

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042860.D
 Acq On : 31 Mar 2021 16:17
 Operator : SY/MD
 Sample : M1836-04ME 10X
 Misc : 12.19g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B2-10-12ME

Manual Integrations
 APPROVED

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 4/2/2021 12:46:07 PM

Quant Time: Apr 01 04:43:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	113610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	178789	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	181380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	111527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	87963	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
35) Dibromofluoromethane	5.298	113	59778	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	
50) Toluene-d8	7.906	98	232540	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	10.639	95	99781	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.372	73	54219	13.87	ug/l #	1
31) Cyclohexane	5.385	56	28084	12.46	ug/l #	83
39) Methylcyclohexane	6.771	83	28774	14.21	ug/l	98
40) Benzene	5.784	78	81274	15.36	ug/l	99
52) Toluene	7.976	92	500115	154.63	ug/l	99
67) Ethyl Benzene	9.578	91	428914	64.85	ug/l	100
68) m/p-Xylenes	9.700	106	638503	261.91	ug/l	98
69) o-Xylene	10.108	106	209213	88.66	ug/l	95
73) Isopropylbenzene	10.491	105	41825	5.92	ug/l	99
78) n-propylbenzene	10.912	91	180181	21.69	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	246364	40.23	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	869918	140.66	ug/l	98
85) sec-Butylbenzene	11.652	105	14774m	2.13	ug/l	
86) p-Isopropyltoluene	11.799	119	7755	1.22	ug/l	93
89) n-Butylbenzene	12.211	91	64538	10.78	ug/l #	32
95) Naphthalene	14.095	128	116960	17.25	ug/l	100

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

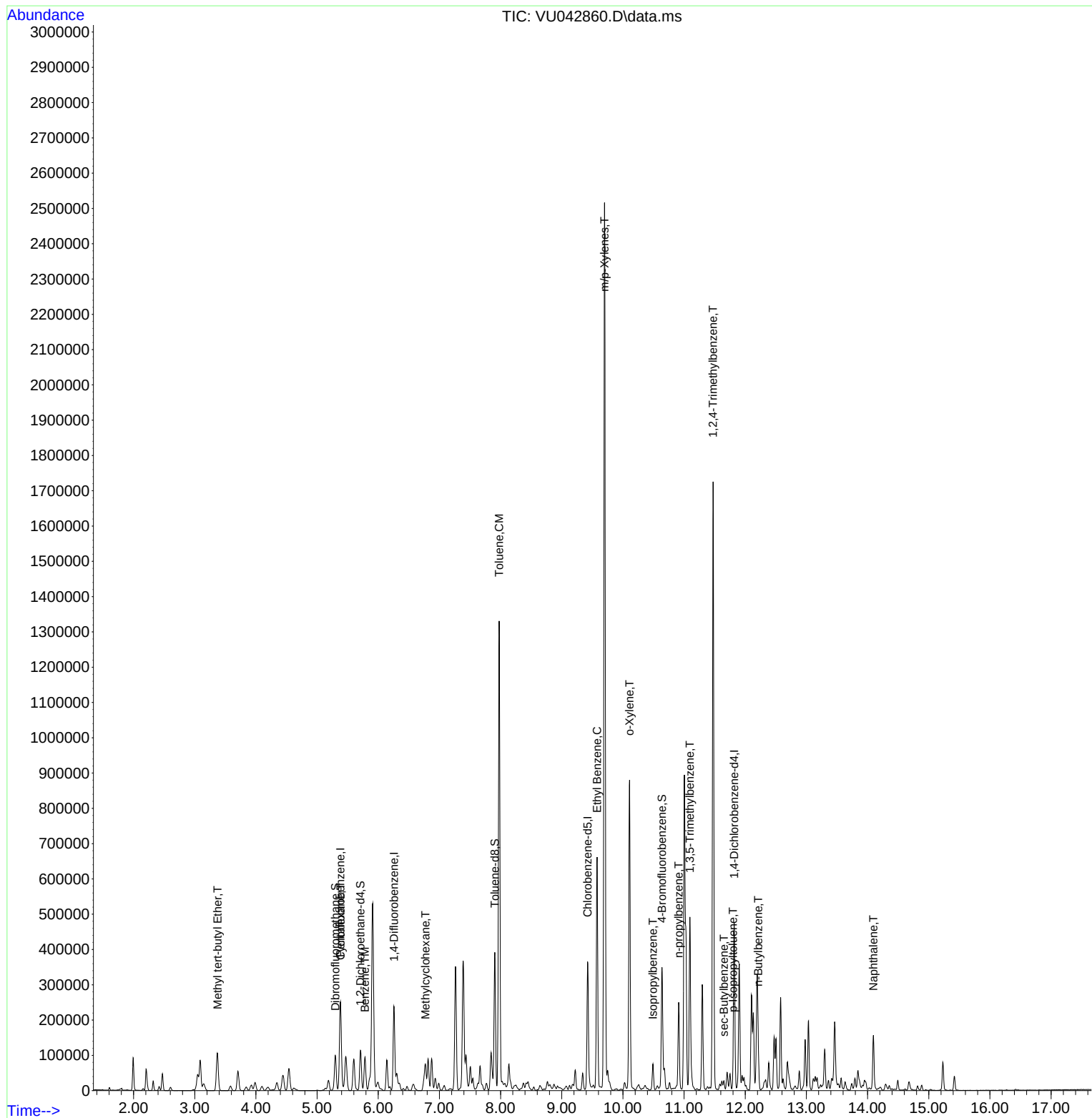
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
Data File : VU042860.D
Acq On : 31 Mar 2021 16:17
Operator : SY/MD
Sample : M1836-04ME 10X
Misc : 12.19g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

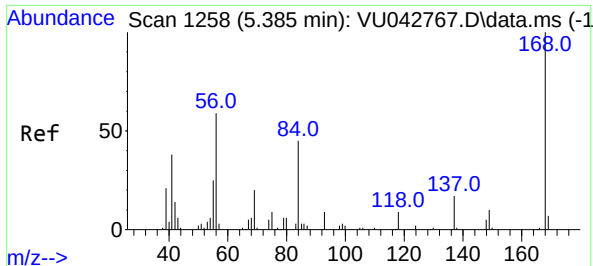
Instrument :
MSVOA_U
ClientSampleId :
B2-10-12ME

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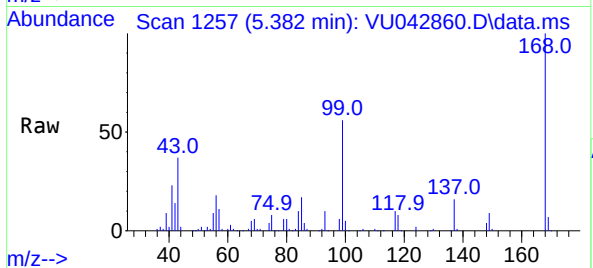
Quant Time: Apr 01 04:43:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17

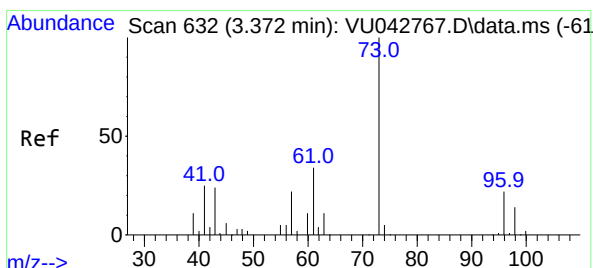
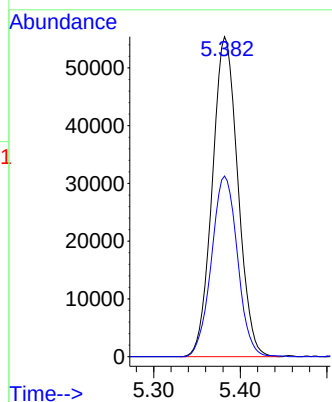
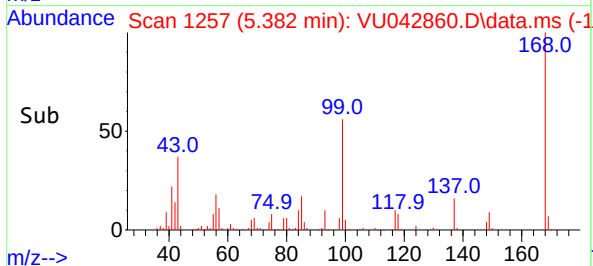
Instrument :
MSVOA_U
ClientSampleId :
B2-10-12ME



