

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043178.D
 Acq On : 16 Apr 2021 18:56
 Operator : SY/MD
 Sample : M1982-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 109-GW-1

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 9:41:01 AM

Quant Time: Apr 17 02:35:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	114809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	188316	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	181055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	96096	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	5.298	113	65871	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	7.906	98	248606	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	10.639	95	90650	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
Target Compounds					Qvalue	
16) Acetone	2.639	43	11237	9.60	ug/l	100
25) 2-Butanone	4.723	43	3175m	1.81	ug/l	
31) Cyclohexane	5.391	56	21758	9.14	ug/l #	92
39) Methylcyclohexane	6.771	83	63230	28.79	ug/l	94
40) Benzene	5.784	78	2930	0.51	ug/l	93
52) Toluene	7.973	92	1922	0.54	ug/l	86
67) Ethyl Benzene	9.578	91	9197	1.31	ug/l	96
73) Isopropylbenzene	10.491	105	88038	14.21	ug/l	98
78) n-propylbenzene	10.912	91	109763	14.79	ug/l	99
83) tert-Butylbenzene	11.427	119	8053	1.50	ug/l	90
85) sec-Butylbenzene	11.648	105	41421	6.57	ug/l	98
89) n-Butylbenzene	12.214	91	34613	6.37	ug/l #	78
95) Naphthalene	14.092	128	525930	77.17	ug/l	98

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

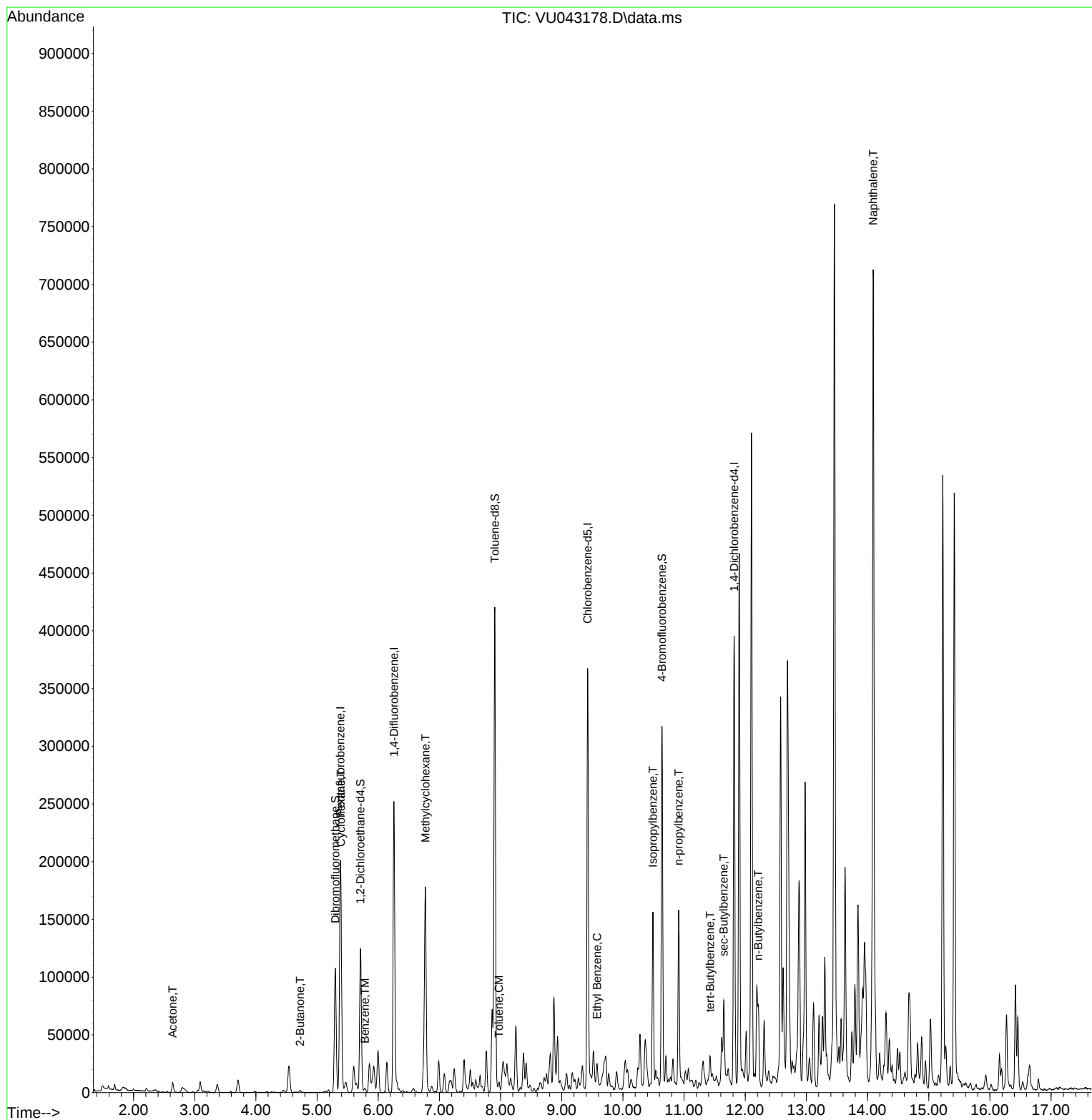
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Data File : VU043178.D
Acq On : 16 Apr 2021 18:56
Operator : SY/MD
Sample : M1982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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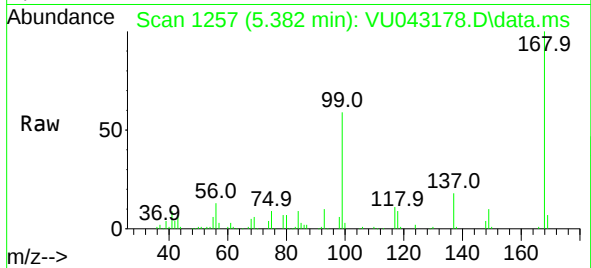
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Quant Time: Apr 17 02:35:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

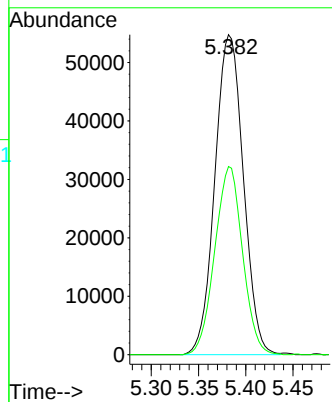
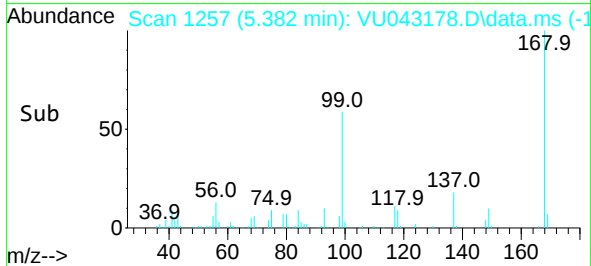




