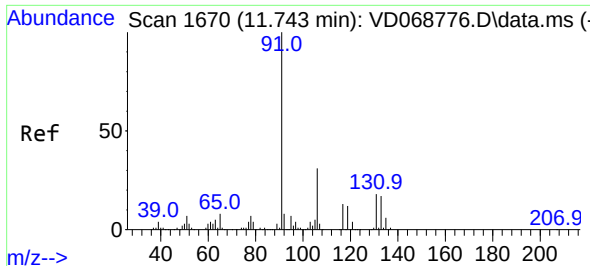
Tgt Ion: 95 Resp: 159418
Ion Ratio Lower Upper
95 100
174 87.9 0.0 168.0
176 89.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

Tgt Ion: 117 Resp: 412499
Ion Ratio Lower Upper
117 100
82 51.3 43.5 65.3
119 32.2 26.7 40.1

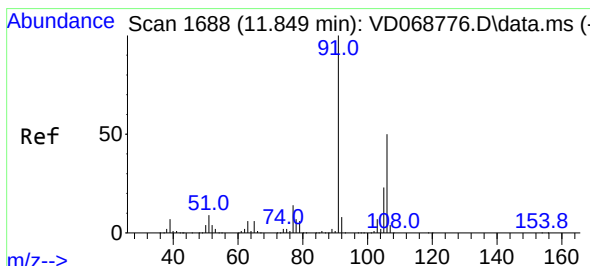
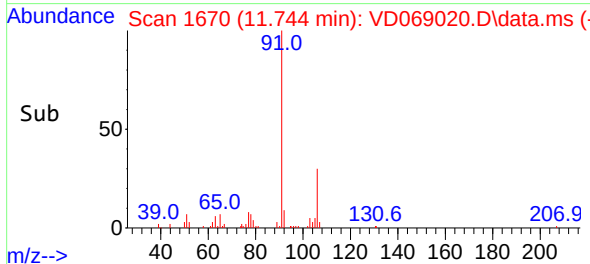
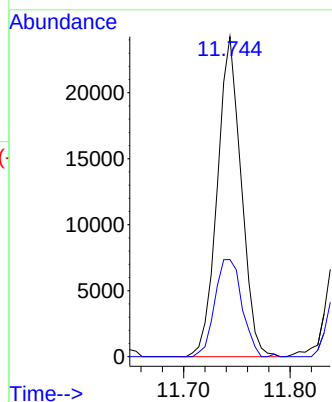
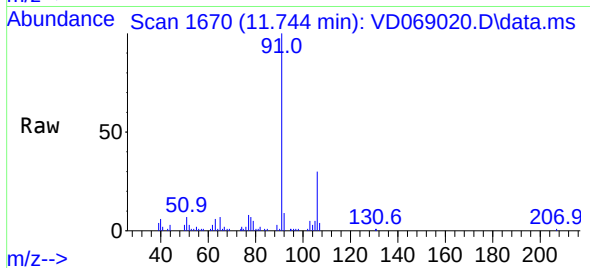




#67
Ethyl Benzene
Concen: 2.44 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.001 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

