

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043168.D
 Acq On : 16 Apr 2021 15:05
 Operator : SY/MD
 Sample : M2042-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FS-SB12A

Manual Integrations
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MMDadoda
 4/19/2021 9:40:42 AM

Quant Time: Apr 17 02:31:59 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	111243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	184134	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	180202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	95784	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
35) Dibromofluoromethane	5.298	113	66204	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	7.906	98	238418	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	10.639	95	87858	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
						Qvalue
16) Acetone	2.639	43	10228	9.00	ug/l	98
25) 2-Butanone	4.729	43	2172m	1.28	ug/l	
30) Chloroform	5.099	83	10589	4.09	ug/l	88
52) Toluene	7.973	92	1009	0.29	ug/l	96
67) Ethyl Benzene	9.578	91	2032	0.29	ug/l	98
73) Isopropylbenzene	10.491	105	19885	3.19	ug/l	97
78) n-propylbenzene	10.912	91	25197	3.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	2206	0.40	ug/l	95
84) 1,2,4-Trimethylbenzene	11.475	105	115396	20.42	ug/l	99
85) sec-Butylbenzene	11.655	105	2303m	0.36	ug/l	
95) Naphthalene	14.095	128	212870	32.71	ug/l	100

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

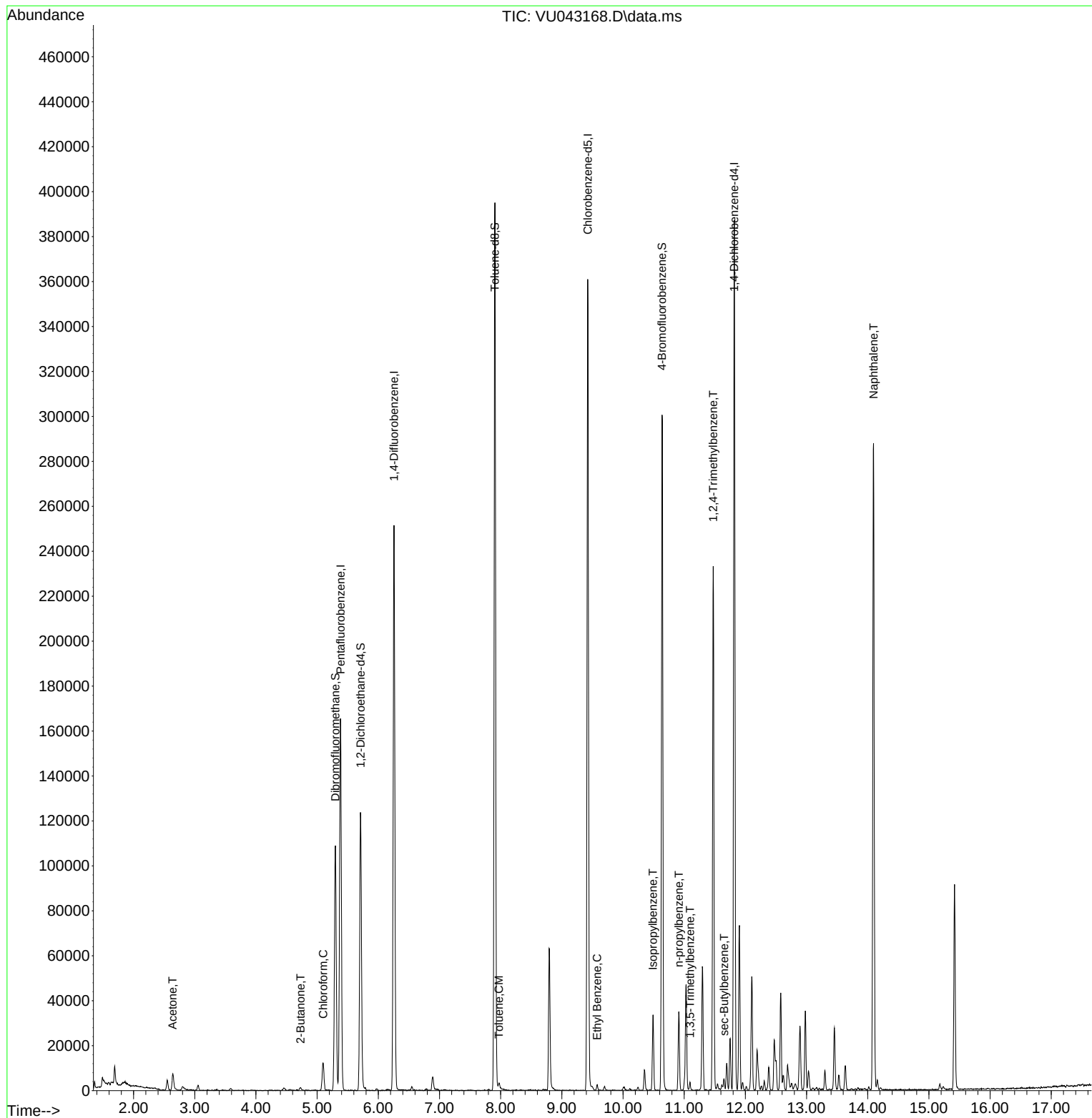
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Data File : VU043168.D
Acq On : 16 Apr 2021 15:05
Operator : SY/MD
Sample : M2042-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