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56



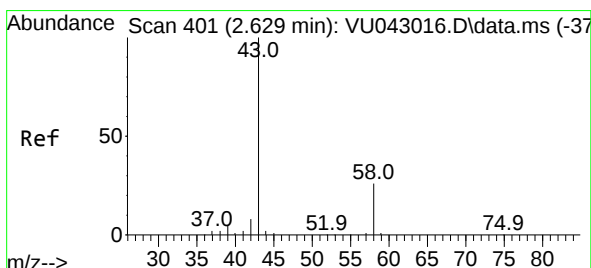
Tgt Ion: 168 Resp: 114809
Ion Ratio Lower Upper
168 100
99 58.8 45.0 67.4



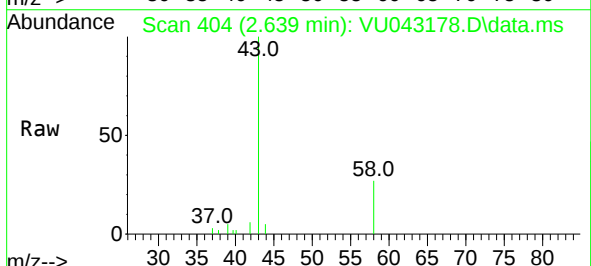
Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

Manual Integrations
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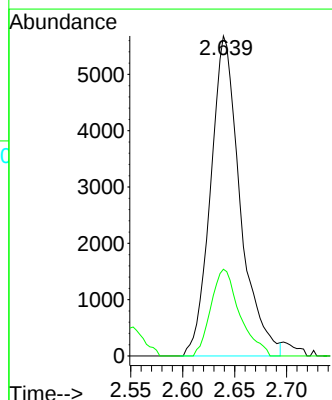
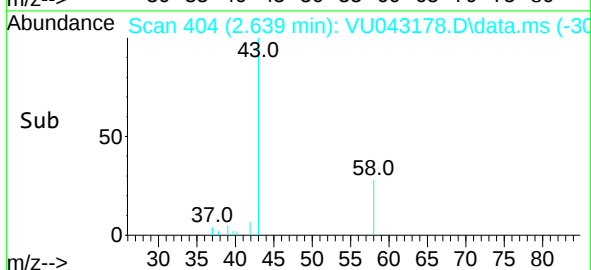
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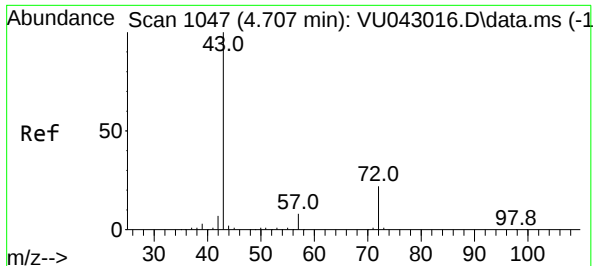


#16
Acetone
Concen: 9.60 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56



Tgt Ion: 43 Resp: 11237
Ion Ratio Lower Upper
43 100
58 27.1 21.5 32.3





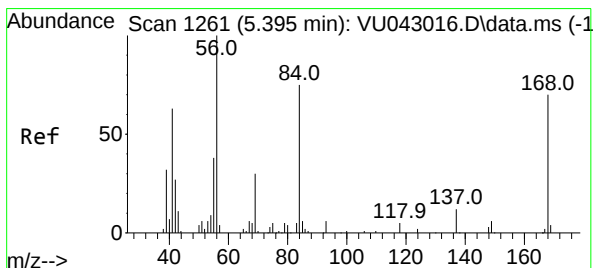
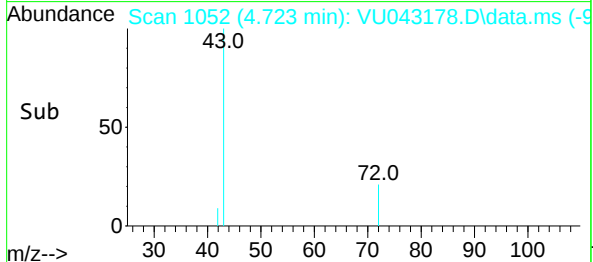
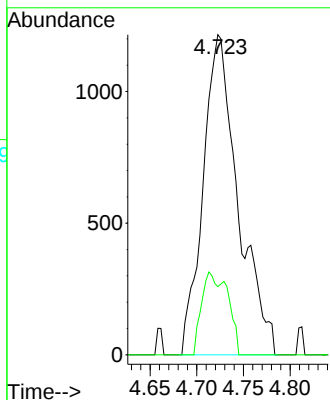
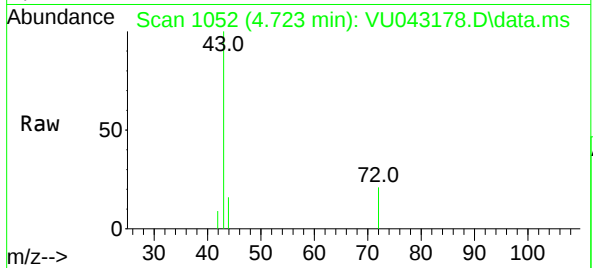
#25
2-Butanone
Concen: 1.81 ug/l m
RT: 4.723 min Scan# 1052
Delta R.T. 0.016 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56