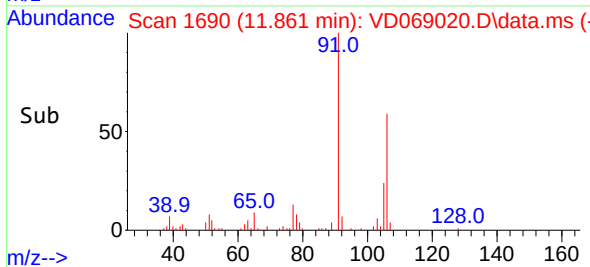
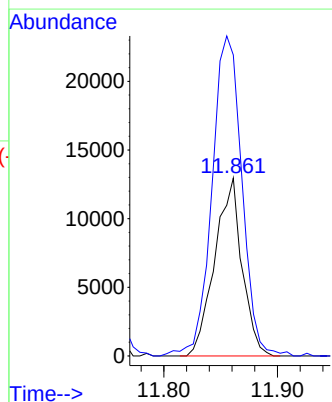
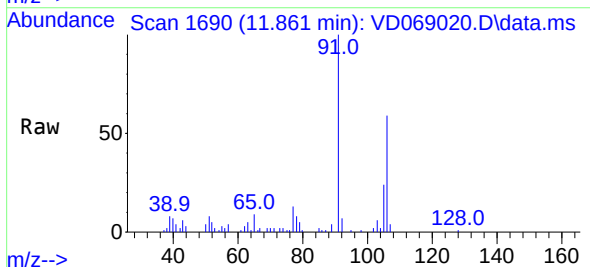
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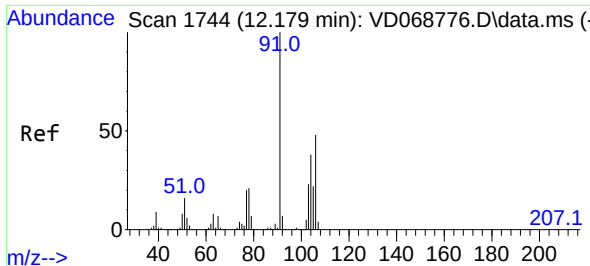
Tgt Ion: 91 Resp: 37750
Ion Ratio Lower Upper
91 100
106 30.4 25.1 37.7



#68
m/p-Xylenes
Concen: 3.62 ug/l
RT: 11.861 min Scan# 1690
Delta R.T. 0.012 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

Tgt Ion: 106 Resp: 21604
Ion Ratio Lower Upper
106 100
91 197.5 158.6 238.0

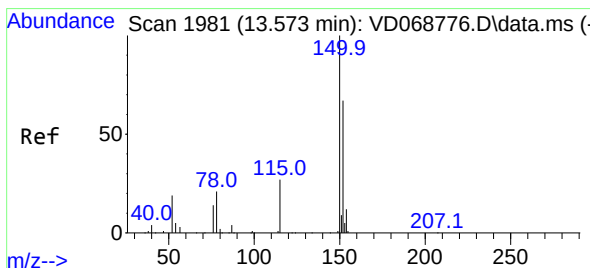
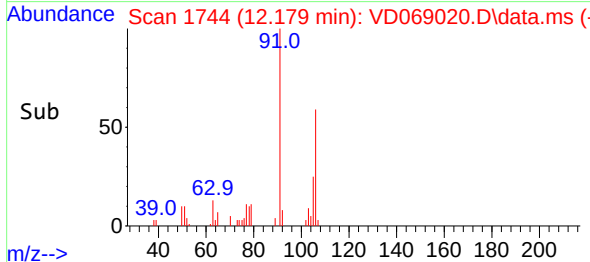
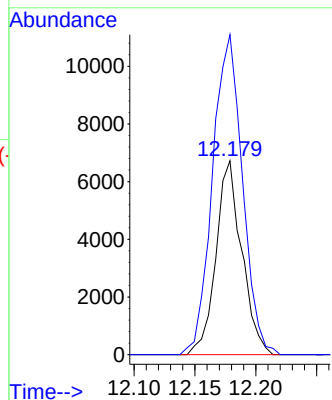
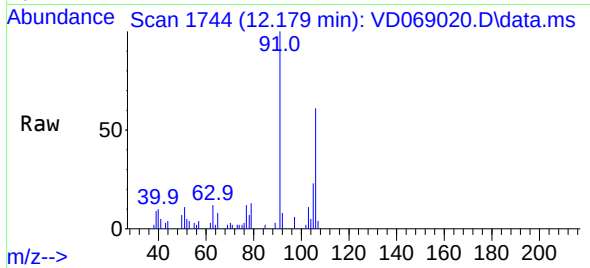




