

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069335.D
 Acq On : 03 Jun 2021 20:00
 Operator : VA/SY
 Sample : M2583-03
 Misc : 1.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 41122

Manual Integrations
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Quant Time: Jun 04 09:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	517882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	842536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	723734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	297359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	203330	40.918	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.840%		
35) Dibromofluoromethane	7.914	113	250061	47.262	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.520%		
50) Toluene-d8	10.344	98	975063	50.680	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.360%		
62) 4-Bromofluorobenzene	12.626	95	316694	50.234	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.460%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.226	59	10106	7.812	ug/l #	73
16) Acetone	4.156	43	13075317	15078.270	ug/l	90
25) 2-Butanone	7.208	43	29177	25.570	ug/l #	60
39) Methylcyclohexane	9.355	83	873227	104.234	ug/l	97
40) Benzene	8.349	78	265580	11.166	ug/l	97
52) Toluene	10.391	92	26626529m	1773.603	ug/l	
67) Ethyl Benzene	11.743	91	676383	26.619	ug/l	99
68) m/p-Xylenes	11.849	106	958037	96.221	ug/l	98
69) o-Xylene	12.179	106	494134	56.113	ug/l	99
73) Isopropylbenzene	12.473	105	221031	10.861	ug/l	99
78) n-propylbenzene	12.814	91	748196	29.977	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	901921	52.329	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	3459427	201.821	ug/l	98
85) sec-Butylbenzene	13.396	105	297530	13.966	ug/l	87
86) p-Isopropyltoluene	13.508	119	238534	12.805	ug/l	100
89) n-Butylbenzene	13.837	91	284843	16.343	ug/l #	78
95) Naphthalene	15.390	128	399665	40.087	ug/l	98

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

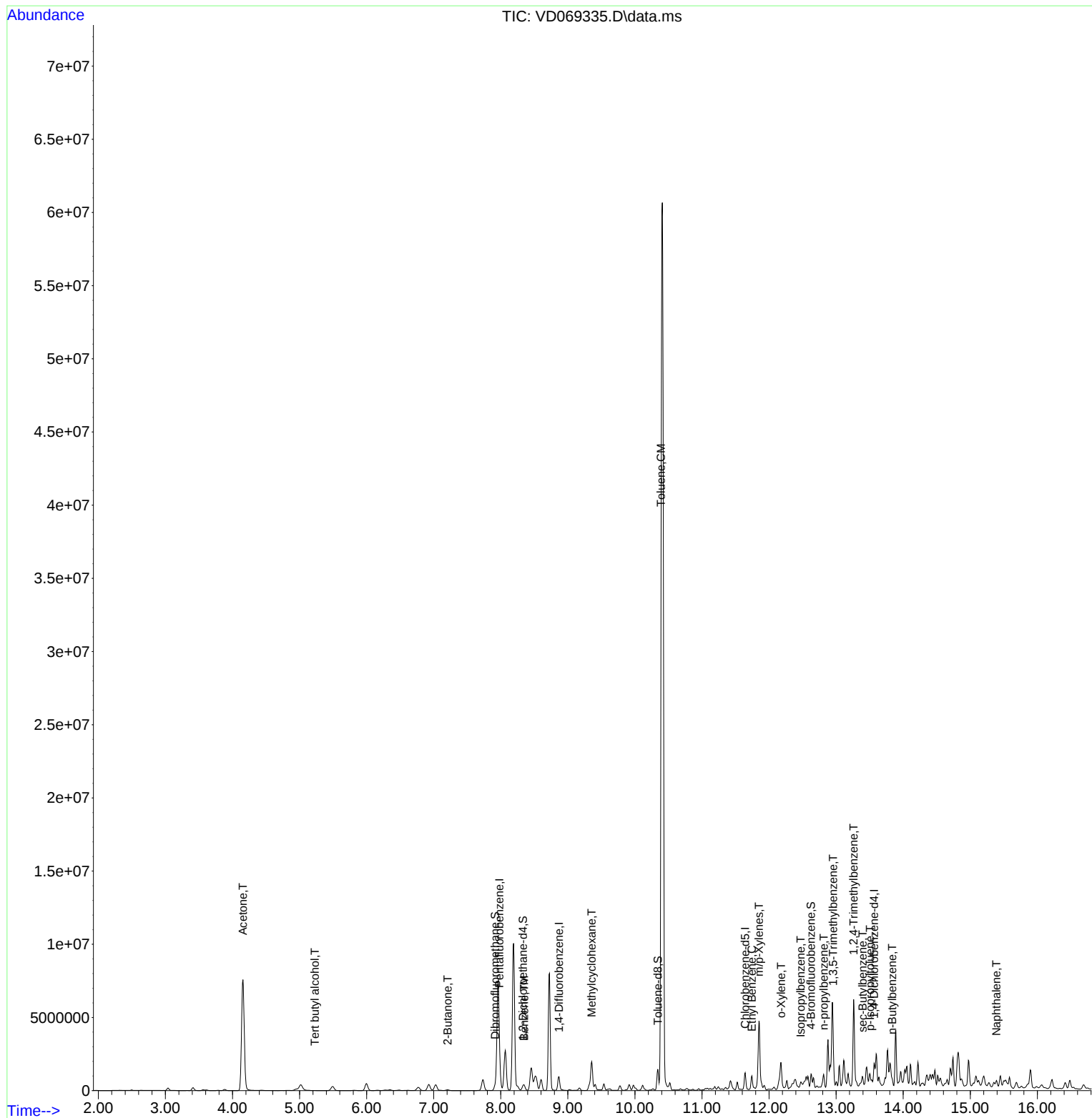
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069335.D
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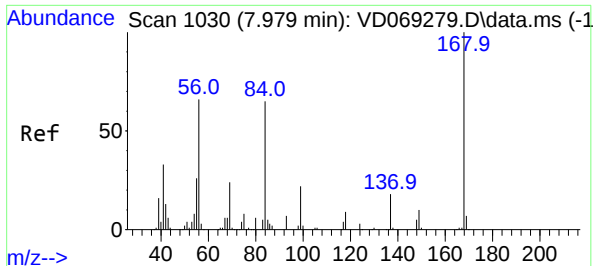
Instrument :
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ClientSampleId :
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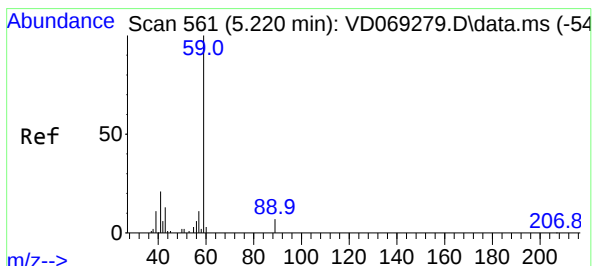
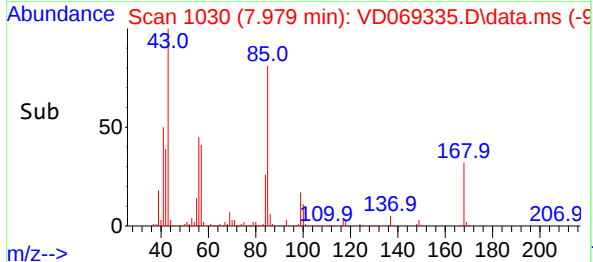
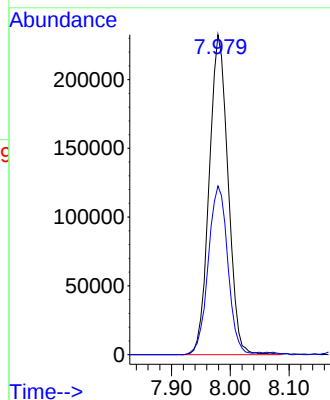
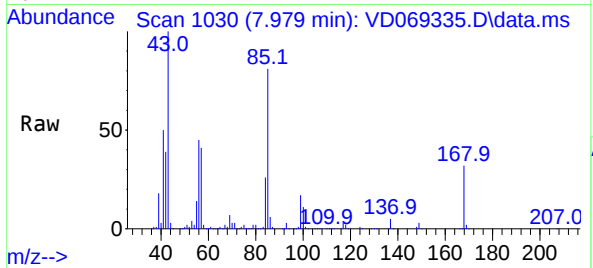
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Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
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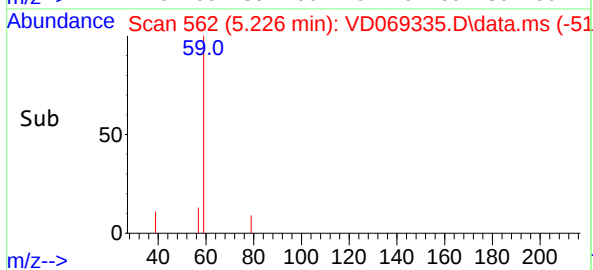
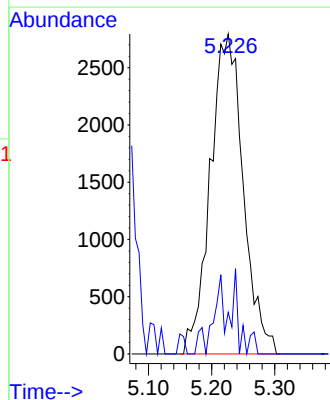
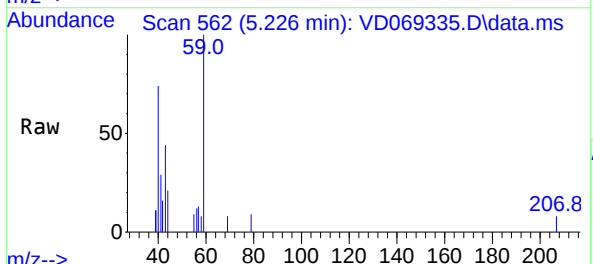
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion:168 Resp: 517882
Ion Ratio Lower Upper
168 100
99 52.6 46.2 69.2