Tgt Ion: 43 Resp: 3175
Ion Ratio Lower Upper
43 100
72 21.3 17.4 26.0

Instrument :
MSVOA_U
ClientSampled :
109-GW-1

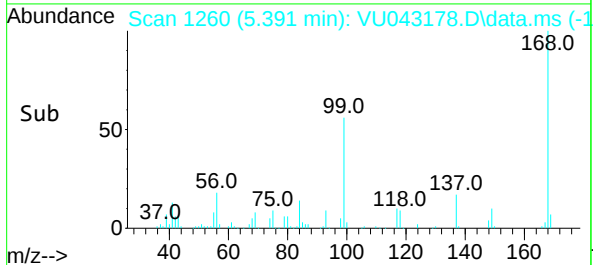
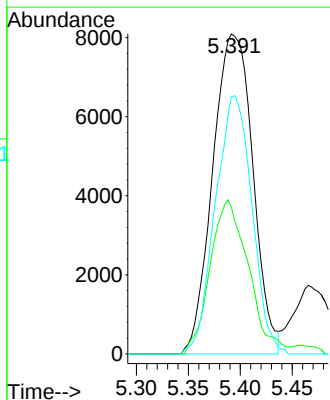
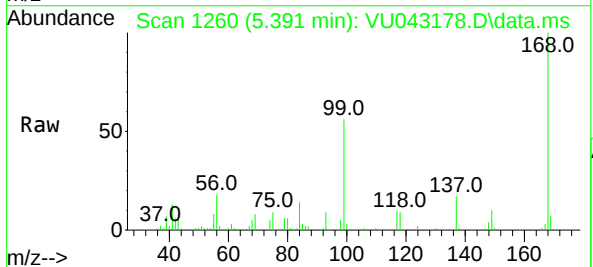
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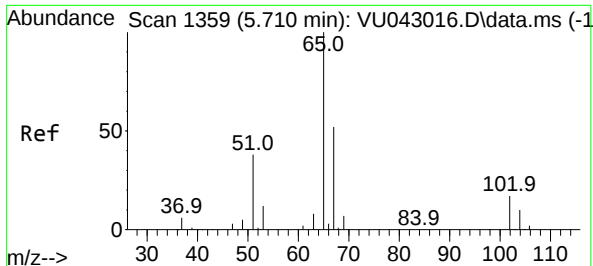
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#31
Cyclohexane
Concen: 9.14 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.004 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56

Tgt Ion: 56 Resp: 21758
Ion Ratio Lower Upper
56 100
69 45.9 24.9 37.3#
84 80.3 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 49.79 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043178.D

Acq: 16 Apr 2021 18:56

Tgt Ion: 65 Resp: 96096

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

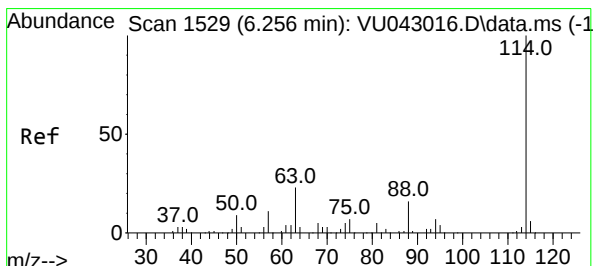
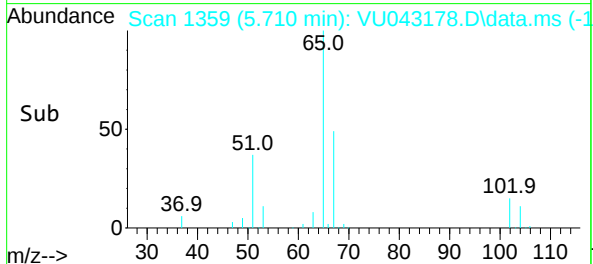
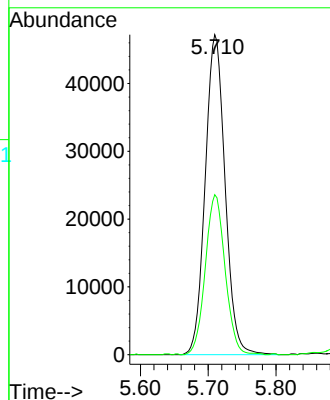
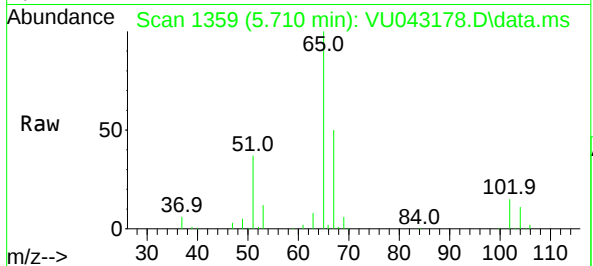
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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043178.D

Acq: 16 Apr 2021 18:56

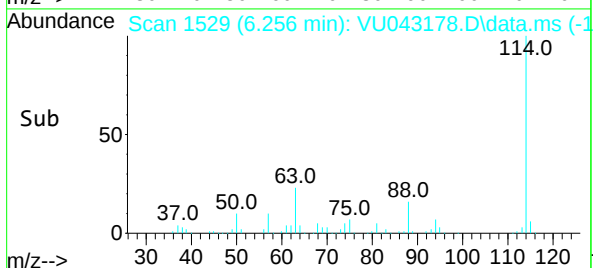
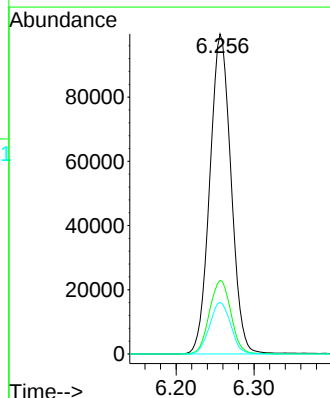
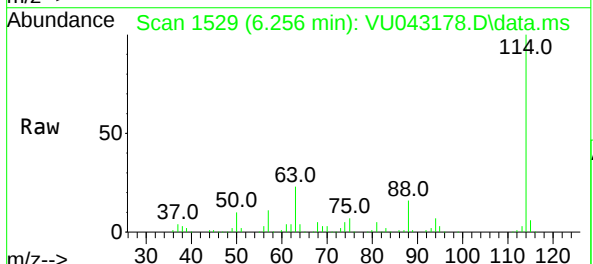
Tgt Ion: 114 Resp: 188316