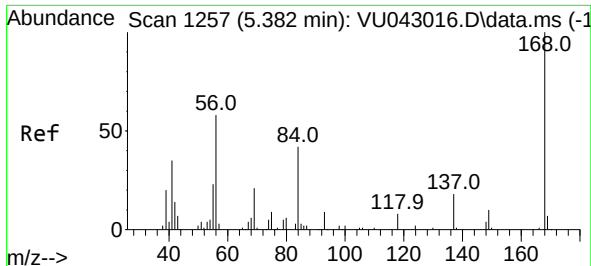
Instrument :
MSVOA_U
ClientSampleId :
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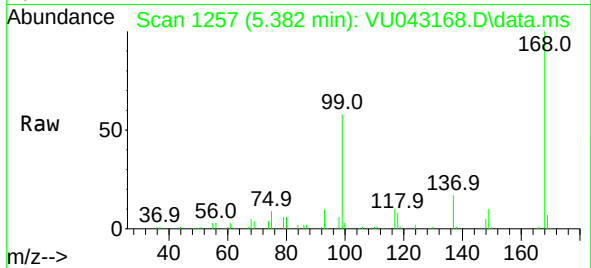
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Quant Time: Apr 17 02:31:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

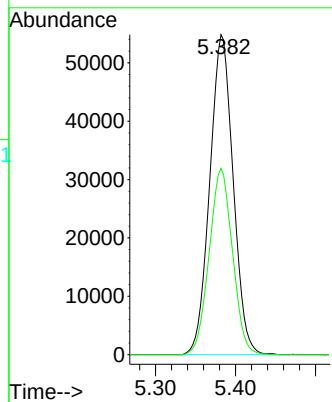
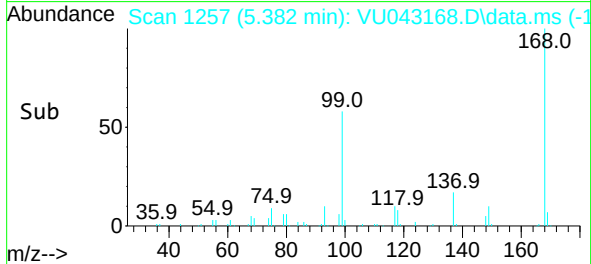




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05



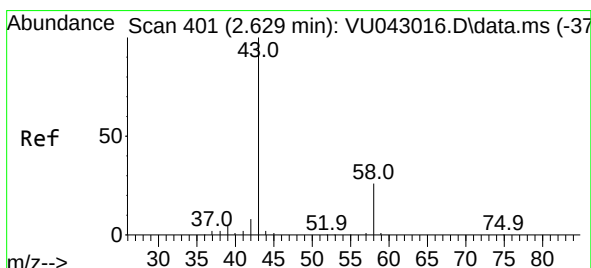
Tgt Ion: 168 Resp: 111243
Ion Ratio Lower Upper
168 100
99 58.2 45.0 67.4