#69
o-Xylene
Concen: 1.83 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

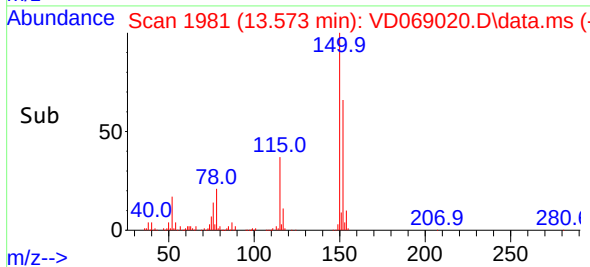
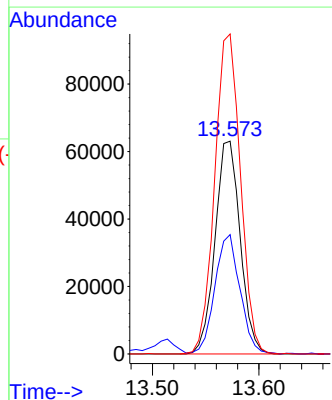
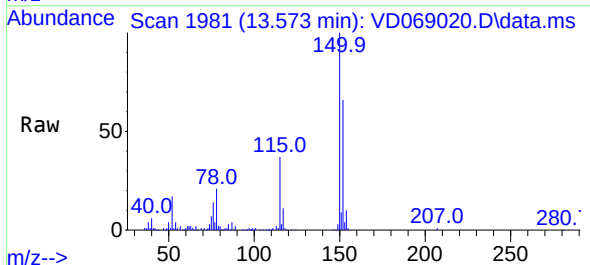
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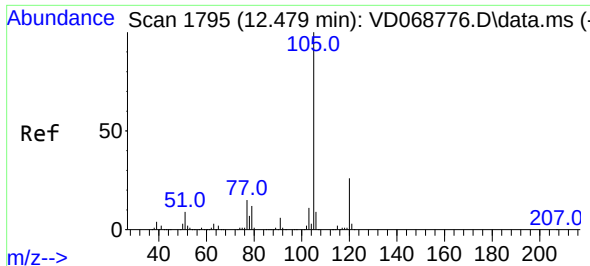
Tgt Ion:106 Resp: 9918
Ion Ratio Lower Upper
106 100
91 191.4 105.0 315.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

Tgt Ion:152 Resp: 103284
Ion Ratio Lower Upper
152 100
115 56.1 29.3 87.8
150 154.1 0.0 347.6

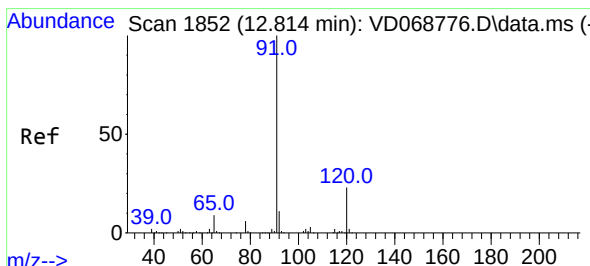
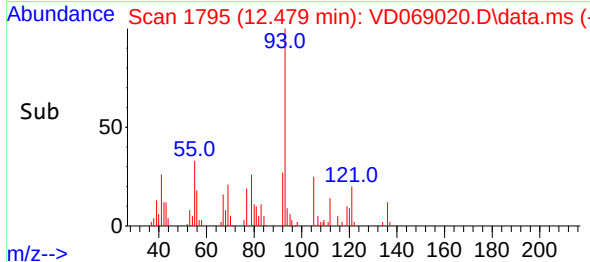
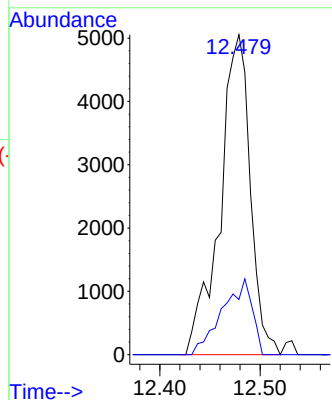
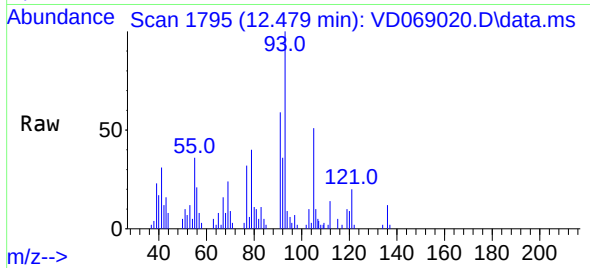