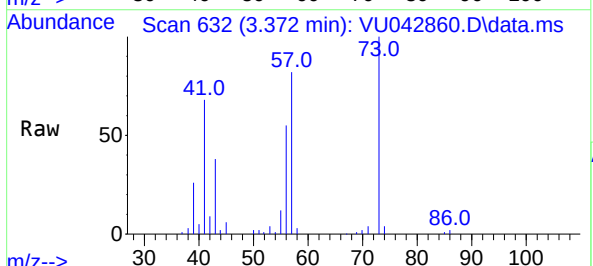
Tgt Ion:168 Resp: 113610
Ion Ratio Lower Upper
168 100
99 56.4 46.4 69.6

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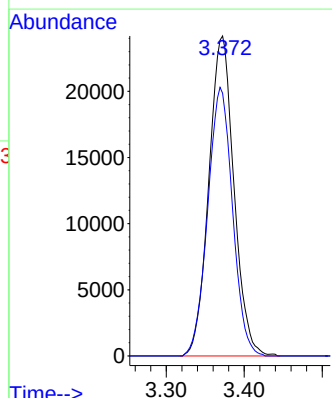
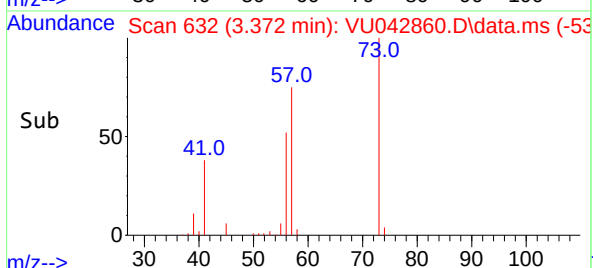
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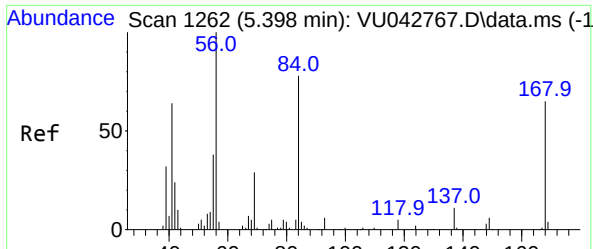


#19
Methyl tert-butyl Ether
Concen: 13.87 ug/l
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17

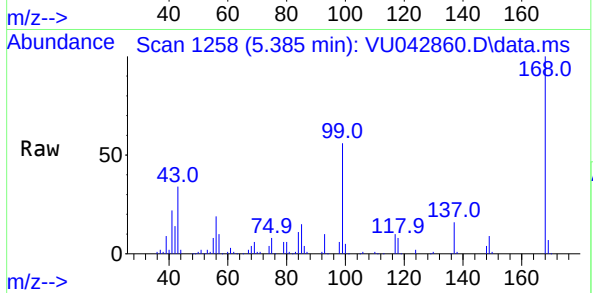


Tgt Ion: 73 Resp: 54219
Ion Ratio Lower Upper
73 100
57 82.1 17.8 26.6#

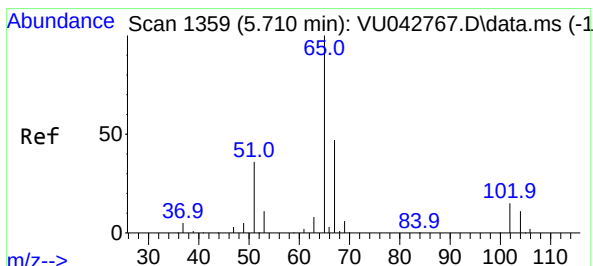
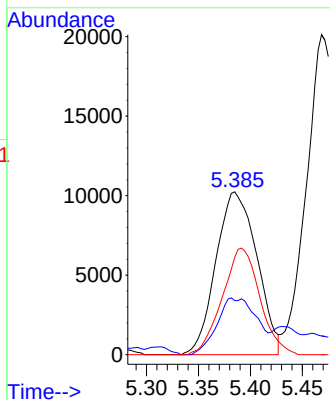
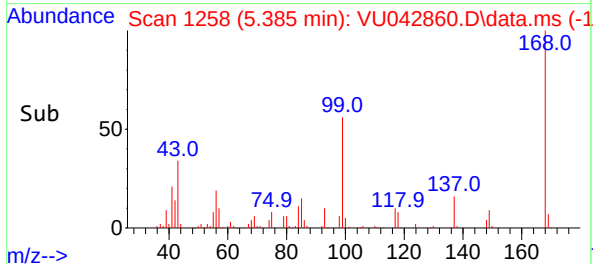




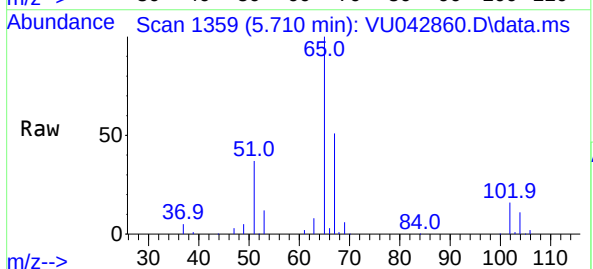
#31
Cyclohexane
Concen: 12.46 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17



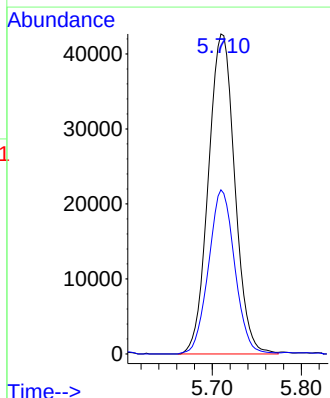
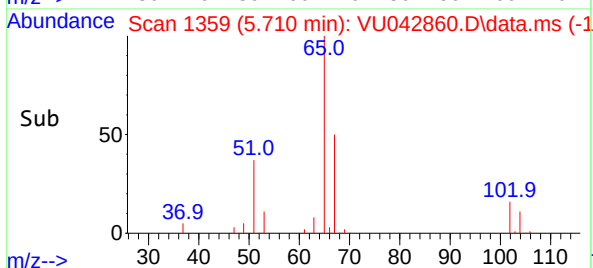
Tgt Ion: 56 Resp: 28084
Ion Ratio Lower Upper
56 100
69 32.2 23.3 34.9
84 59.7 62.2 93.4#



#33
1,2-Dichloroethane-d4
Concen: 48.57 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17



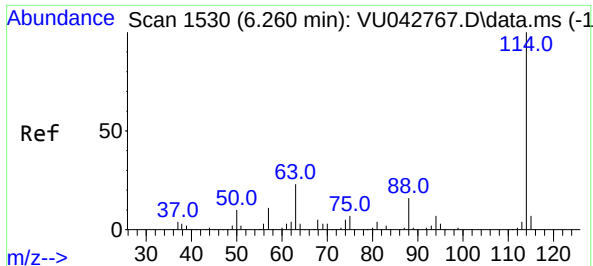
Tgt Ion: 65 Resp: 87963
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.8