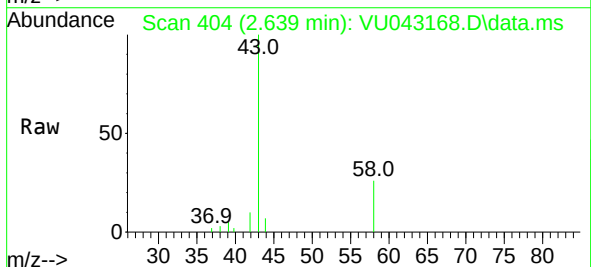
Instrument :
MSVOA_U
ClientSampleId :
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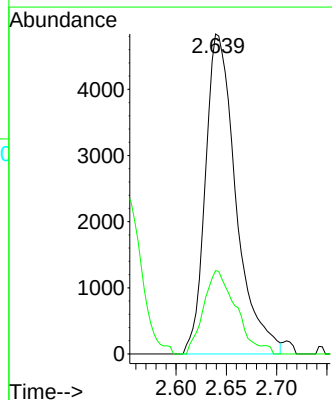
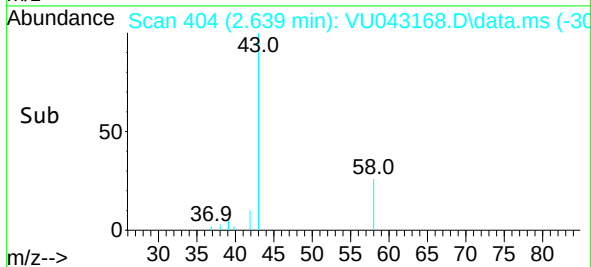
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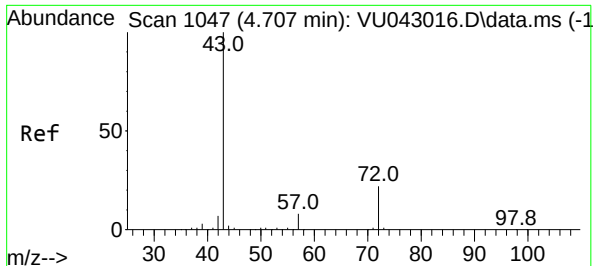


#16
Acetone
Concen: 9.00 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05



Tgt Ion: 43 Resp: 10228
Ion Ratio Lower Upper
43 100
58 26.0 21.5 32.3





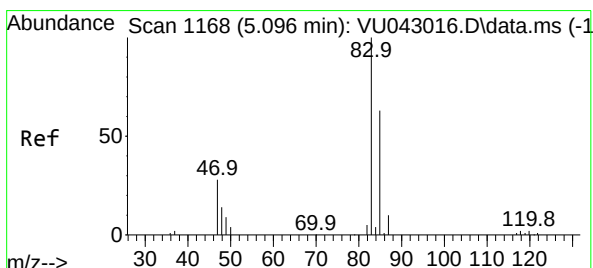
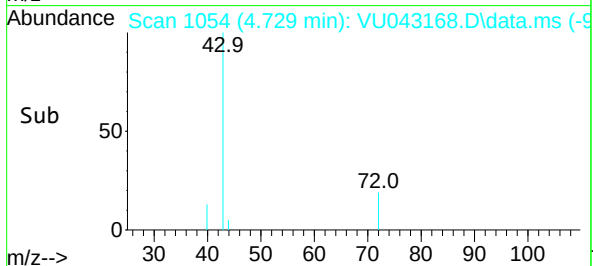
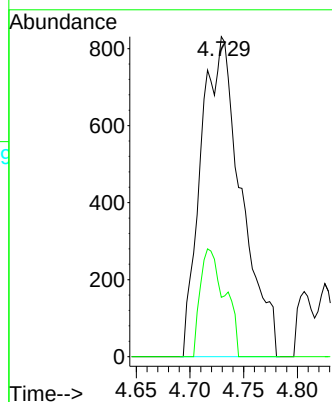
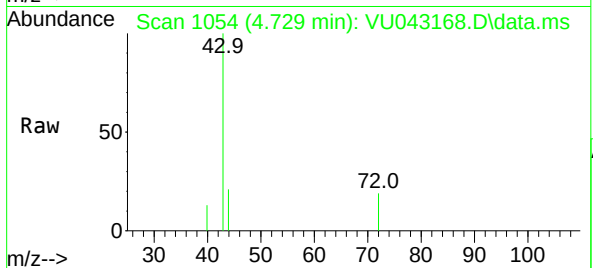
#25
2-Butanone
Concen: 1.28 ug/l m
RT: 4.729 min Scan# 1054
Delta R.T. 0.022 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05