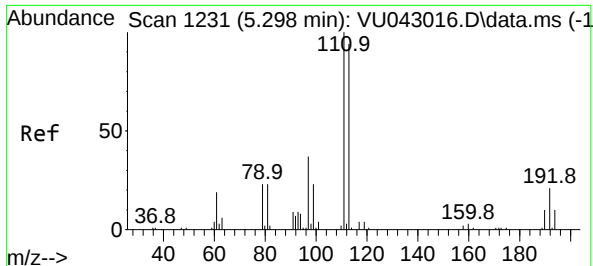
Ion Ratio Lower Upper

114 100

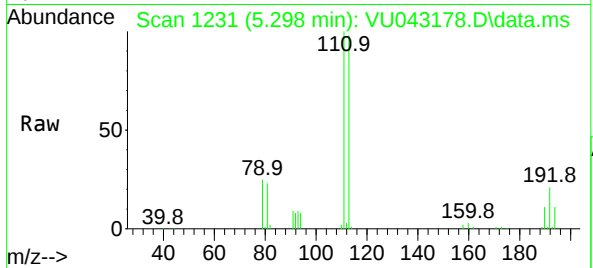
63 23.0 0.0 44.2

88 16.1 0.0 33.4

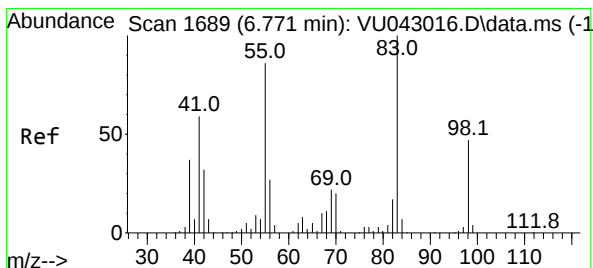
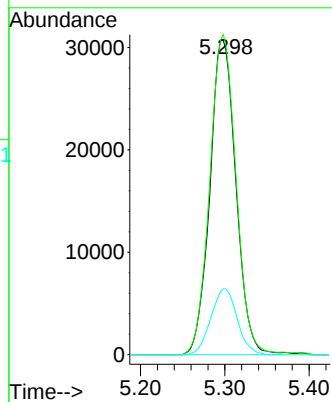
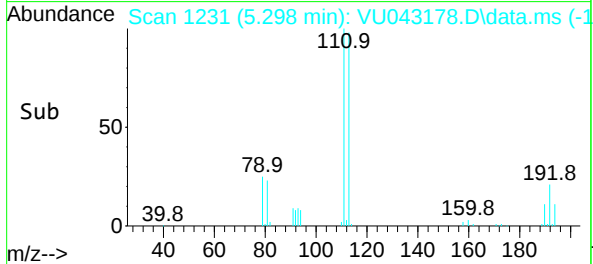




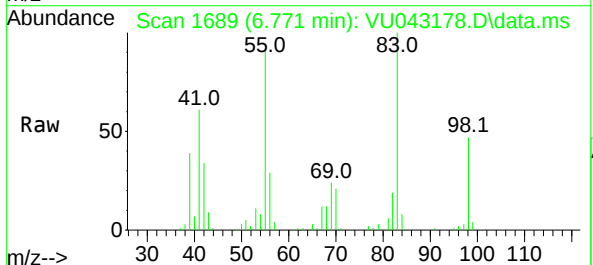
#35
Dibromofluoromethane
Concen: 46.55 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56



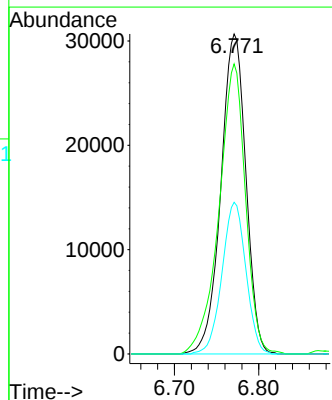
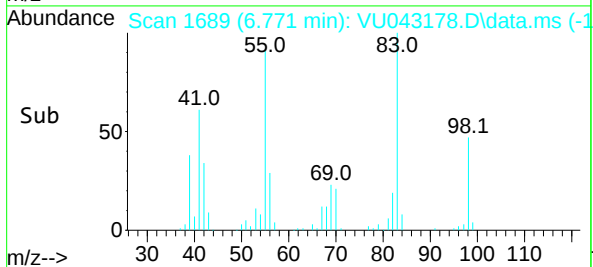
Tgt Ion: 113 Resp: 65871
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 21.2 17.2 25.8



#39
Methylcyclohexane
Concen: 28.79 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56



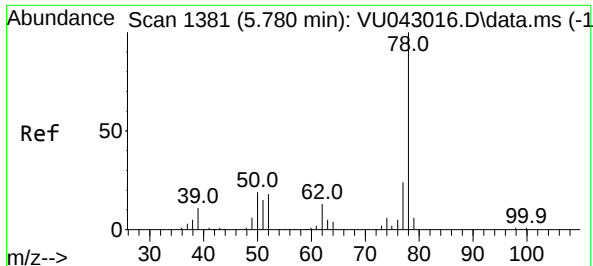
Tgt Ion: 83 Resp: 63230
Ion Ratio Lower Upper
83 100
55 90.6 66.8 100.2
98 47.4 36.9 55.3



Instrument :
MSVOA_U
ClientSampleId :
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#40

Benzene

Concen: 0.51 ug/l

RT: 5.784 min Scan# 1382

Delta R.T. 0.004 min

Lab File: VU043178.D

Acq: 16 Apr 2021 18:56

Tgt Ion: 78 Resp: 2930

Ion Ratio Lower Upper

78 100

77 20.6 19.3 28.9

Instrument :

MSVOA_U

ClientSampleId :

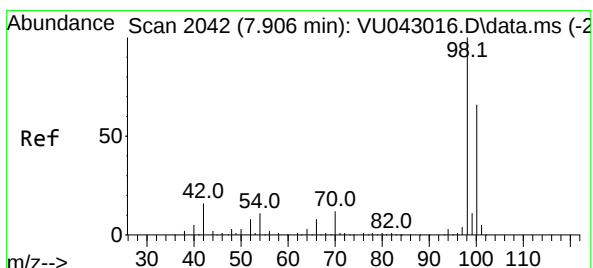
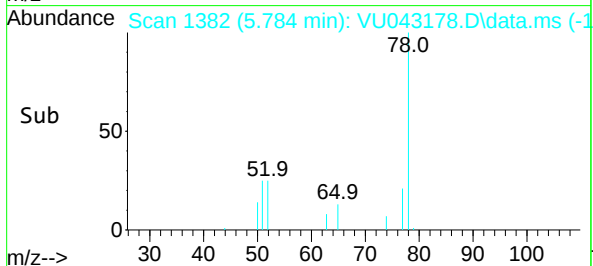
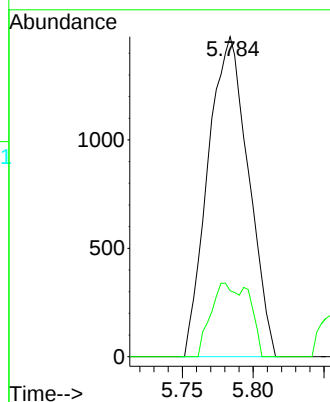
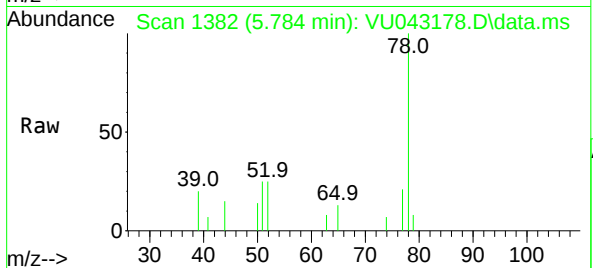
109-GW-1