Instrument :
MSVOA_U
ClientSampled :
B2-10-12ME

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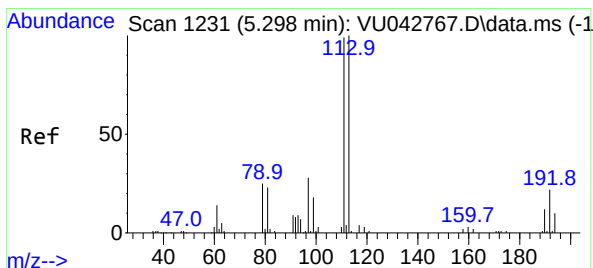
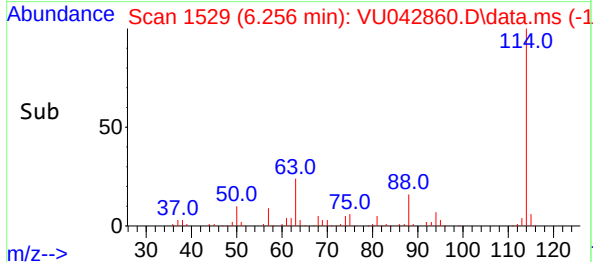
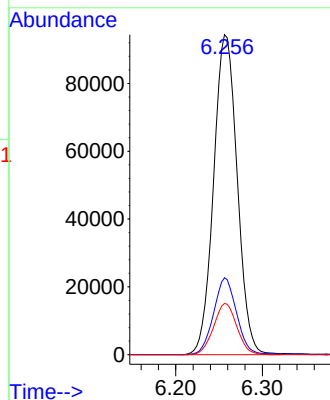
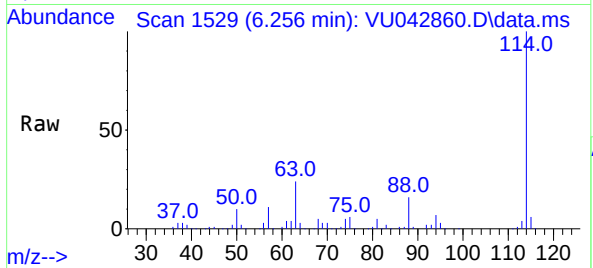
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17

Tgt Ion:114 Resp: 178789
Ion Ratio Lower Upper
114 100
63 24.1 0.0 46.8
88 16.0 0.0 32.2

Instrument :
MSVOA_U
ClientSampleId :
B2-10-12ME

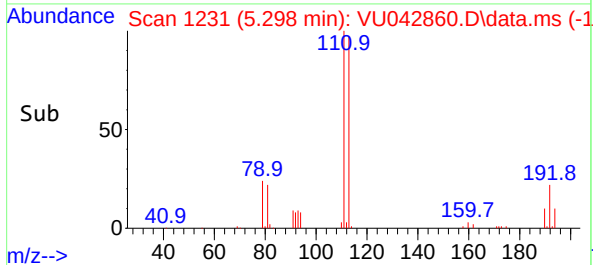
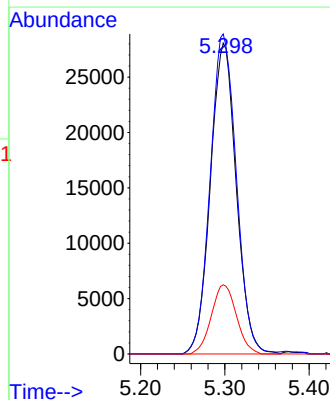
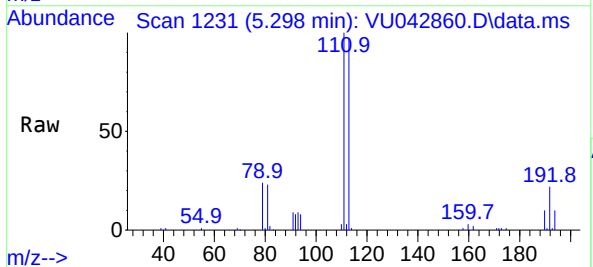
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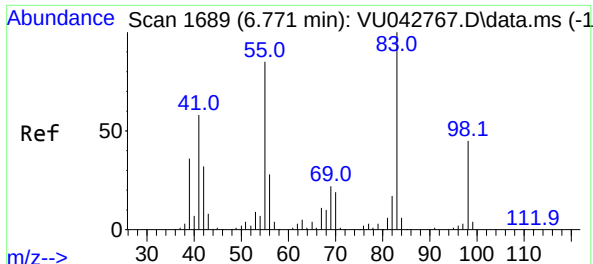
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#35
Dibromofluoromethane
Concen: 44.80 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17

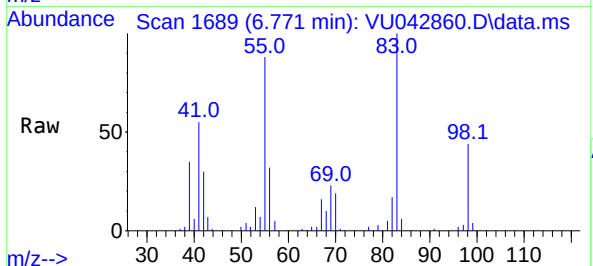
Tgt Ion:113 Resp: 59778
Ion Ratio Lower Upper
113 100
111 104.1 82.1 123.1
192 21.6 17.6 26.4





#39
Methylcyclohexane
Concen: 14.21 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17

Instrument :
MSVOA_U
ClientSampleId :
B2-10-12ME

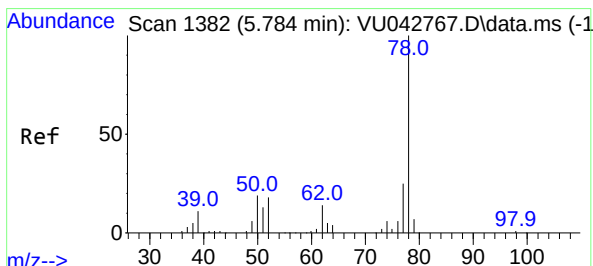
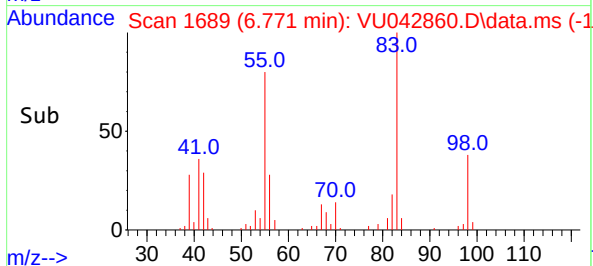
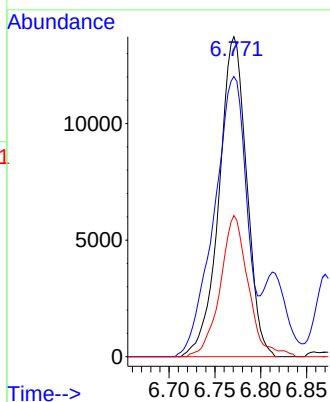