#11
Tert butyl alcohol
Concen: 7.812 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

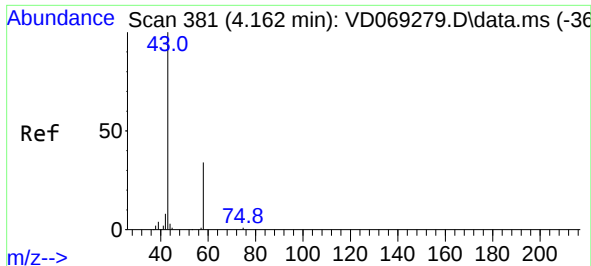
Tgt Ion: 59 Resp: 10106
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



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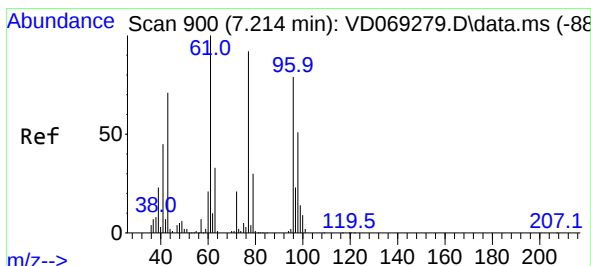
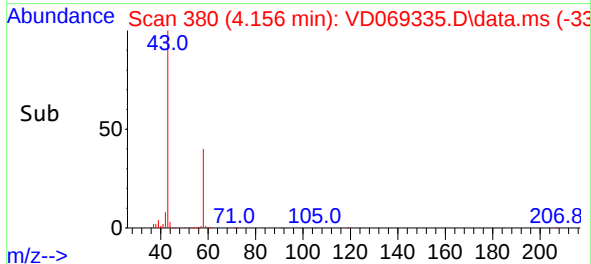
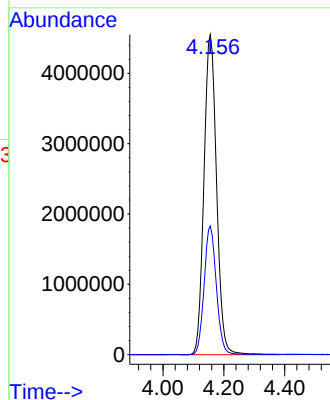
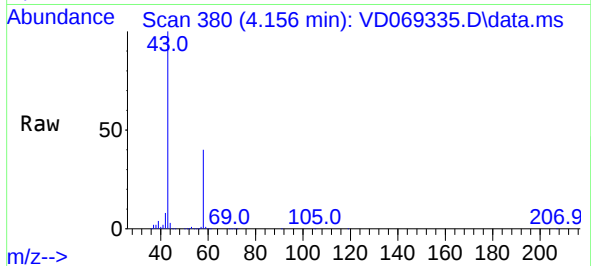
#16
Acetone
Concen: 15078.270 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 43 Resp:13075317
Ion Ratio Lower Upper
43 100
58 40.2 27.5 41.3

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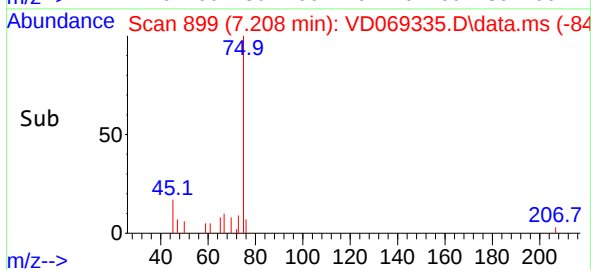
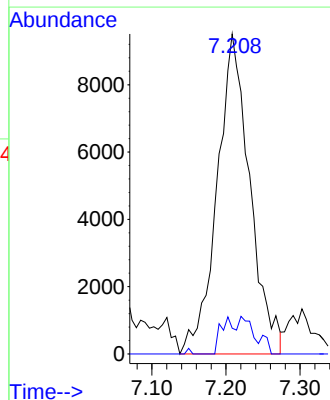
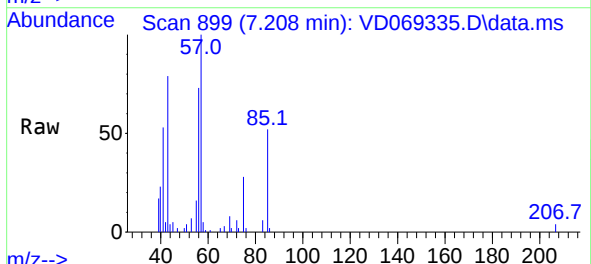
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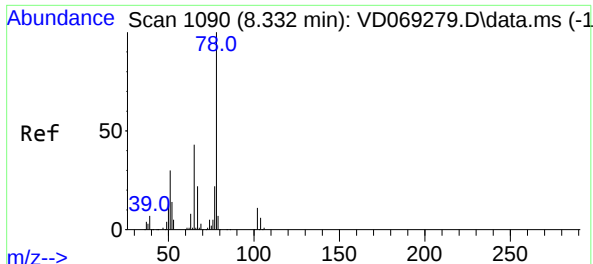
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#25
2-Butanone
Concen: 25.570 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 43 Resp: 29177
Ion Ratio Lower Upper
43 100
72 8.0 23.9 35.9#