Manual Integrations

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#50

Toluene-d8

Concen: 49.65 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043178.D

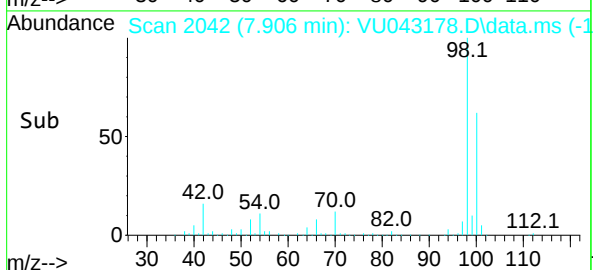
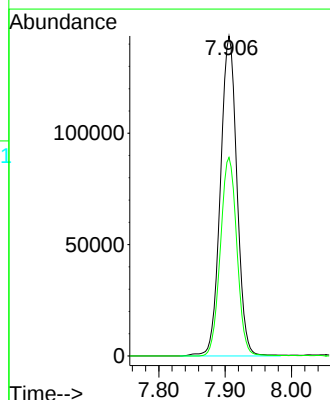
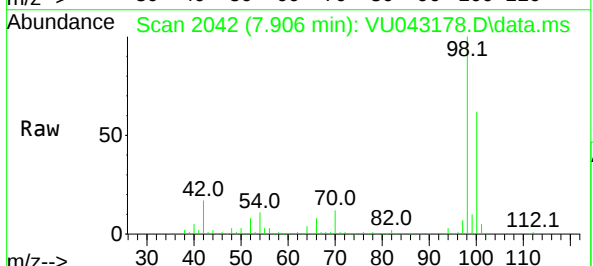
Acq: 16 Apr 2021 18:56

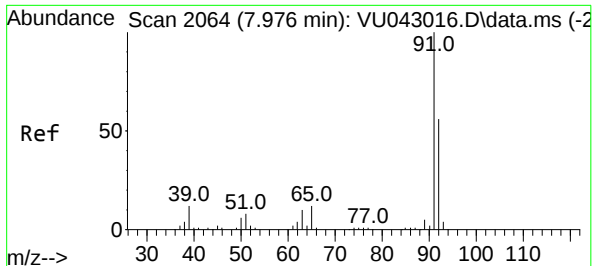
Tgt Ion: 98 Resp: 248606

Ion Ratio Lower Upper

98 100

100 62.0 50.2 75.2





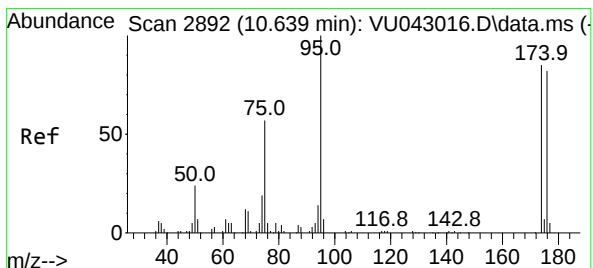
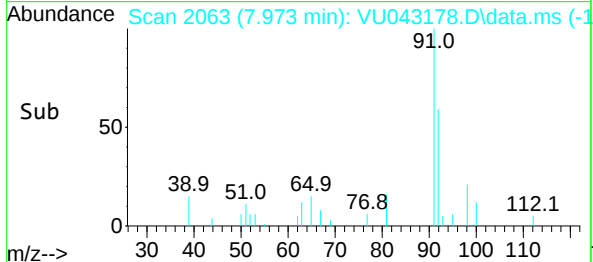
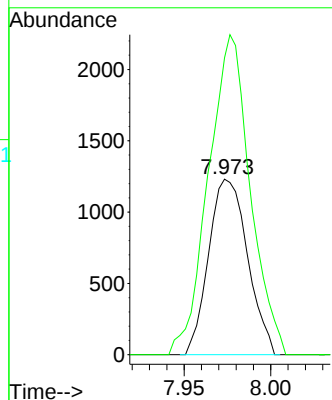
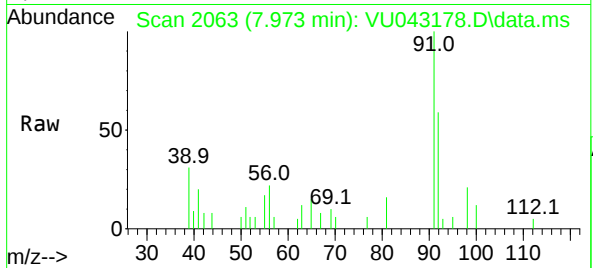
#52
Toluene
Concen: 0.54 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56

Tgt Ion: 92 Resp: 1922
Ion Ratio Lower Upper
92 100
91 195.6 140.3 210.5

Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

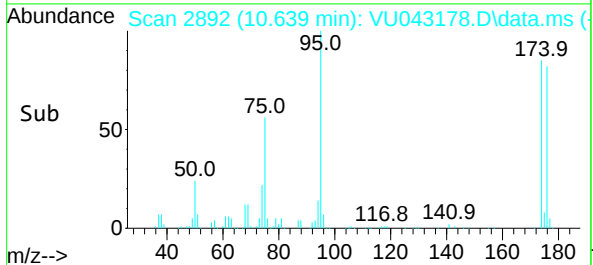
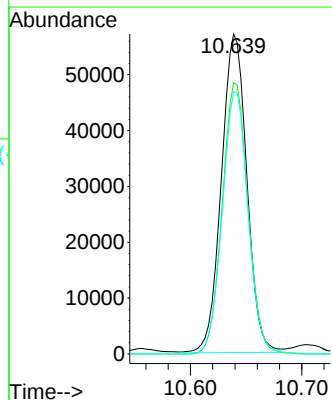
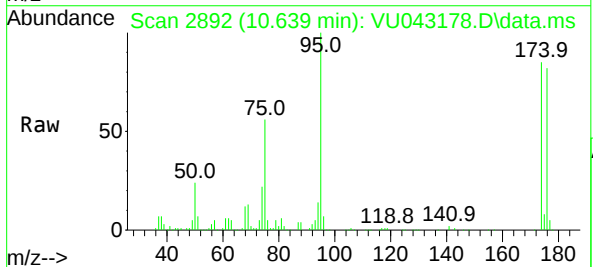
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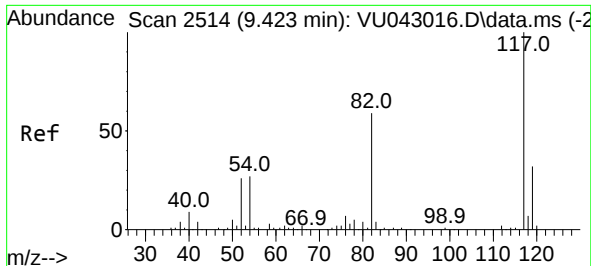
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#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56