#73
Isopropylbenzene
Concen: 1.41 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

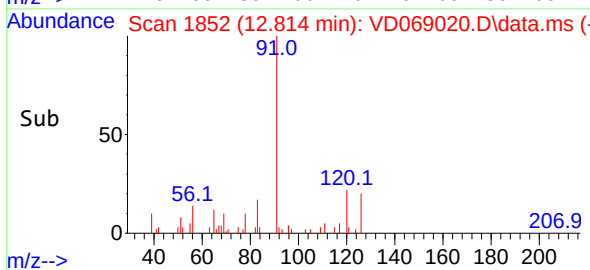
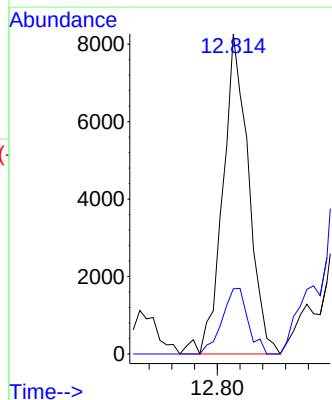
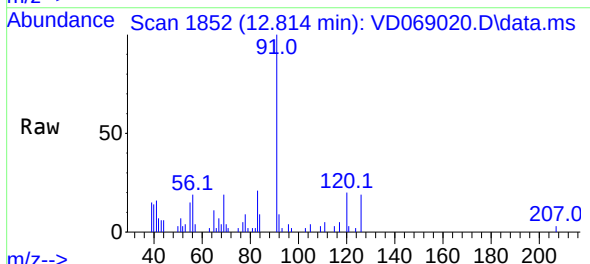
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRIS-1907-1910

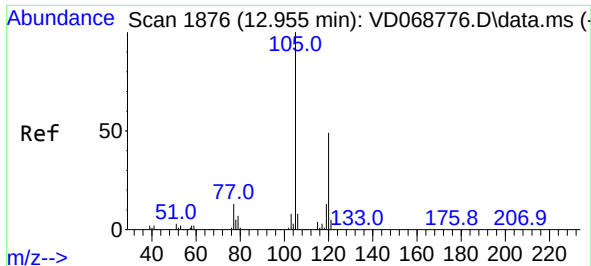
Tgt Ion:105 Resp: 10643
Ion Ratio Lower Upper
105 100
120 23.4 13.4 40.2



#78
n-propylbenzene
Concen: 1.42 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

Tgt Ion: 91 Resp: 13003
Ion Ratio Lower Upper
91 100
120 20.5 11.4 34.2

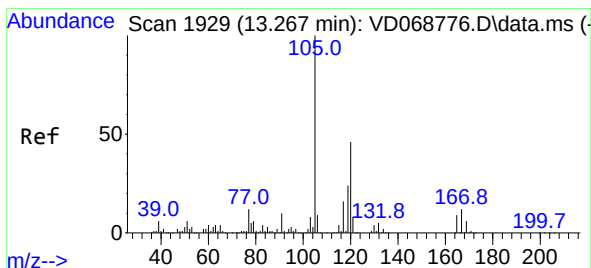
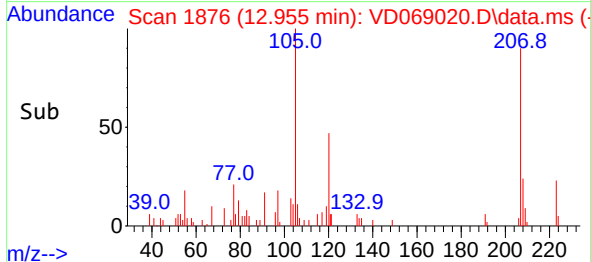
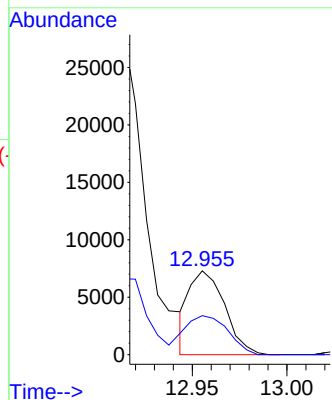
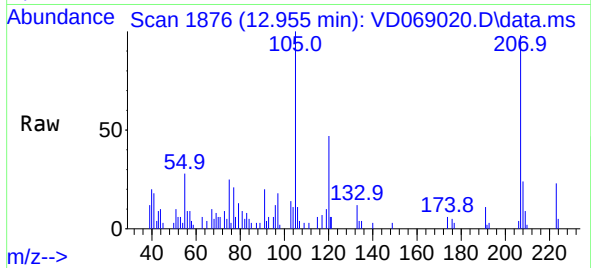