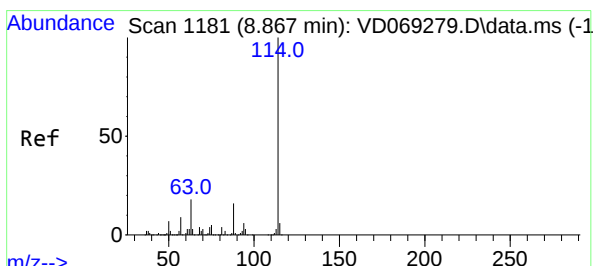
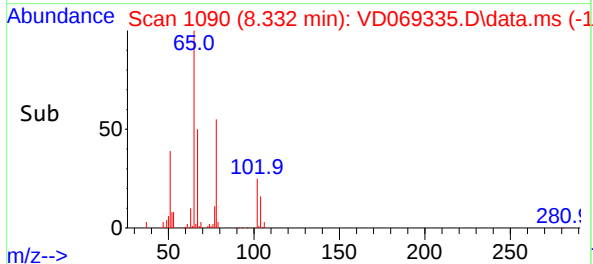
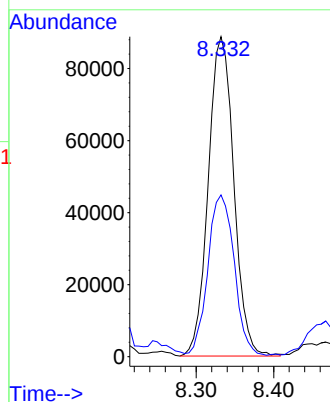
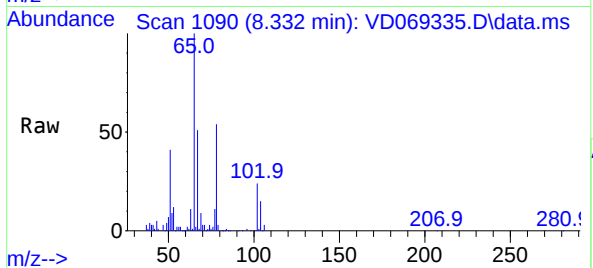
#33
1,2-Dichloroethane-d4
Concen: 40.918 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 65 Resp: 203330
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8

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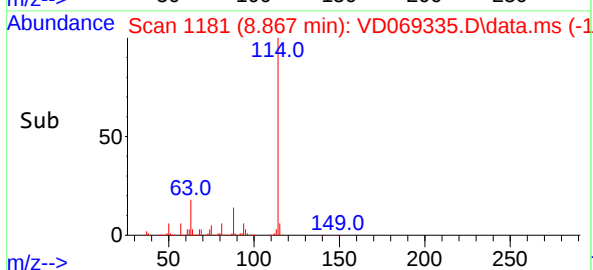
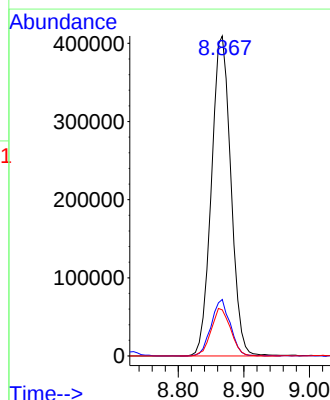
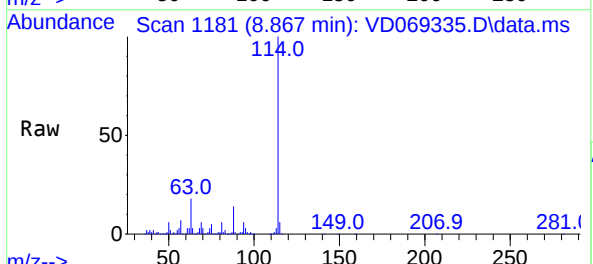
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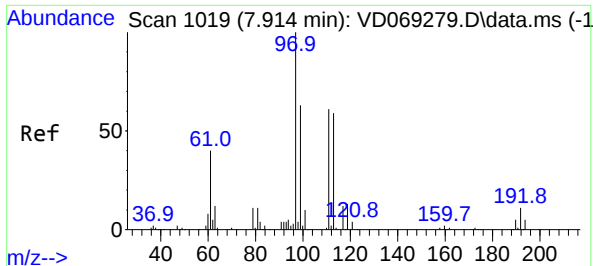
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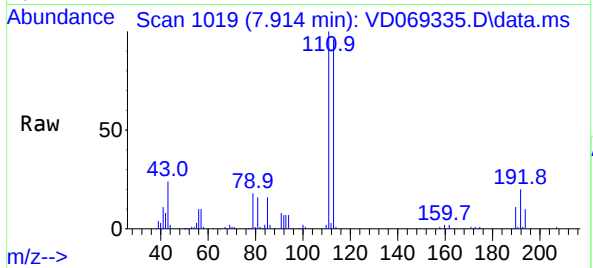
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion:114 Resp: 842536
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.6
88 14.4 0.0 31.2

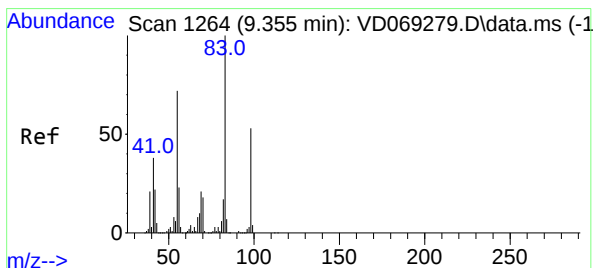
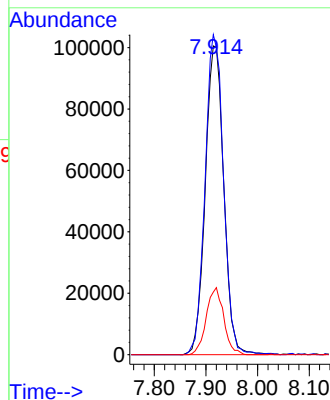
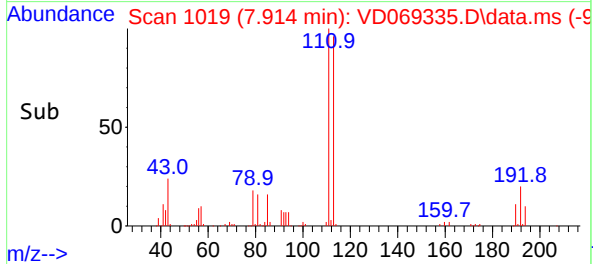




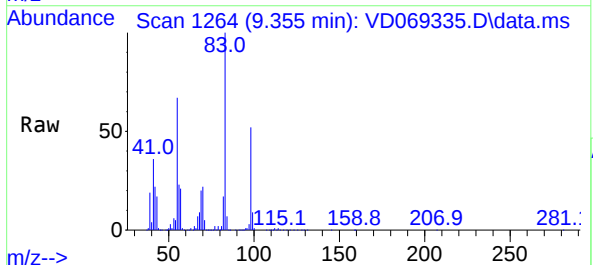
#35
Dibromofluoromethane
Concen: 47.262 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00



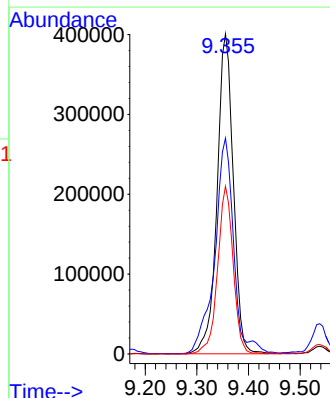
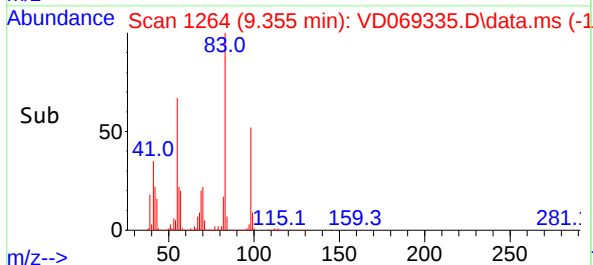
Tgt Ion:113 Resp: 250061
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 20.5 15.1 22.7