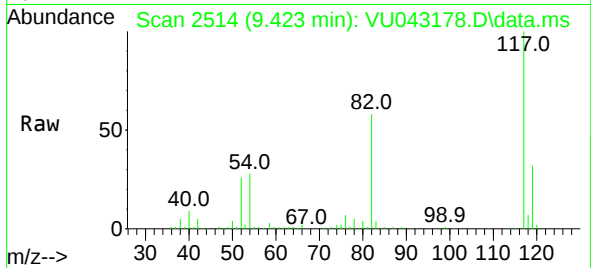
Tgt Ion: 95 Resp: 90650
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.2
176 83.5 0.0 168.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56

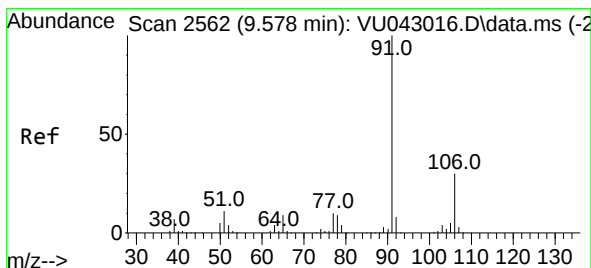
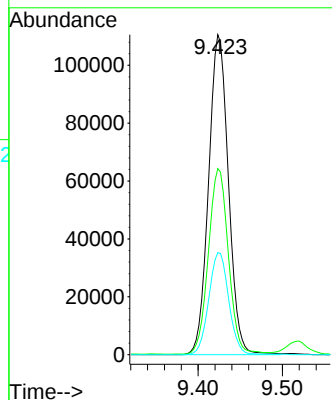
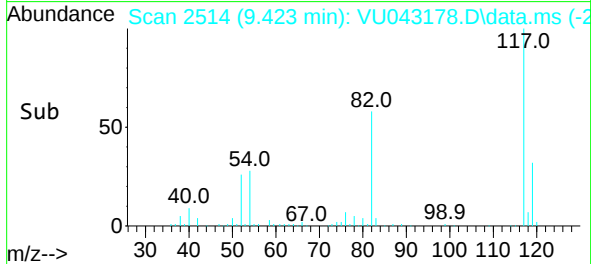
Instrument :
MSVOA_U
ClientSampleId :
109-GW-1



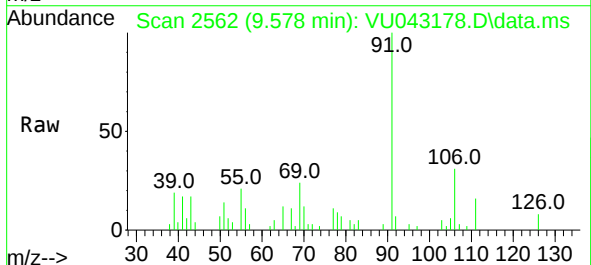
Tgt Ion:117 Resp: 181055
Ion Ratio Lower Upper
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82 57.9 45.8 68.6
119 31.9 25.8 38.8

Manual Integrations
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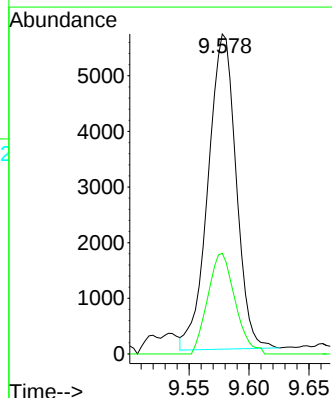
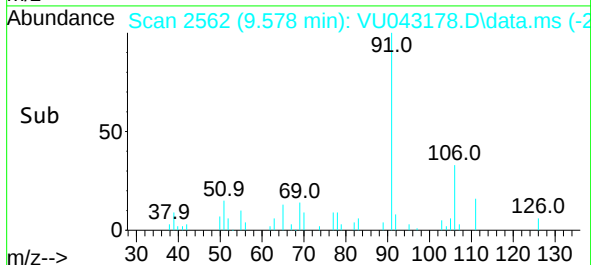
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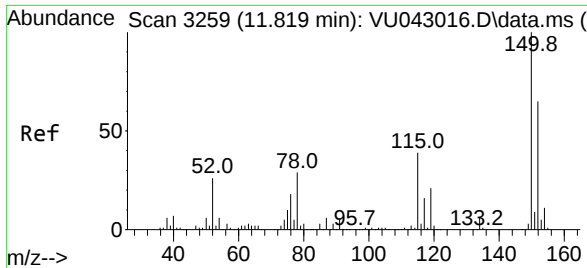


#67
Ethyl Benzene
Concen: 1.31 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56

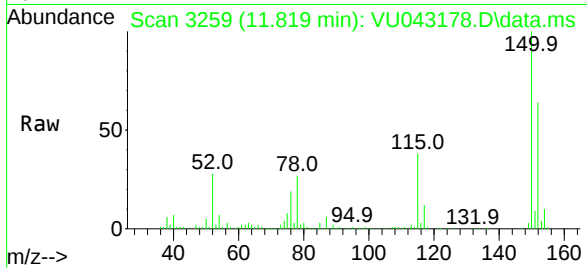


Tgt Ion: 91 Resp: 9197
Ion Ratio Lower Upper
91 100
106 32.1 24.1 36.1

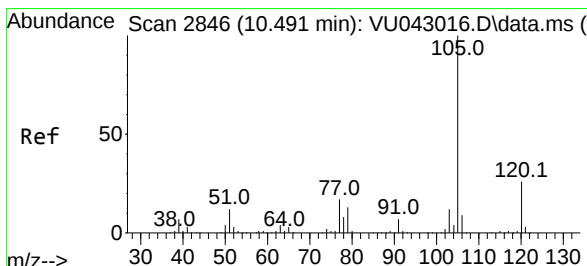
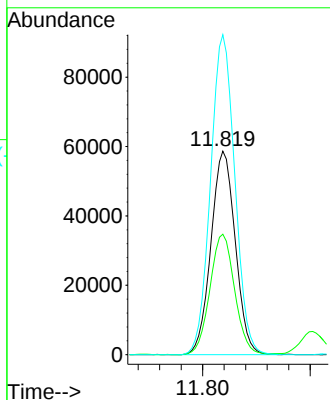
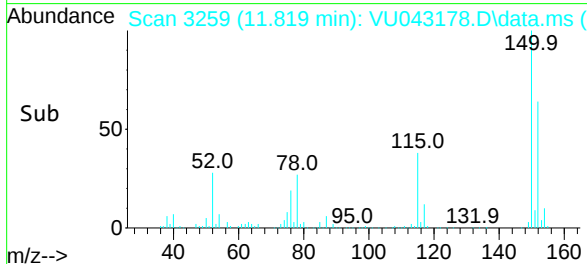