#80
1,3,5-Trimethylbenzene
Concen: 1.50 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

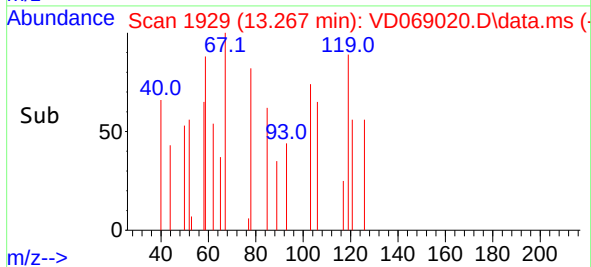
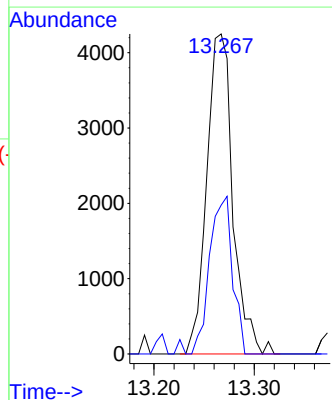
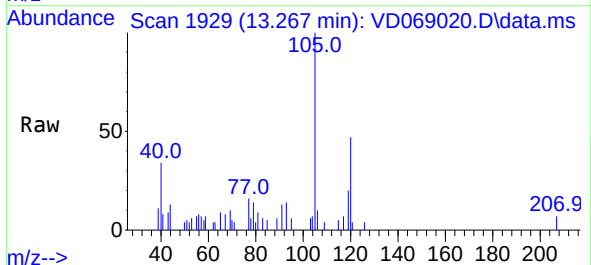
Instrument :
MSVOA_D
ClientSampleId :
OILY-DEBRIS-1907-1910

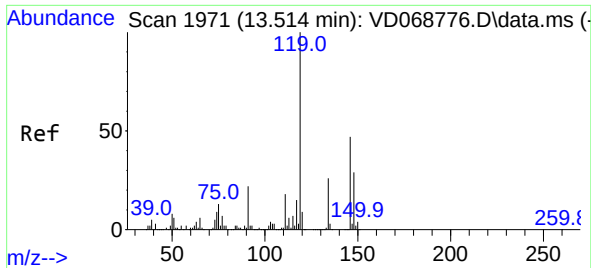
Tgt Ion:105 Resp: 9464
Ion Ratio Lower Upper
105 100
120 57.9 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 1.21 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD069020.D
Acq: 29 Apr 2021 16:06

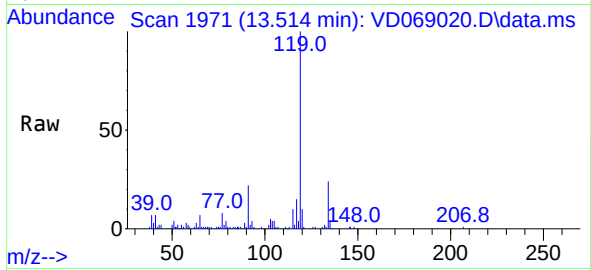
Tgt Ion:105 Resp: 7690
Ion Ratio Lower Upper
105 100
120 42.9 22.6 67.7





#86
 p-Isopropyltoluene
 Concen: 10.96 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD069020.D
 Acq: 29 Apr 2021 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-DEBRIS-1907-1910



Tgt Ion:119 Resp: 75570
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.9
 91 0.0 11.1 33.1#