Tgt Ion: 83 Resp: 28774

Ion	Ratio	Lower	Upper
83	100		
55	86.7	68.2	102.4
98	44.1	36.3	54.5

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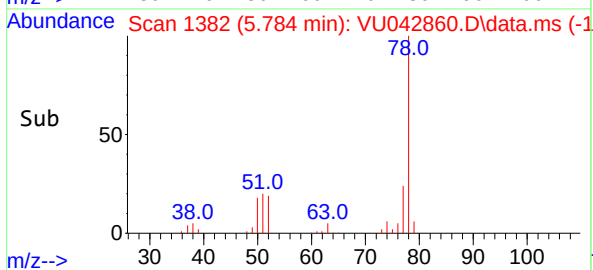
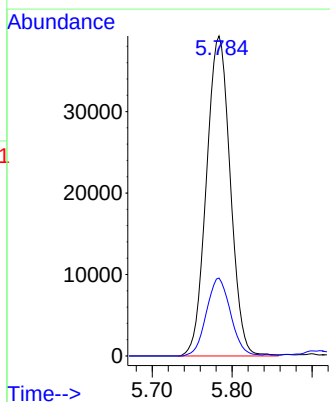
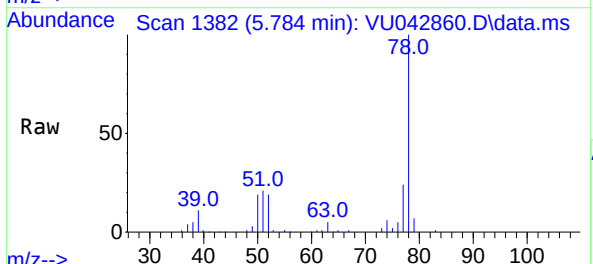
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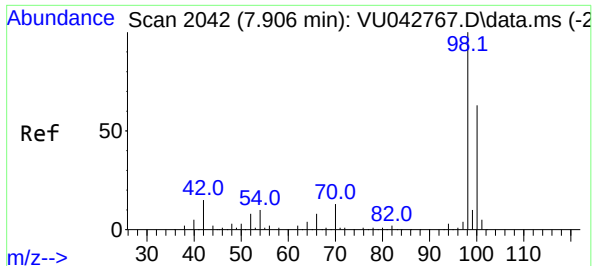


#40
Benzene
Concen: 15.36 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17

Tgt Ion: 78 Resp: 81274

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.9	29.9





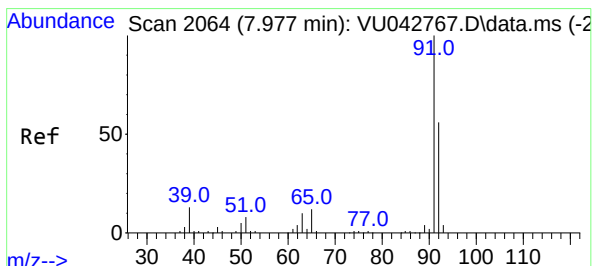
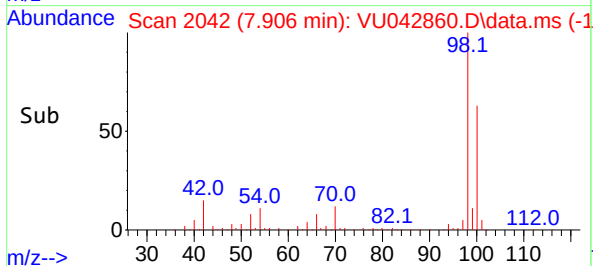
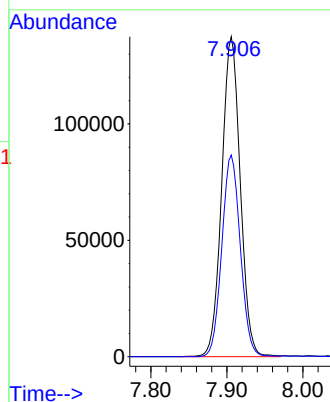
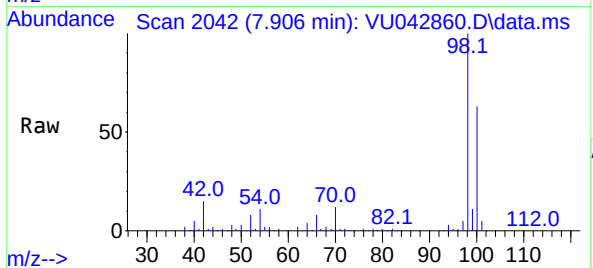
#50
Toluene-d8
Concen: 49.54 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17

Tgt Ion: 98 Resp: 232540
Ion Ratio Lower Upper
98 100
100 62.9 50.4 75.6

Instrument :
MSVOA_U
ClientSampleId :
B2-10-12ME

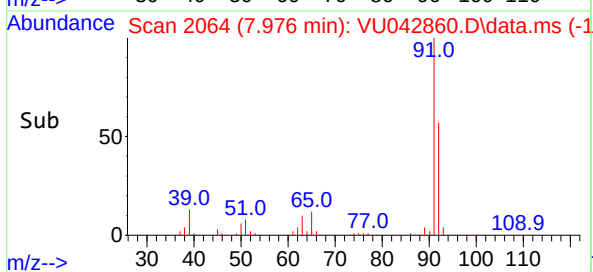
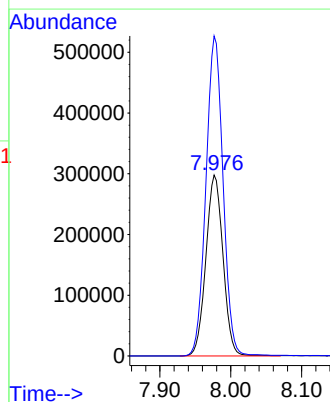
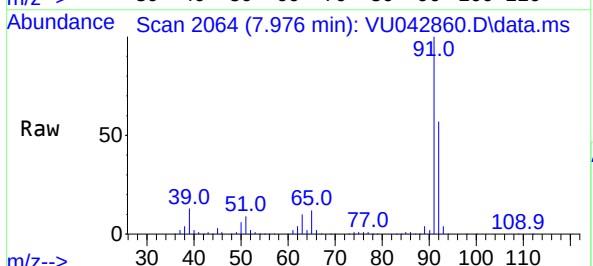
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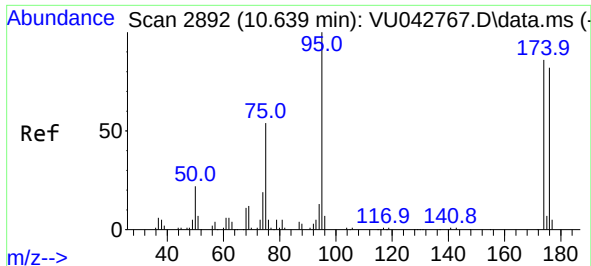
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#52
Toluene
Concen: 154.63 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17

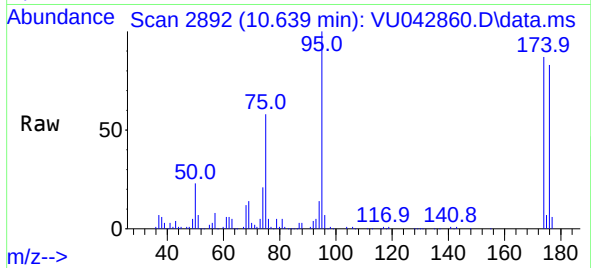
Tgt Ion: 92 Resp: 500115
Ion Ratio Lower Upper
92 100
91 176.6 140.6 210.8





#62
4-Bromofluorobenzene
Concen: 54.70 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17