Tgt Ion: 43 Resp: 2172
Ion Ratio Lower Upper
43 100
72 18.5 17.4 26.0

Instrument :
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ClientSampleId :
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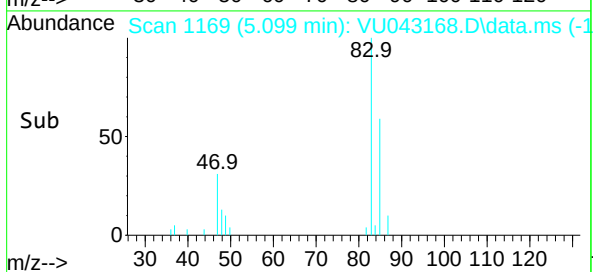
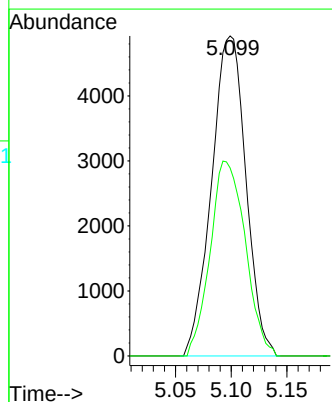
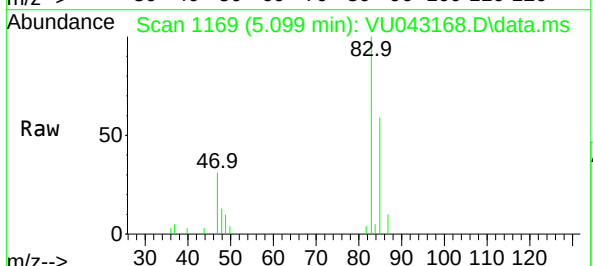
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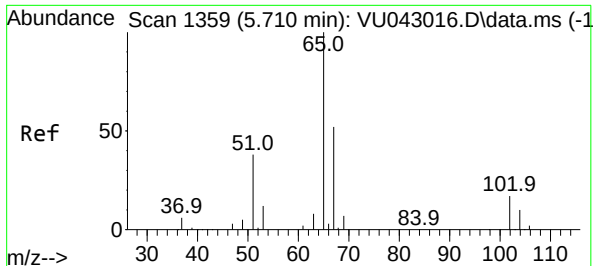
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#30
Chloroform
Concen: 4.09 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05

Tgt Ion: 83 Resp: 10589
Ion Ratio Lower Upper
83 100
85 58.7 54.6 81.8





#33

1,2-Dichloroethane-d4

Concen: 51.22 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043168.D

Acq: 16 Apr 2021 15:05

Tgt Ion: 65 Resp: 95784

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

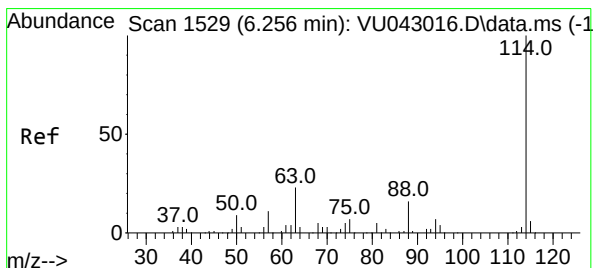
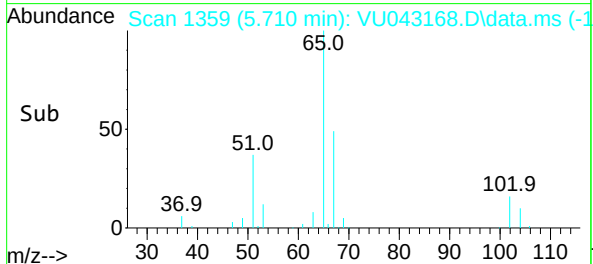
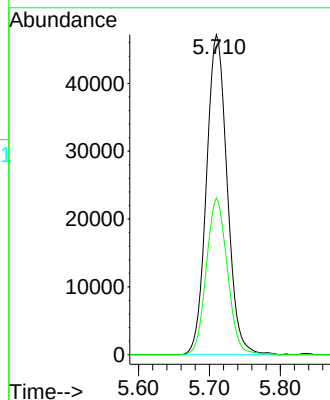
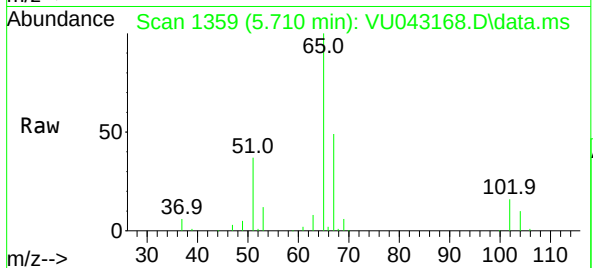
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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043168.D