#39
Methylcyclohexane
Concen: 104.234 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00



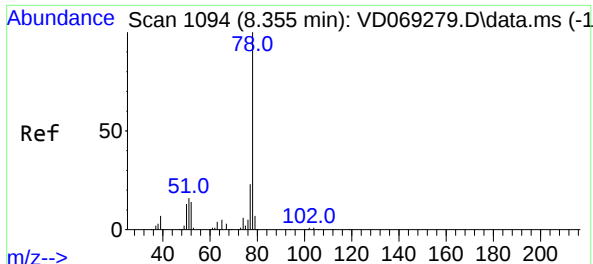
Tgt Ion: 83 Resp: 873227
Ion Ratio Lower Upper
83 100
55 67.4 57.4 86.2
98 52.4 42.2 63.2



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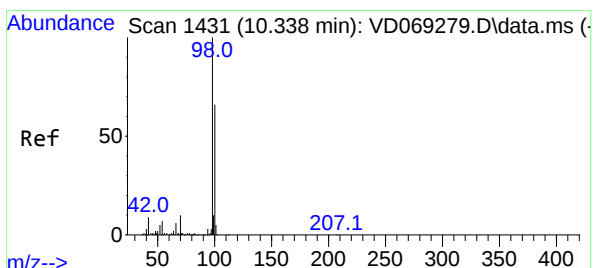
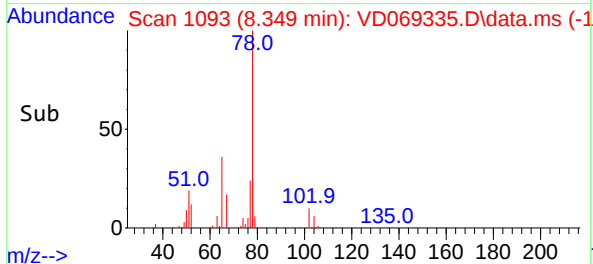
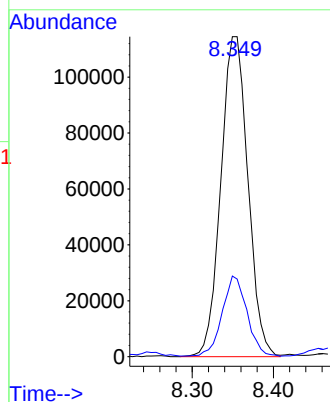
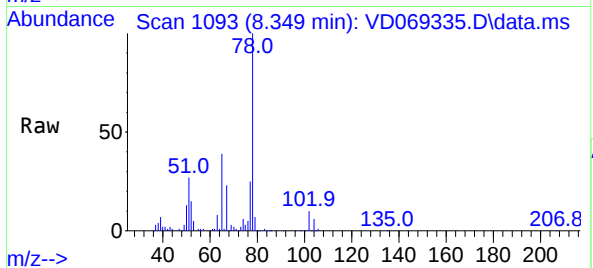
#40
Benzene
Concen: 11.166 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 78 Resp: 265580
Ion Ratio Lower Upper
78 100
77 25.0 18.7 28.1

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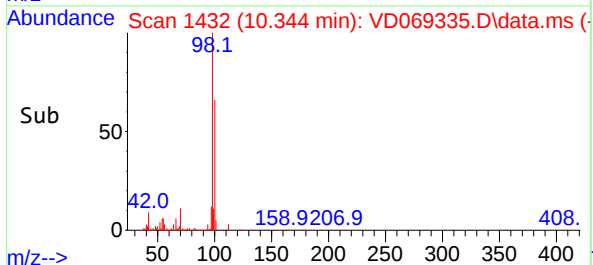
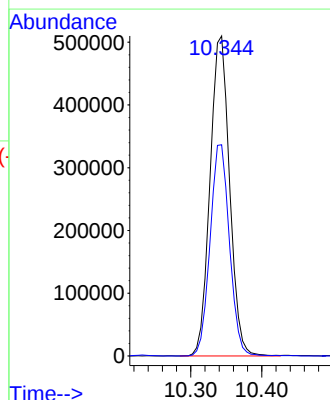
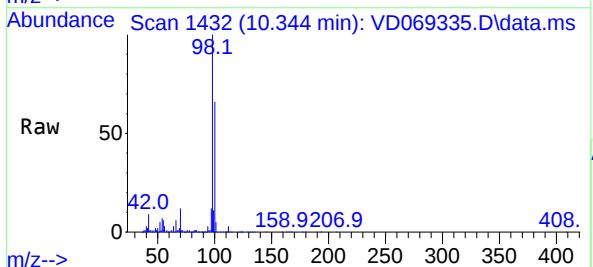
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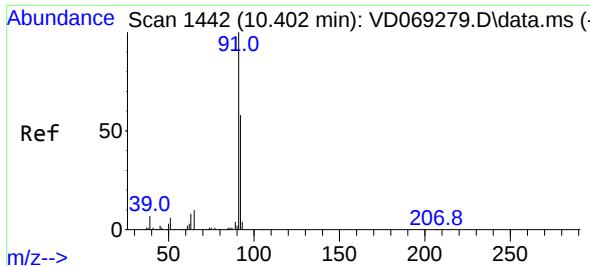
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#50
Toluene-d8
Concen: 50.680 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 98 Resp: 975063
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1





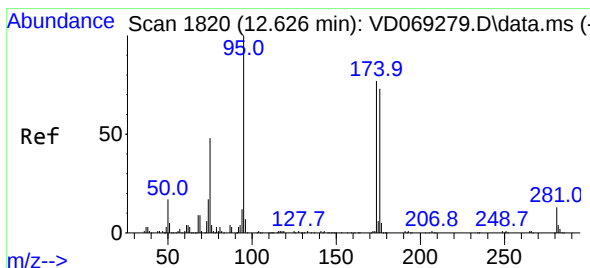
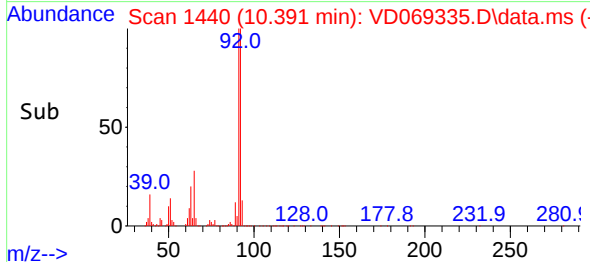
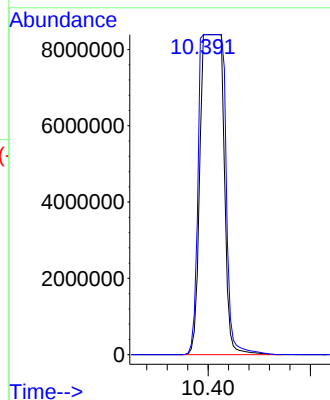
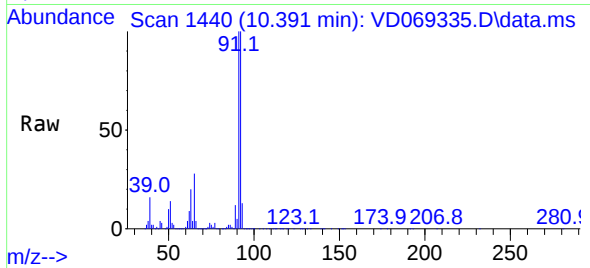
#52
Toluene
Concen: 1773.603 ug/l m
RT: 10.391 min Scan# 1440
Delta R.T. -0.012 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 92 Resp: 26626529
Ion Ratio Lower Upper
92 100
91 0.0 138.4 207.6#