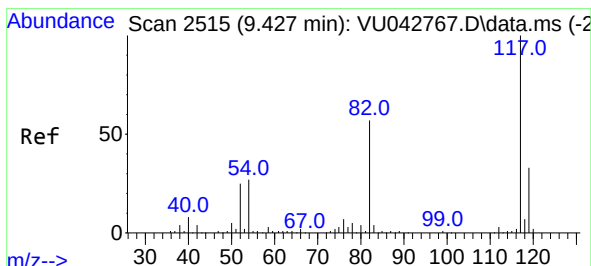
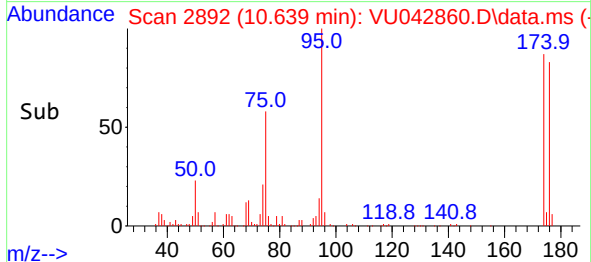
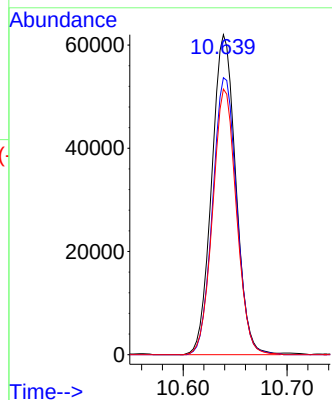
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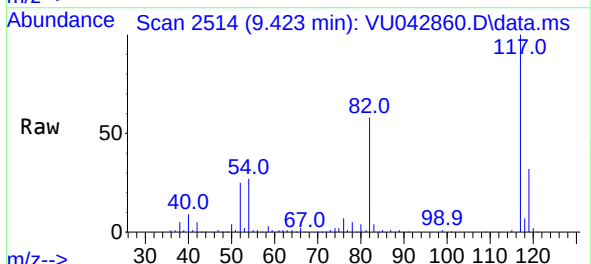
Tgt Ion: 95 Resp: 99781
Ion Ratio Lower Upper
95 100
174 86.3 0.0 175.2
176 81.9 0.0 167.4

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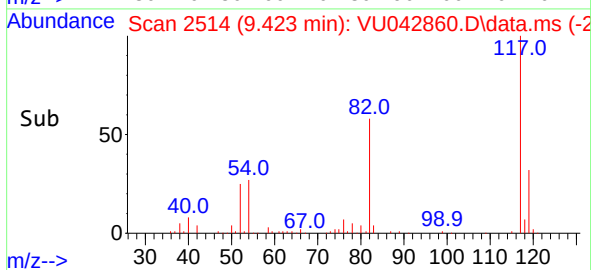
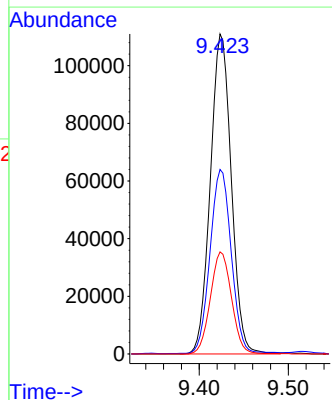
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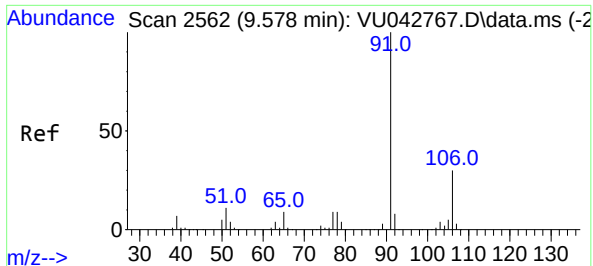


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17



Tgt Ion: 117 Resp: 181380
Ion Ratio Lower Upper
117 100
82 57.5 45.5 68.3
119 31.9 26.2 39.4





#67

Ethyl Benzene

Concen: 64.85 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU042860.D

Acq: 31 Mar 2021 16:17

Tgt Ion: 91 Resp: 428914

Ion Ratio Lower Upper

91 100

106 30.2 24.1 36.1

Instrument :

MSVOA_U

ClientSampleId :

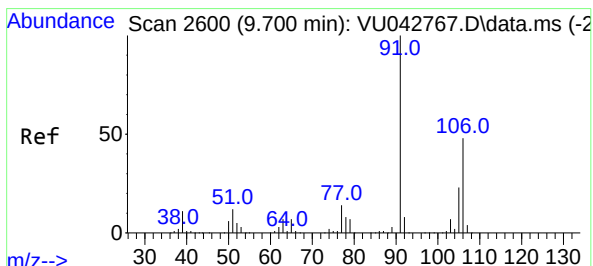
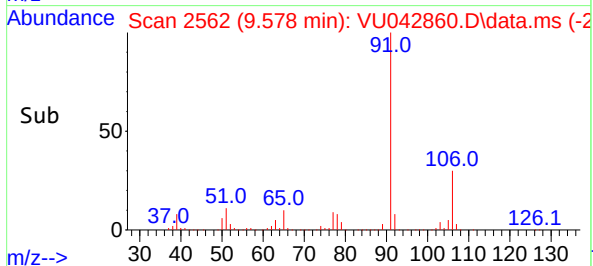
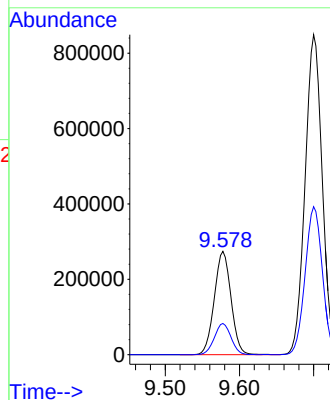
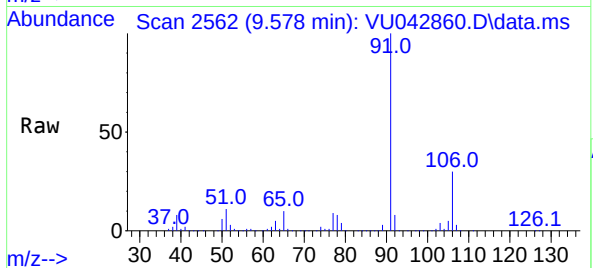
B2-10-12ME

Manual Integrations

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#68

m/p-Xylenes

Concen: 261.91 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU042860.D

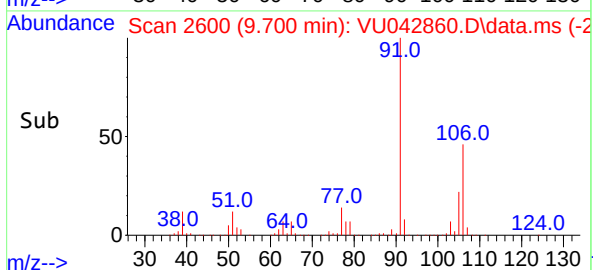
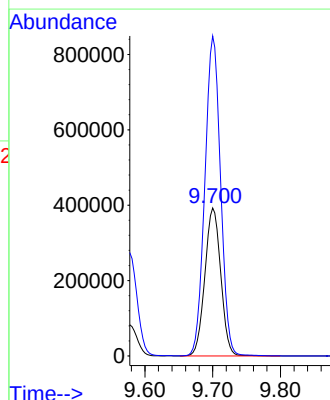
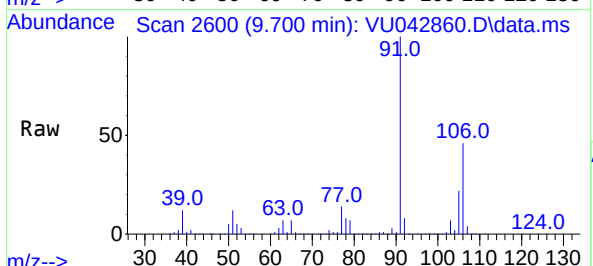
Acq: 31 Mar 2021 16:17