Acq: 16 Apr 2021 15:05

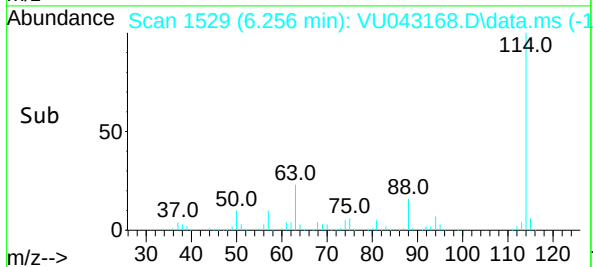
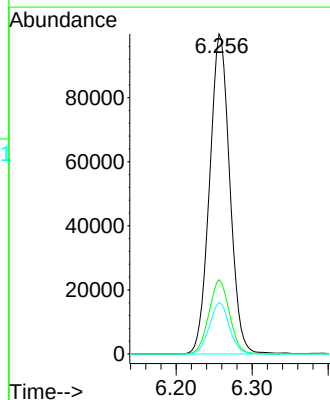
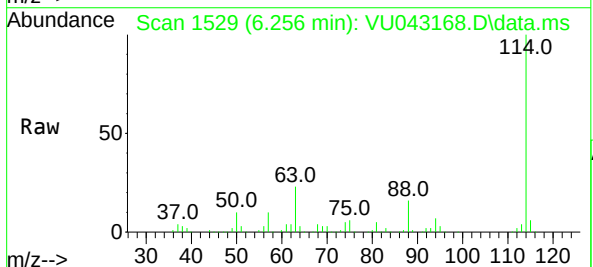
Tgt Ion: 114 Resp: 184134

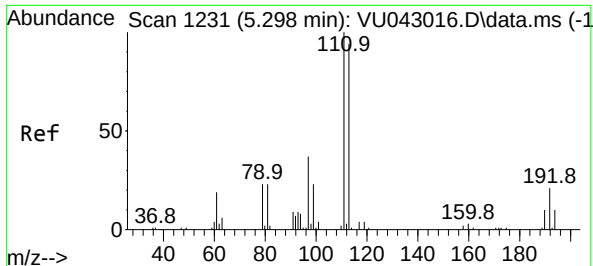
Ion Ratio Lower Upper

114 100

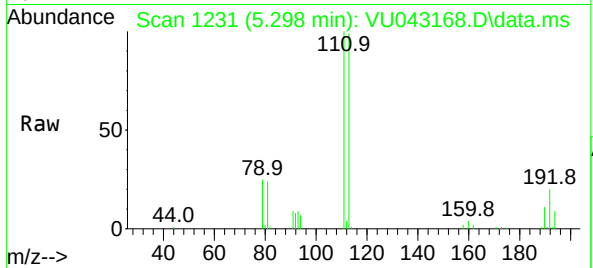
63 23.2 0.0 44.2

88 16.1 0.0 33.4

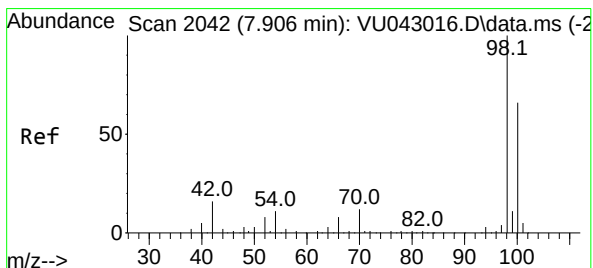
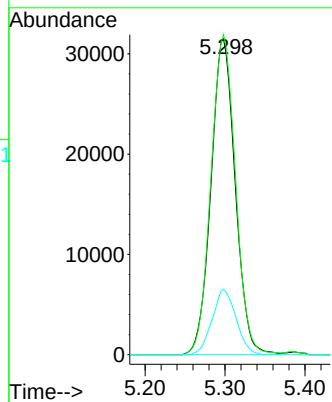
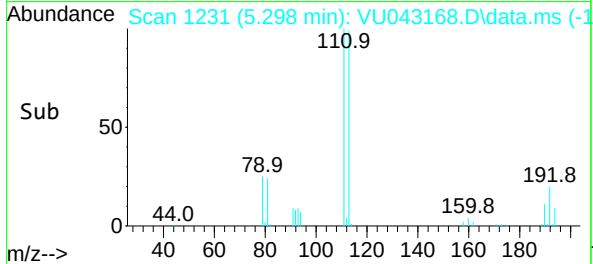