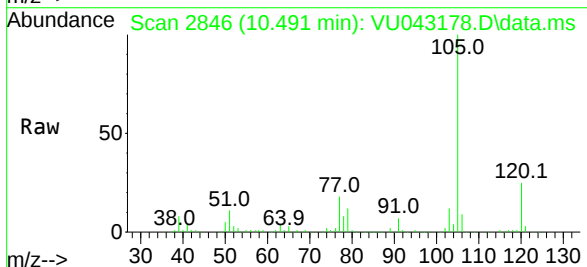
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56



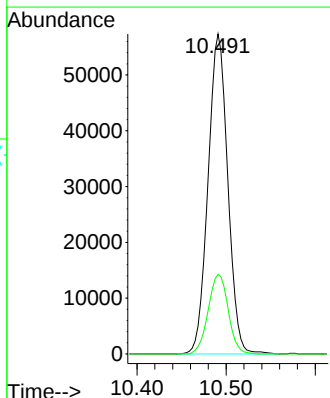
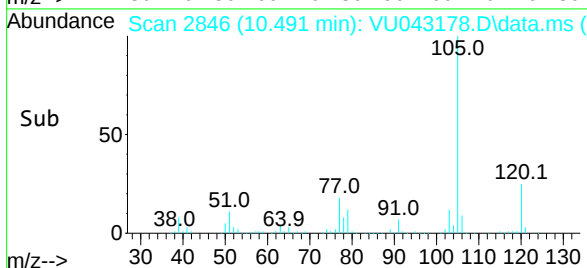
Tgt Ion:152 Resp: 92328
Ion Ratio Lower Upper
152 100
115 60.0 41.5 124.6
150 156.7 0.0 342.4



#73
Isopropylbenzene
Concen: 14.21 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56



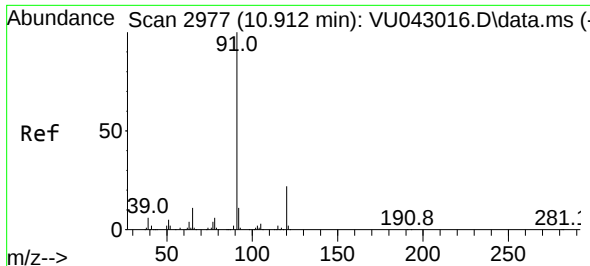
Tgt Ion:105 Resp: 88038
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.3



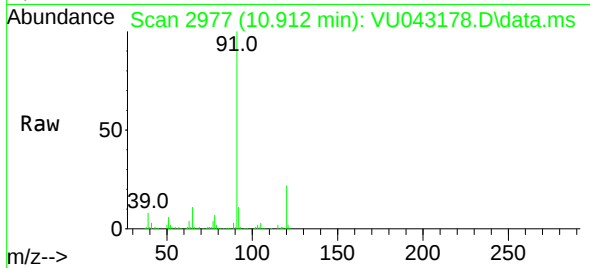
Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

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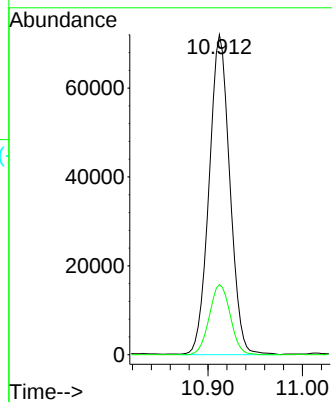
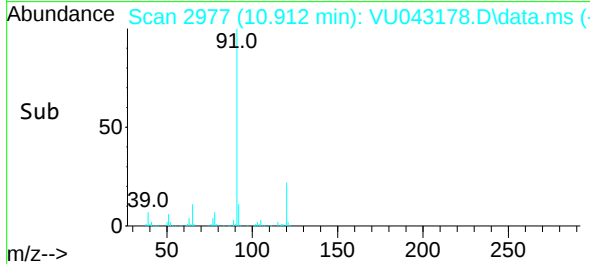
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#78
n-propylbenzene
Concen: 14.79 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56



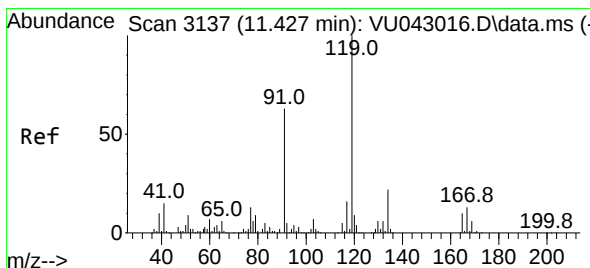
Tgt Ion: 91 Resp: 109763
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.6



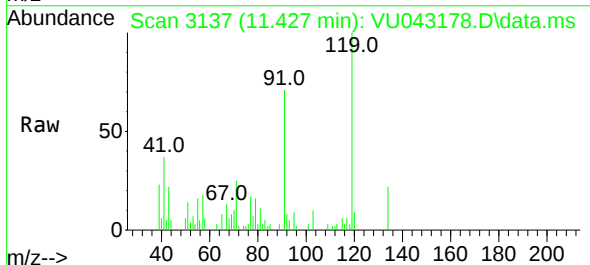
Instrument :
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ClientSampleId :
109-GW-1

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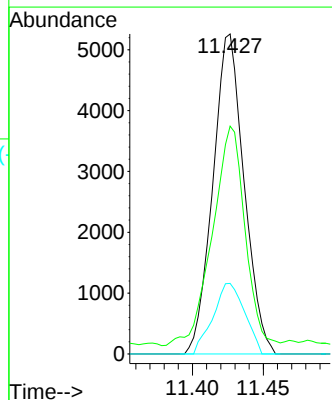
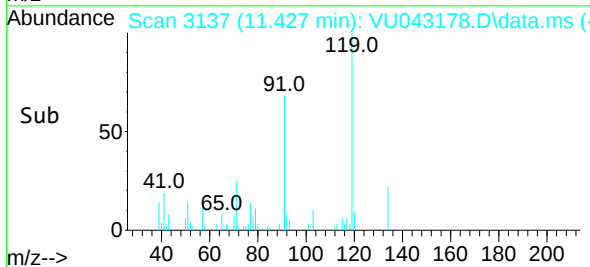
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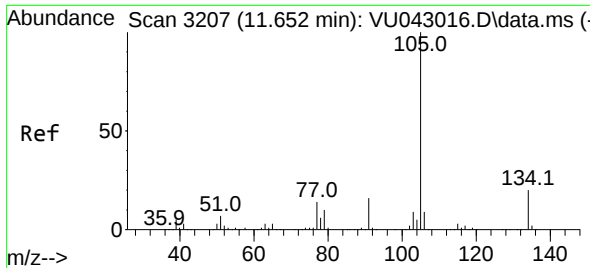


#83
tert-Butylbenzene
Concen: 1.50 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56