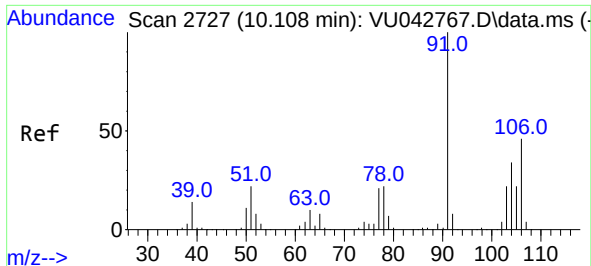
Tgt Ion:106 Resp: 638503

Ion Ratio Lower Upper

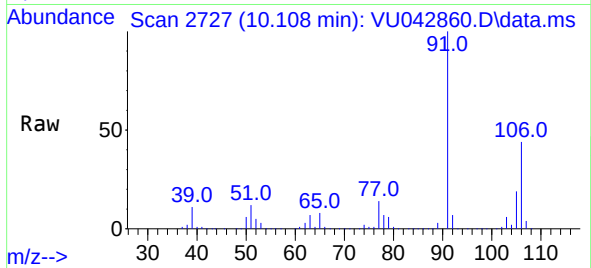
106 100

91 213.6 168.3 252.5

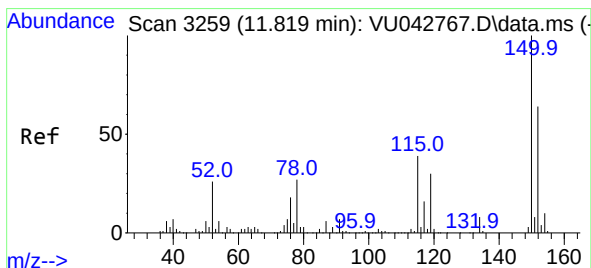
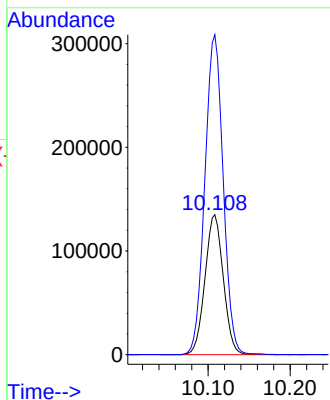
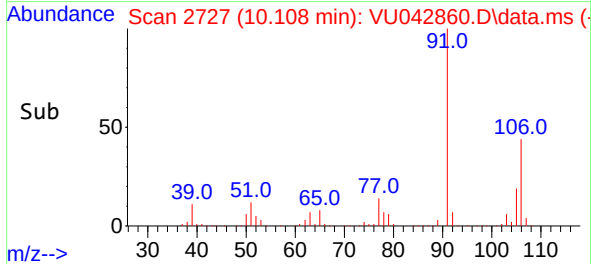




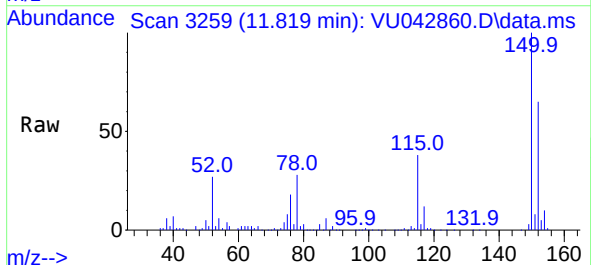
#69
o-Xylene
Concen: 88.66 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042860.D
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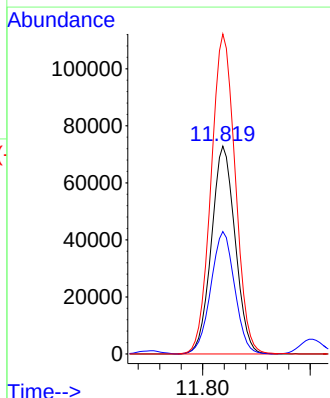
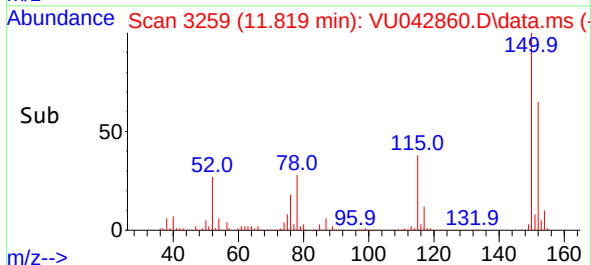
Tgt Ion:106 Resp: 209213
Ion Ratio Lower Upper
106 100
91 228.6 109.9 329.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17



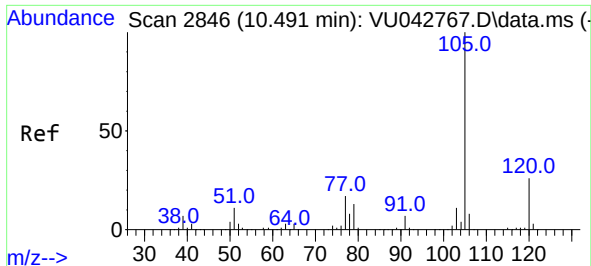
Tgt Ion:152 Resp: 111527
Ion Ratio Lower Upper
152 100
115 59.4 41.0 123.0
150 156.9 0.0 341.0



Instrument :
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ClientSampleId :
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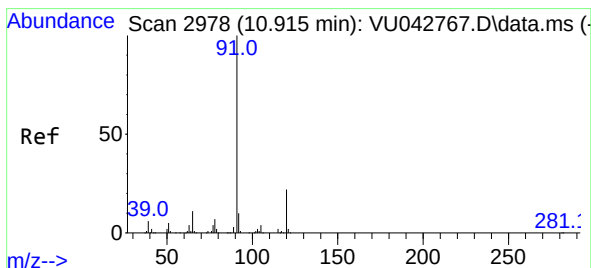
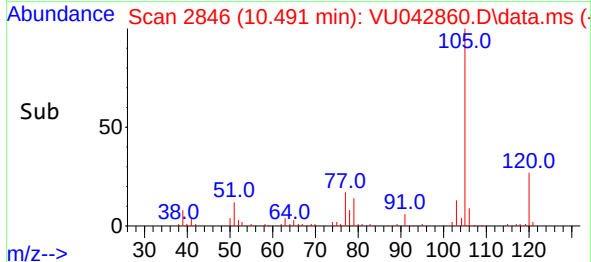
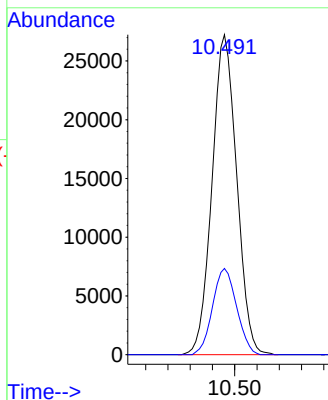
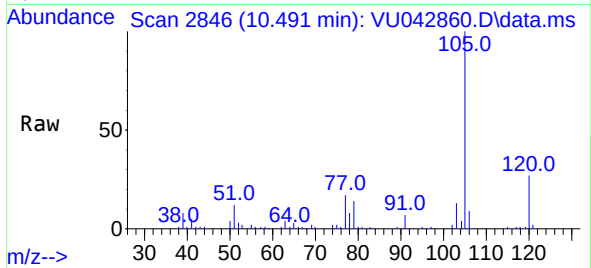
#73
Isopropylbenzene
Concen: 5.92 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042860.D
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Tgt Ion: 105 Resp: 41825
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