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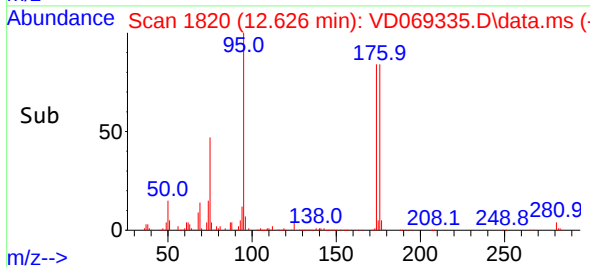
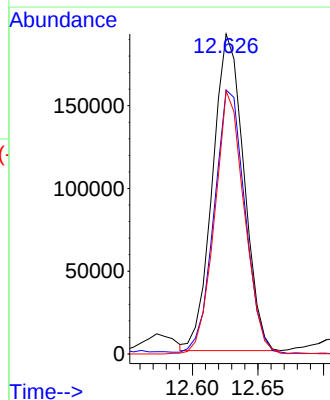
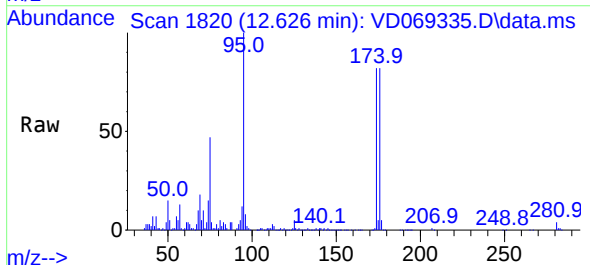
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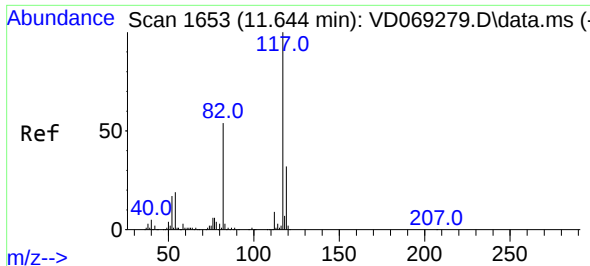
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#62
4-Bromofluorobenzene
Concen: 50.234 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 95 Resp: 316694
Ion Ratio Lower Upper
95 100
174 82.3 0.0 162.8
176 78.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

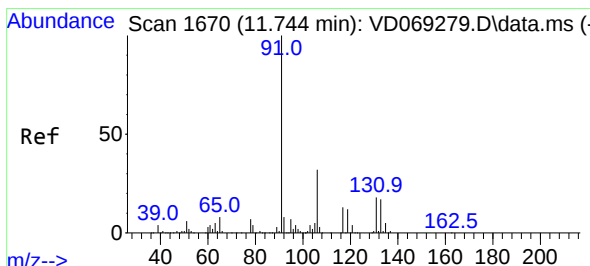
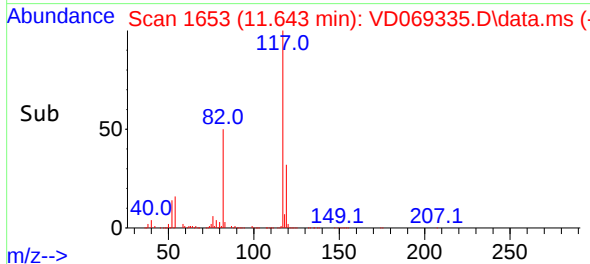
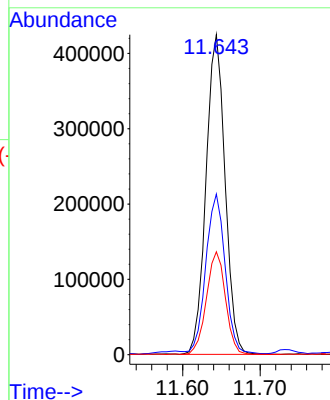
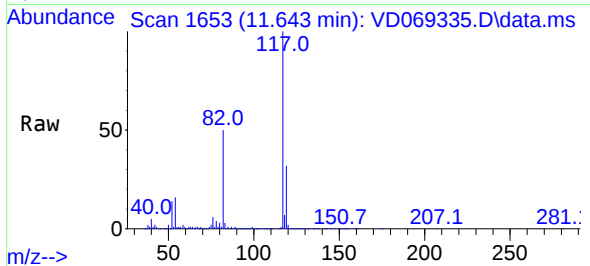
Tgt Ion: 117 Resp: 723734

Ion	Ratio	Lower	Upper
117	100		
82	49.3	43.3	64.9
119	32.1	25.3	37.9

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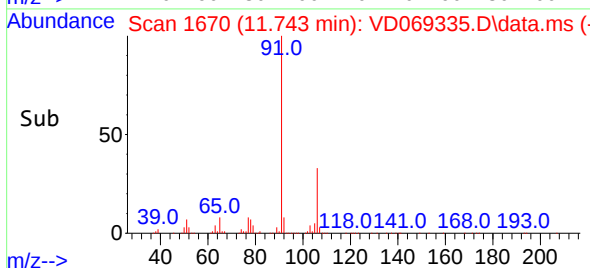
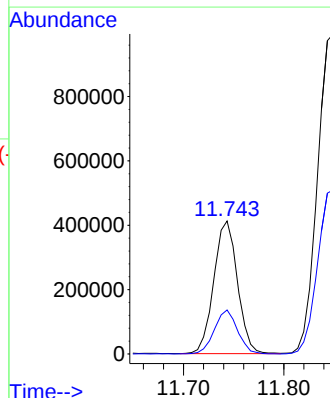
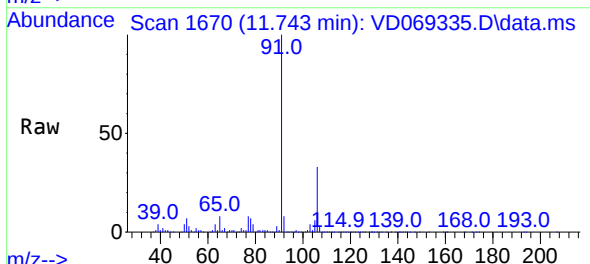
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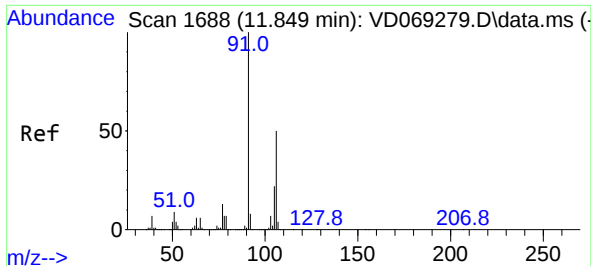


#67
Ethyl Benzene
Concen: 26.619 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 91 Resp: 676383

Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.9	38.9





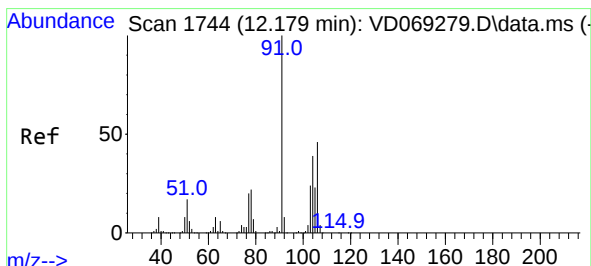
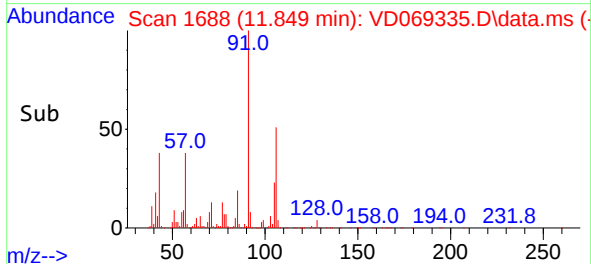
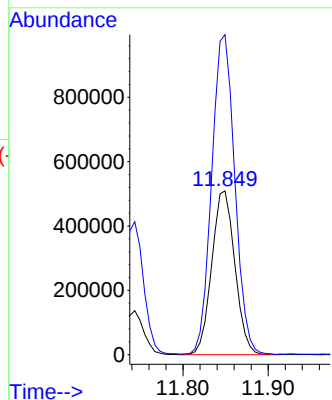
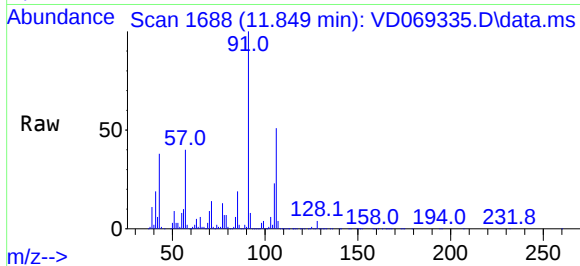
#68
m/p-Xylenes
Concen: 96.221 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion:106 Resp: 958037
Ion Ratio Lower Upper
106 100
91 195.1 158.3 237.5

Instrument :
MSVOA_D
ClientSampled :
41122

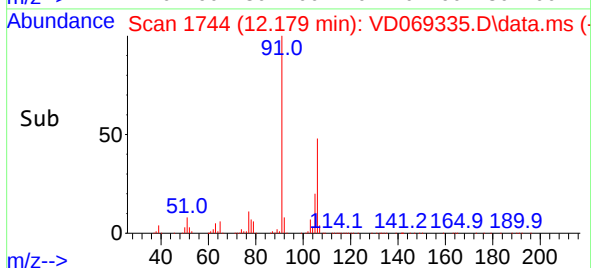
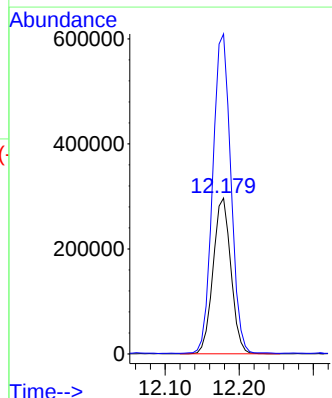
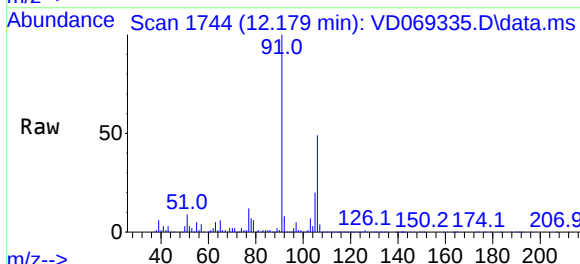
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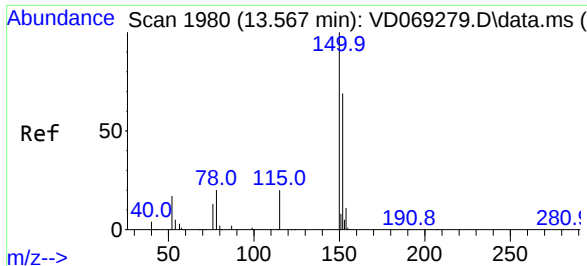
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#69
o-Xylene
Concen: 56.113 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion:106 Resp: 494134
Ion Ratio Lower Upper
106 100
91 209.2 105.5 316.4





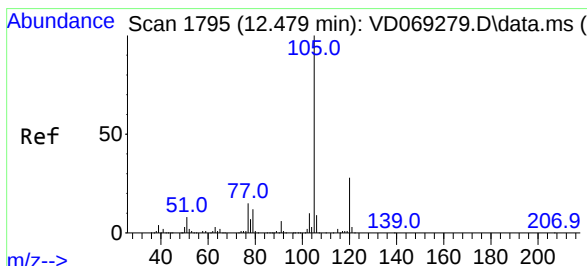
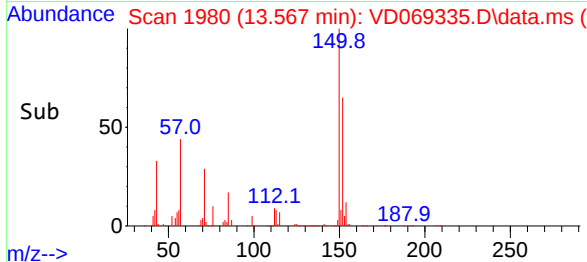
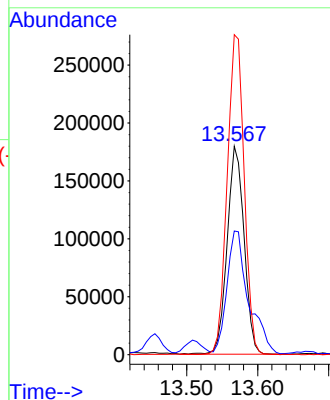
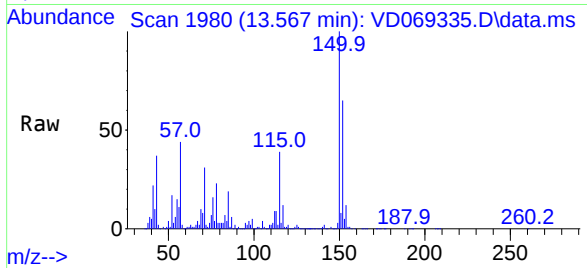
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion:152 Resp: 297359
Ion Ratio Lower Upper
152 100
115 75.0 29.4 88.3
150 154.8 0.0 355.0

Instrument :
MSVOA_D
ClientSampled :
41122

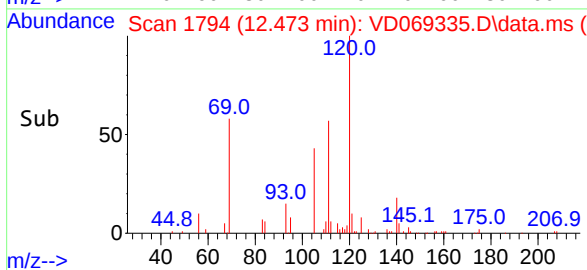
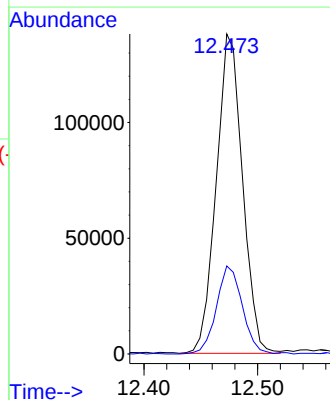
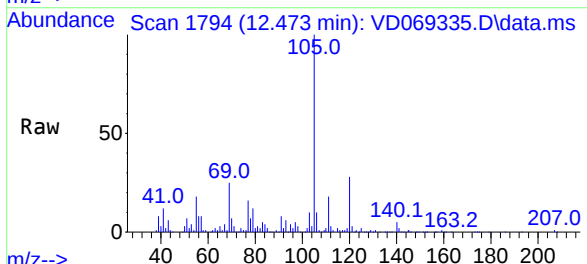
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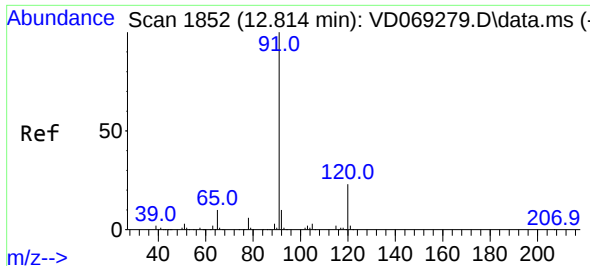
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#73
Isopropylbenzene
Concen: 10.861 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