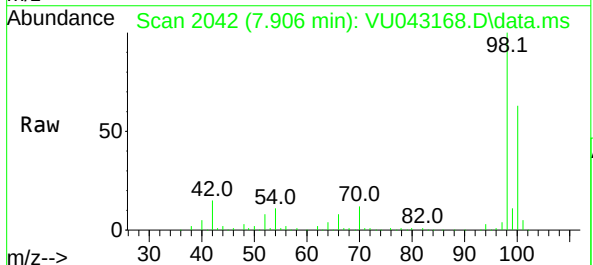
#35
Dibromofluoromethane
Concen: 47.85 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05



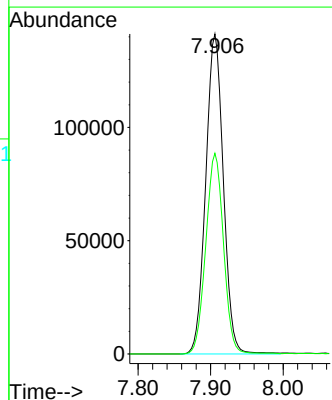
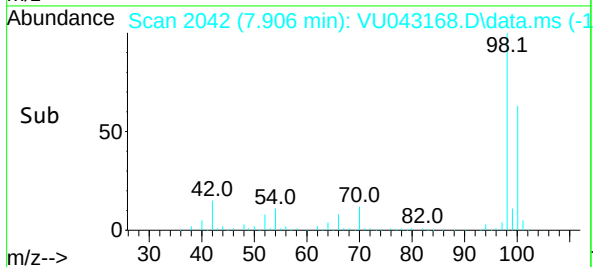
Tgt Ion: 113 Resp: 66204
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 20.4 17.2 25.8



#50
Toluene-d8
Concen: 48.70 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05



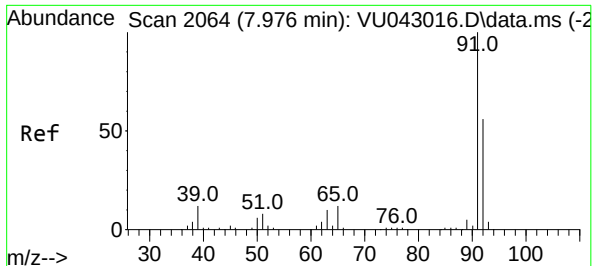
Tgt Ion: 98 Resp: 238418
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



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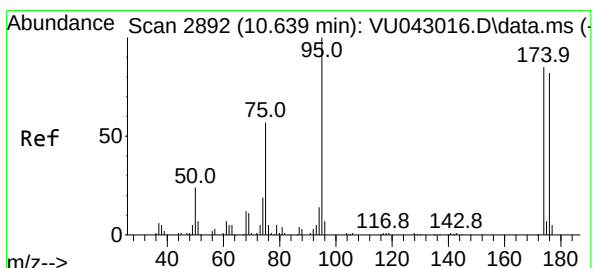
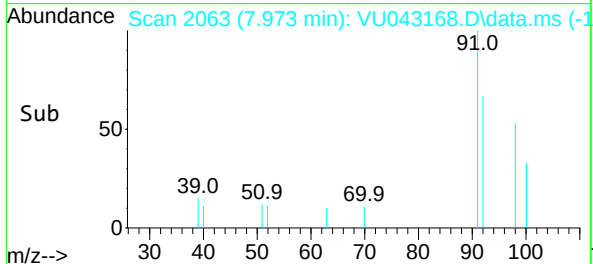
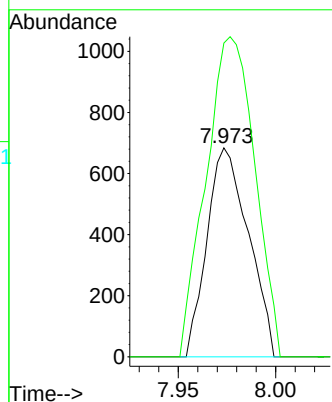
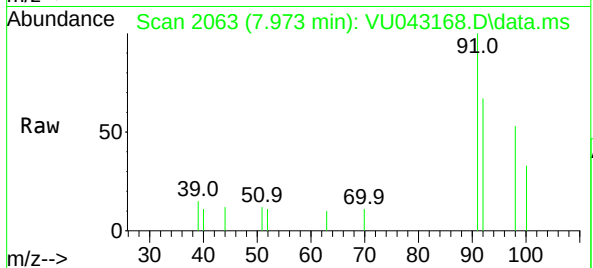
#52
Toluene
Concen: 0.29 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05