Instrument :
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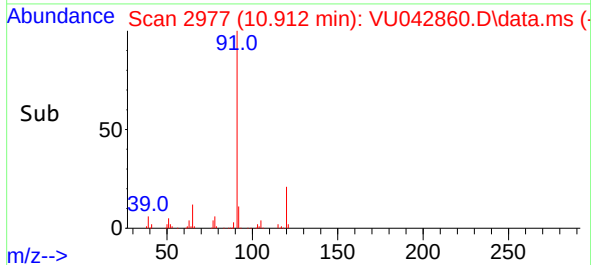
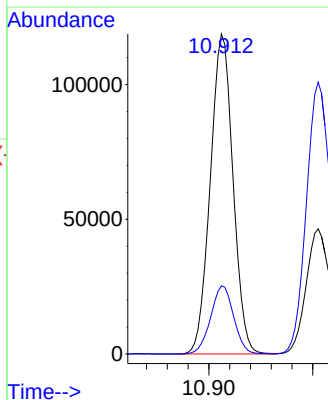
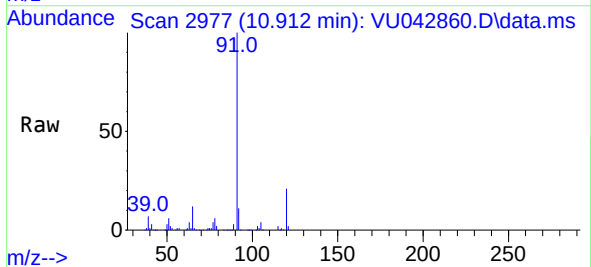
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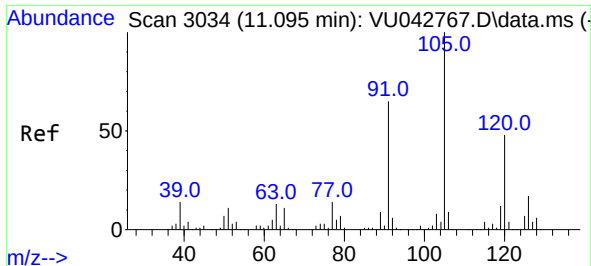
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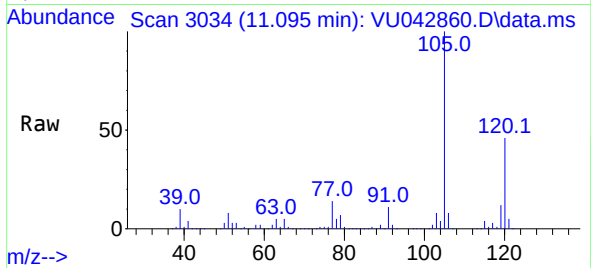
#78
n-propylbenzene
Concen: 21.69 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17

Tgt Ion: 91 Resp: 180181
Ion Ratio Lower Upper
91 100
120 21.5 11.1 33.1

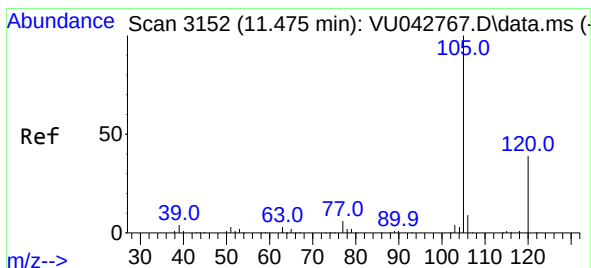
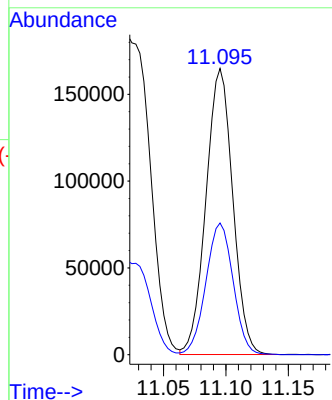
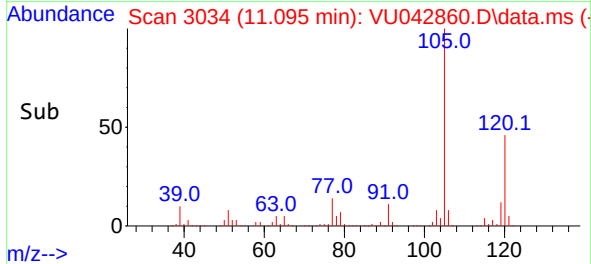




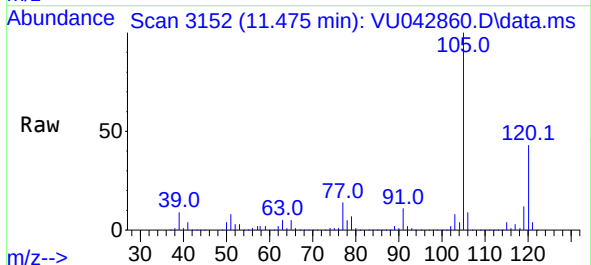
#80
1,3,5-Trimethylbenzene
Concen: 40.23 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17



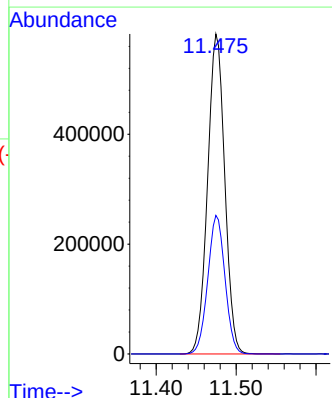
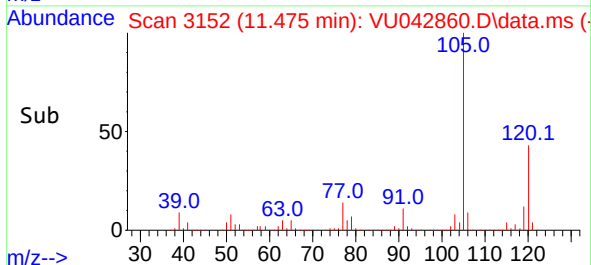
Tgt Ion:105 Resp: 246364
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.2



#84
1,2,4-Trimethylbenzene
Concen: 140.66 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17



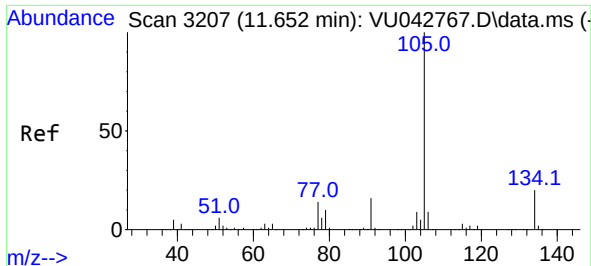
Tgt Ion:105 Resp: 869918
Ion Ratio Lower Upper
105 100
120 43.4 22.3 66.8



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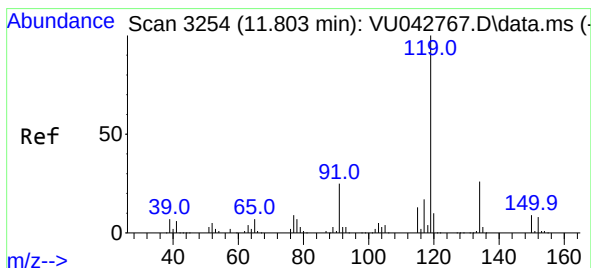
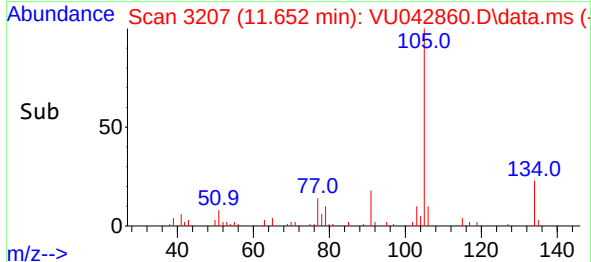
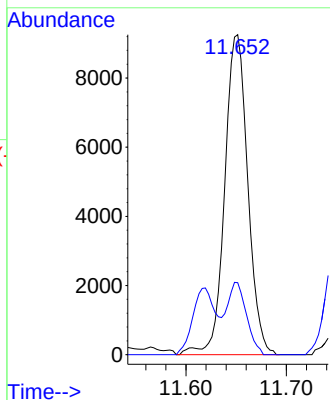
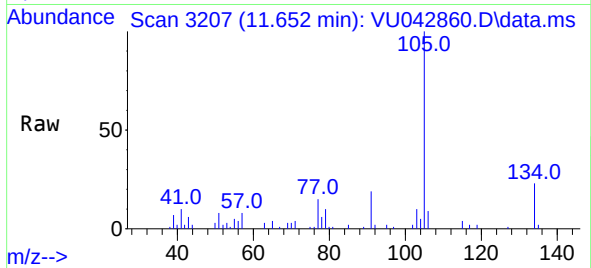
#85
 sec-Butylbenzene
 Concen: 2.13 ug/l m
 RT: 11.652 min Scan# 3207
 Delta R.T. -0.000 min
 Lab File: VU042860.D
 Acq: 31 Mar 2021 16:17