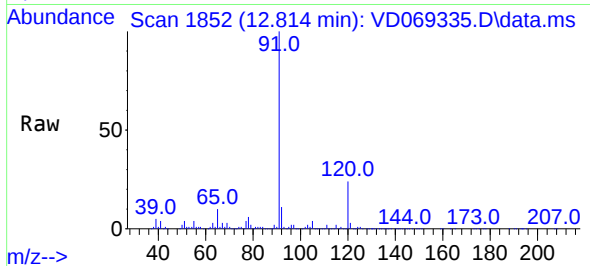
Tgt Ion:105 Resp: 221031
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5





#78
n-propylbenzene
Concen: 29.977 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

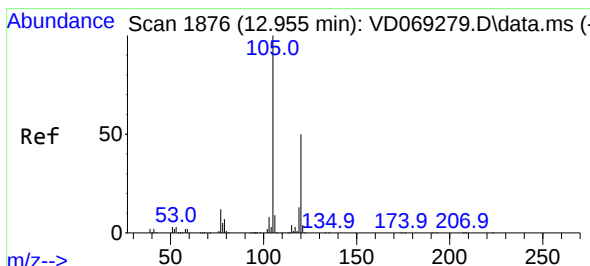
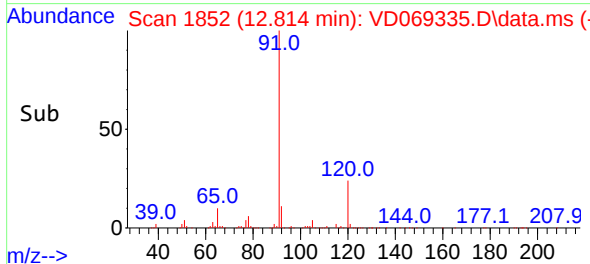
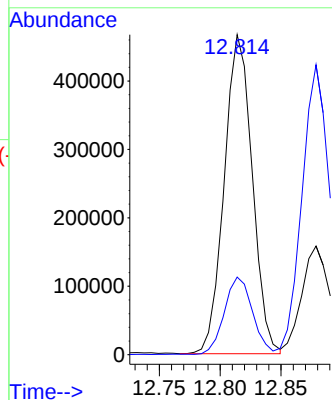
Instrument :
MSVOA_D
ClientSampled :
41122



Tgt Ion: 91 Resp: 748196
Ion Ratio Lower Upper
91 100
120 24.4 11.6 34.8

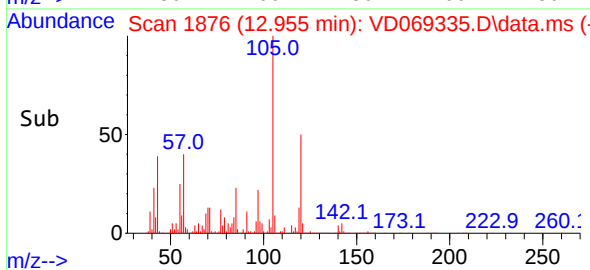
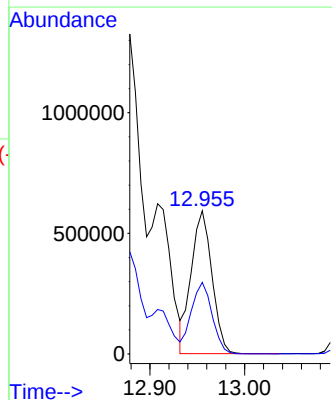
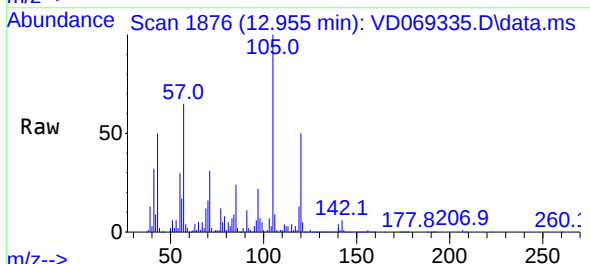
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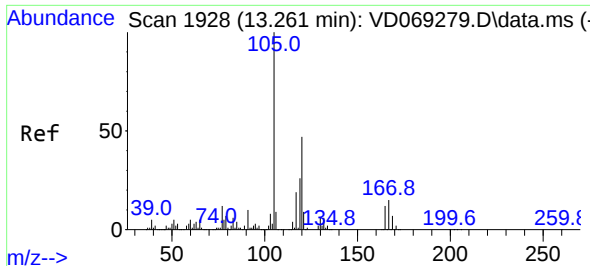
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#80
1,3,5-Trimethylbenzene
Concen: 52.329 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

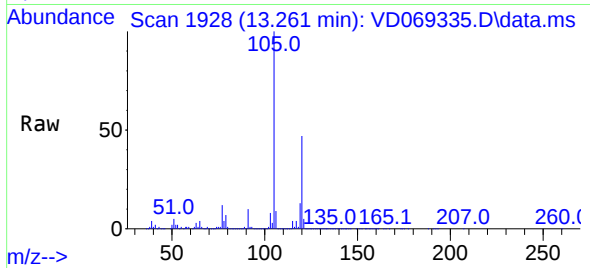
Tgt Ion: 105 Resp: 901921
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 201.821 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

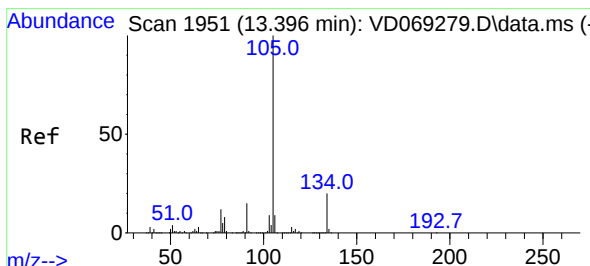
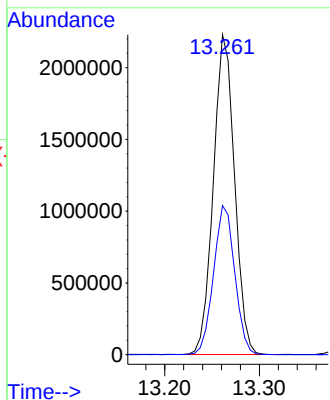
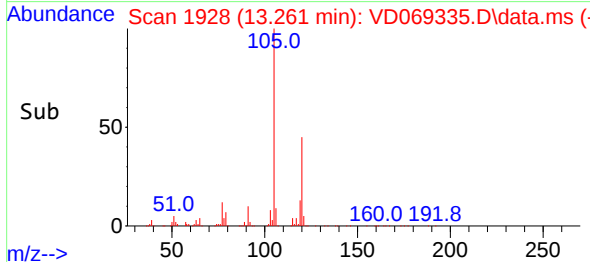
Instrument :
MSVOA_D
ClientSampled :
41122