Tgt Ion: 92 Resp: 1009
Ion Ratio Lower Upper
92 100
91 180.8 140.3 210.5

Instrument :
MSVOA_U
ClientSampleId :
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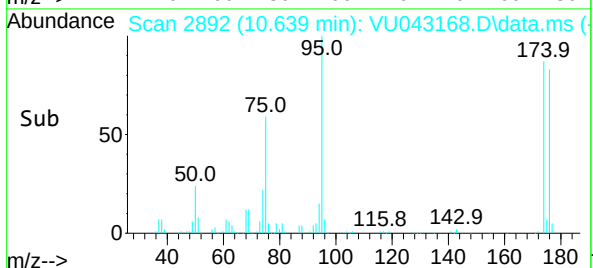
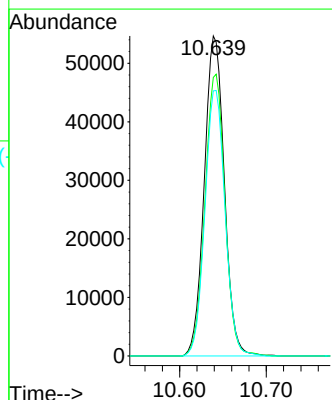
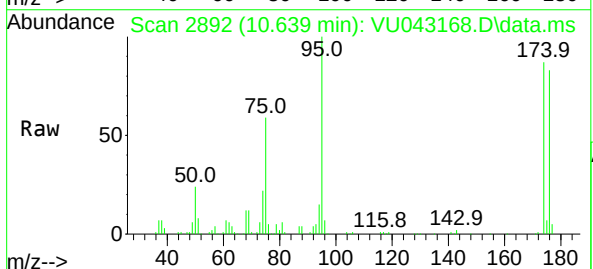
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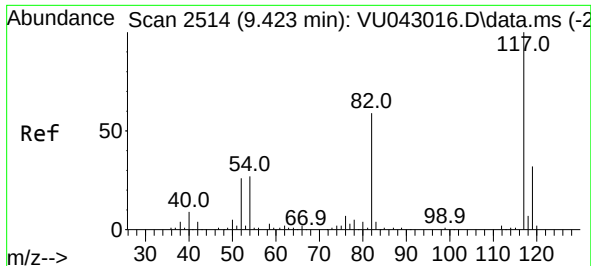
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#62
4-Bromofluorobenzene
Concen: 44.81 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05

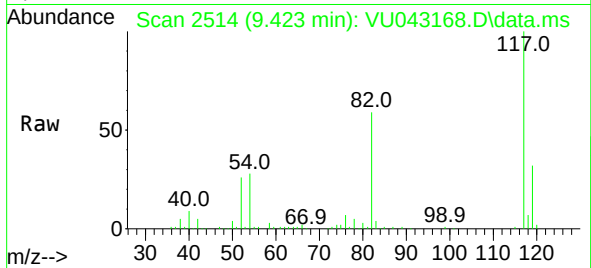
Tgt Ion: 95 Resp: 87858
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.2
176 83.4 0.0 168.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05