Instrument :
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Tgt Ion:105 Resp: 14774
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.5#

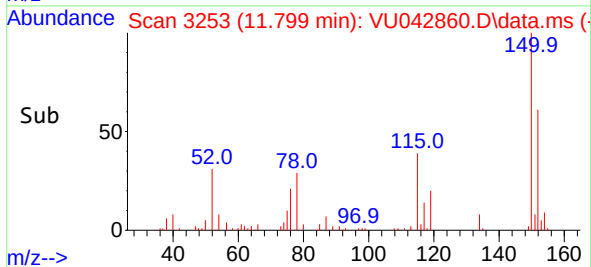
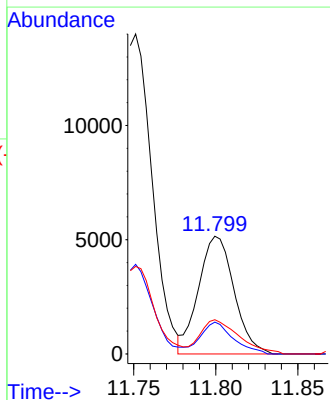
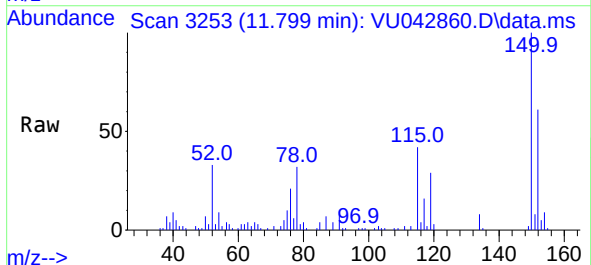
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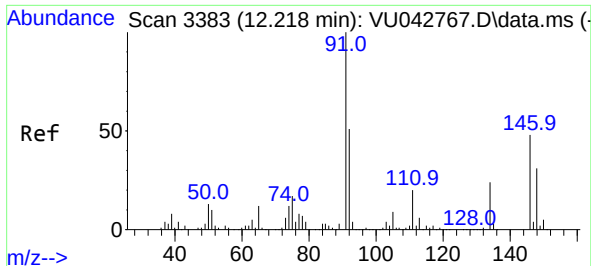
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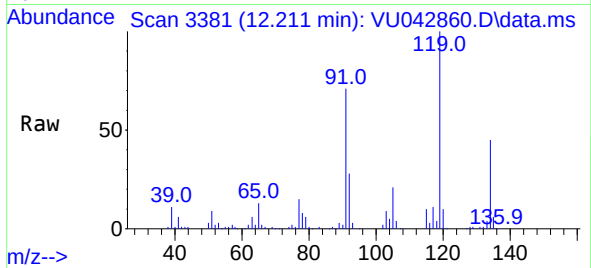
#86
 p-Isopropyltoluene
 Concen: 1.22 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. -0.003 min
 Lab File: VU042860.D
 Acq: 31 Mar 2021 16:17

Tgt Ion:119 Resp: 7755
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.3
 91 32.1 12.6 37.8

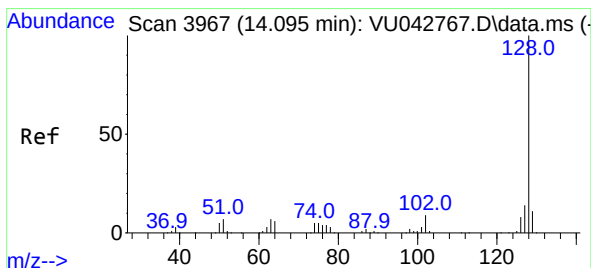
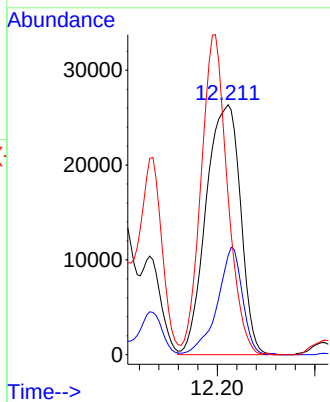
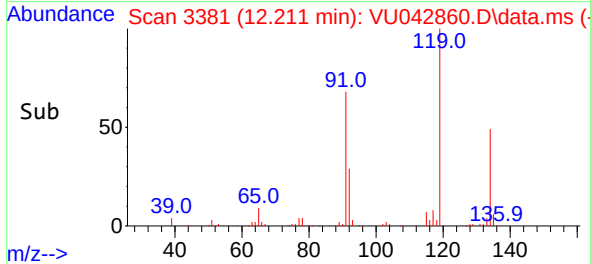




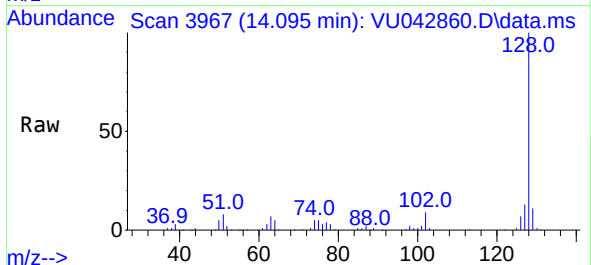
#89
n-Butylbenzene
Concen: 10.78 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.007 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17



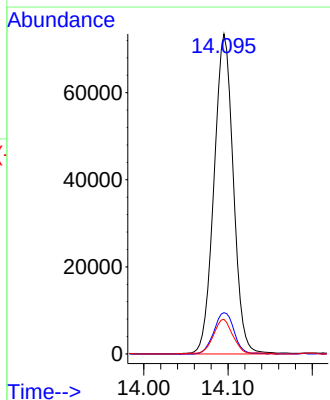
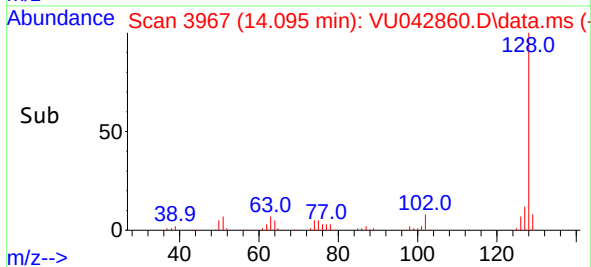
Tgt Ion: 91 Resp: 64538
Ion Ratio Lower Upper
91 100
92 31.2 25.7 77.1
134 98.4 12.1 36.3#



#95
Naphthalene
Concen: 17.25 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042860.D
Acq: 31 Mar 2021 16:17



Tgt Ion:128 Resp: 116960
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 11.0 8.7 13.1



Instrument :
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