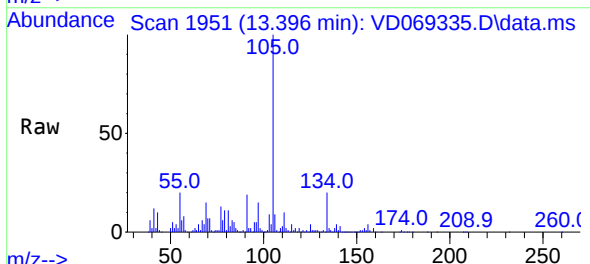
Tgt Ion:105 Resp: 3459427
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.8

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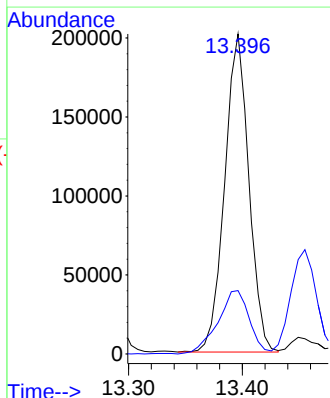
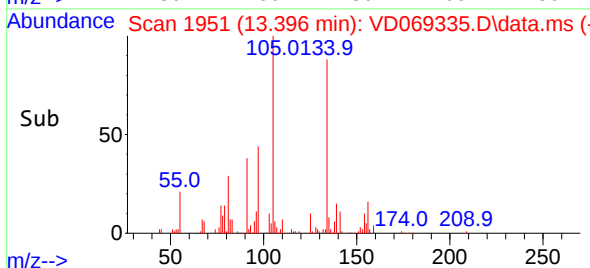
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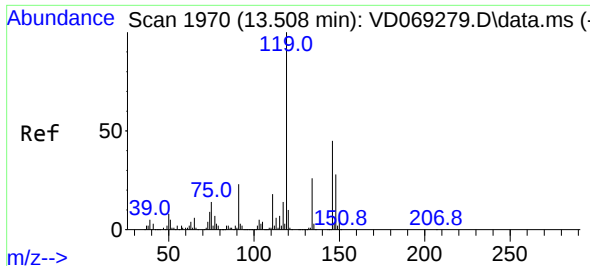


#85
sec-Butylbenzene
Concen: 13.966 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00



Tgt Ion:105 Resp: 297530
Ion Ratio Lower Upper
105 100
134 26.0 10.1 30.3





#86
p-Isopropyltoluene
Concen: 12.805 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

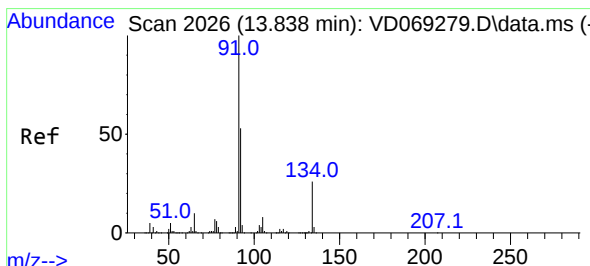
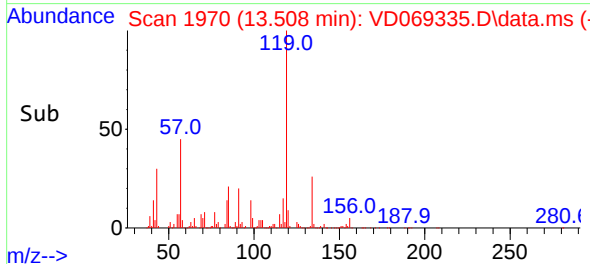
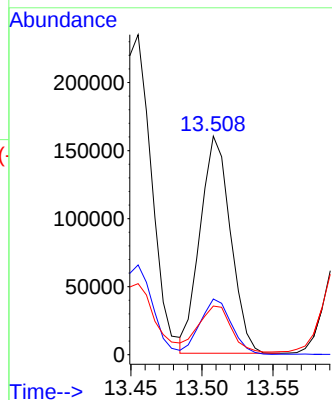
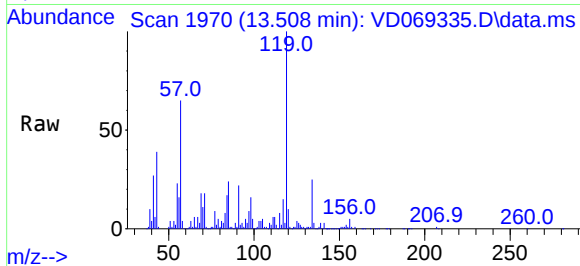
Tgt Ion: 119 Resp: 238534

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	39.0
91	22.4	11.3	33.8

Instrument :
MSVOA_D
ClientSampled :
41122

Manual Integrations
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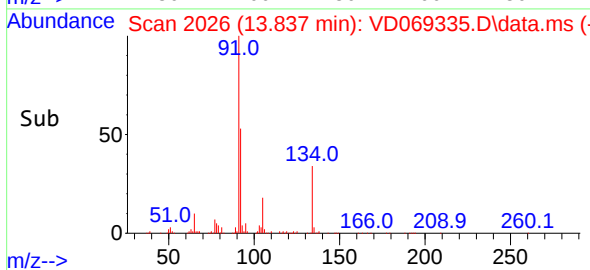
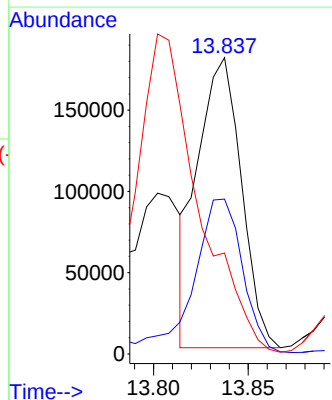
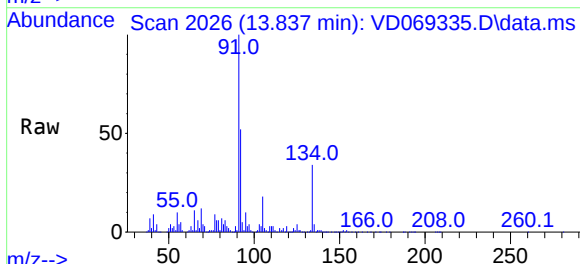
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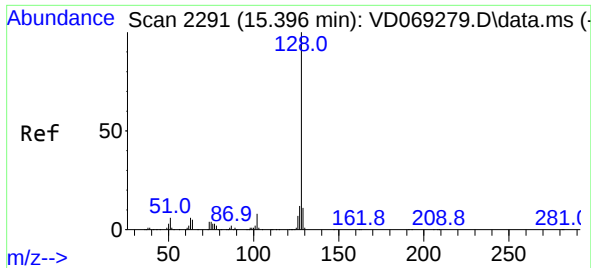


#89
n-Butylbenzene
Concen: 16.343 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Tgt Ion: 91 Resp: 284843

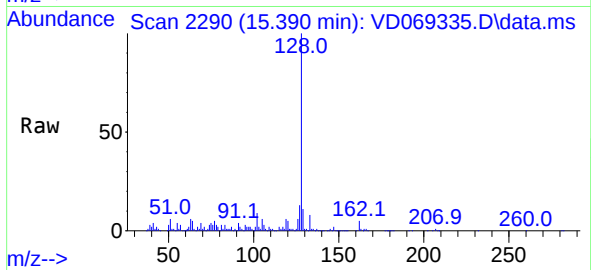
Ion	Ratio	Lower	Upper
91	100		
92	58.7	26.4	79.2
134	0.0	13.0	38.9#





#95
Naphthalene
Concen: 40.087 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069335.D
Acq: 03 Jun 2021 20:00

Instrument :
MSVOA_D
ClientSampleId :
41122



Tgt Ion:128 Resp: 399665
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.9 8.8 13.2

Manual Integrations
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