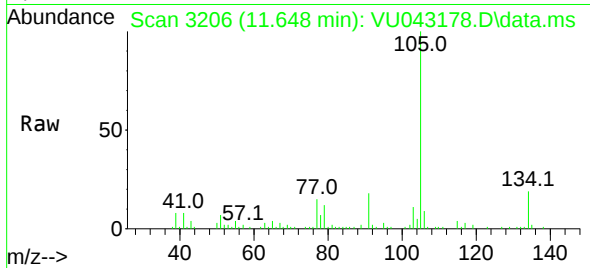
Tgt Ion: 119 Resp: 8053
Ion Ratio Lower Upper
119 100
91 71.2 30.3 90.9
134 22.3 11.4 34.1





#85
 sec-Butylbenzene
 Concen: 6.57 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.004 min
 Lab File: VU043178.D
 Acq: 16 Apr 2021 18:56

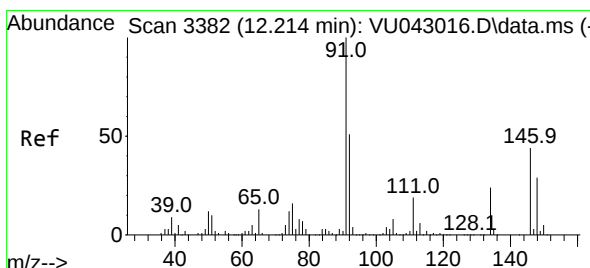
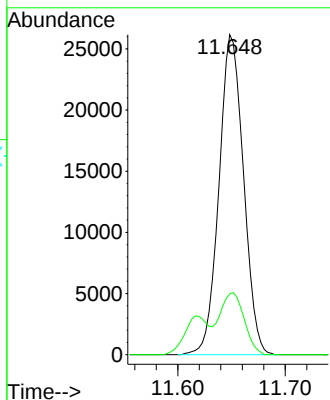
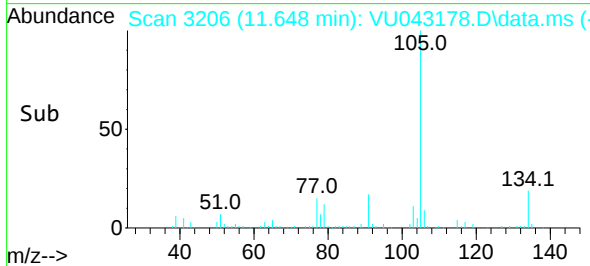
Instrument :
 MSVOA_U
 ClientSampled :
 109-GW-1



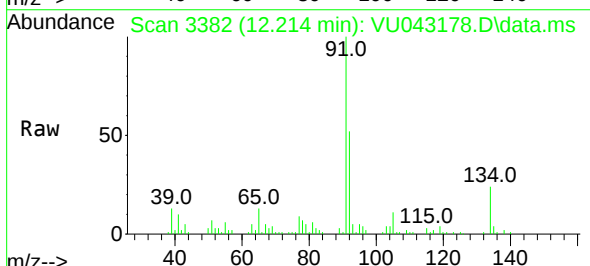
Tgt Ion:105 Resp: 41421
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.0 30.0

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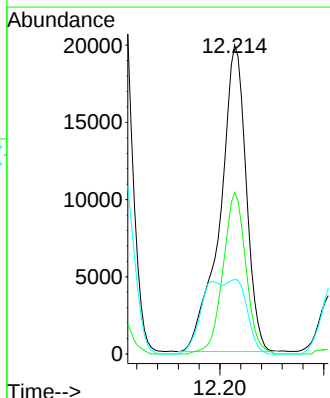
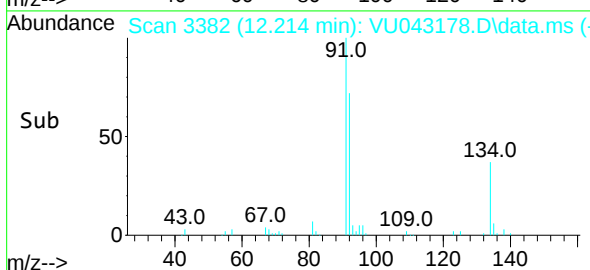
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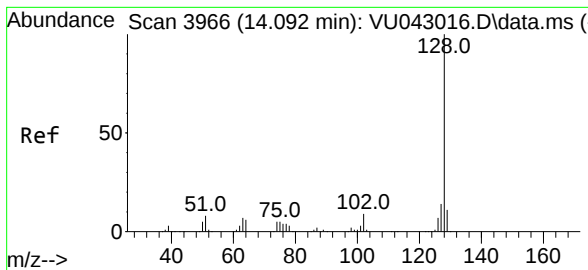


#89
 n-Butylbenzene
 Concen: 6.37 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU043178.D
 Acq: 16 Apr 2021 18:56

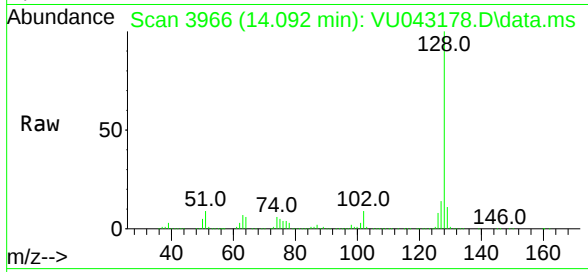


Tgt Ion: 91 Resp: 34613
 Ion Ratio Lower Upper
 91 100
 92 46.5 26.2 78.6
 134 0.0 12.7 38.1#

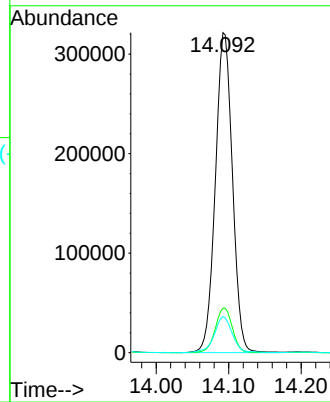
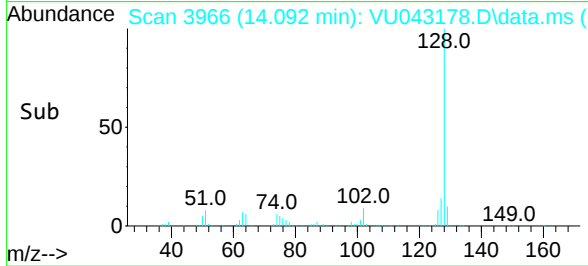




#95
Naphthalene
Concen: 77.17 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043178.D
Acq: 16 Apr 2021 18:56



Tgt Ion:128 Resp: 525930
Ion Ratio Lower Upper
128 100
127 14.1 10.8 16.2
129 12.1 8.6 13.0



Instrument :
MSVOA_U
ClientSampleId :
109-GW-1

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