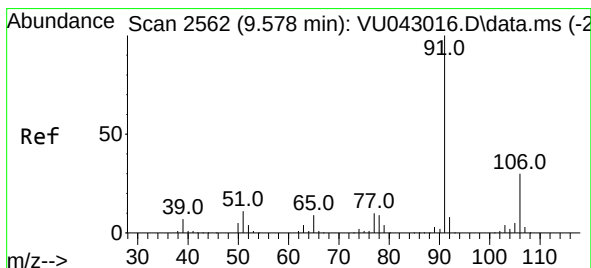
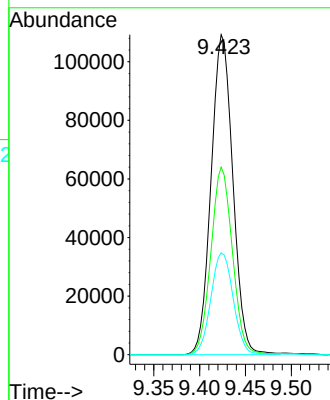
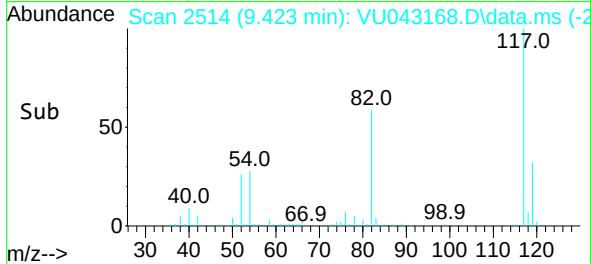
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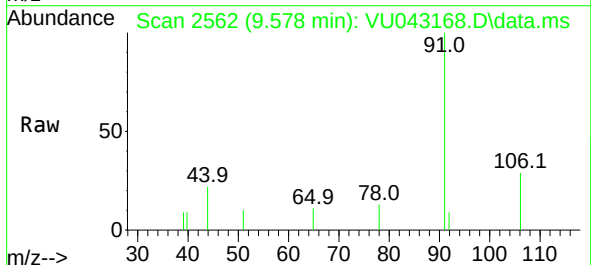
Tgt Ion:117 Resp: 180202
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.6
119 31.9 25.8 38.8

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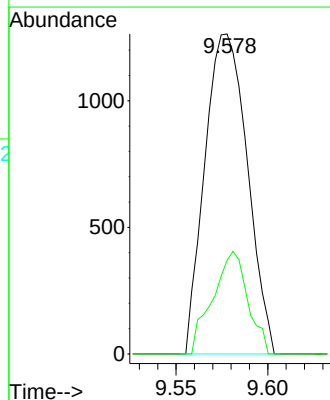
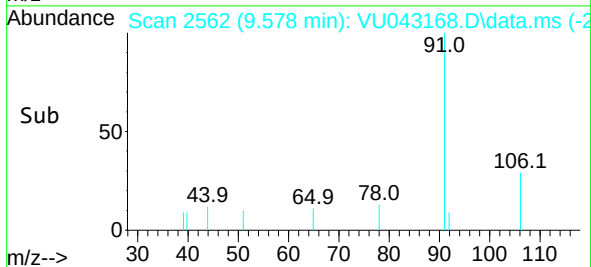
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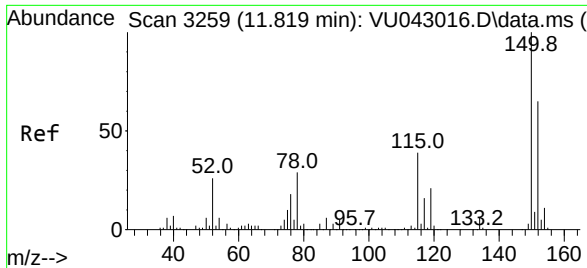


#67
Ethyl Benzene
Concen: 0.29 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05



Tgt Ion: 91 Resp: 2032
Ion Ratio Lower Upper
91 100
106 29.3 24.1 36.1





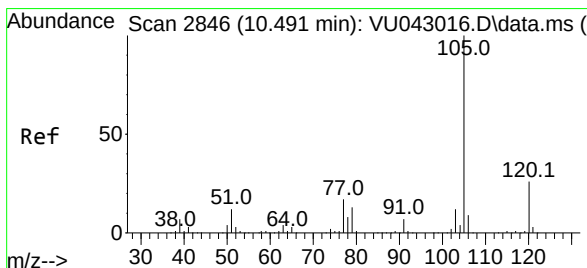
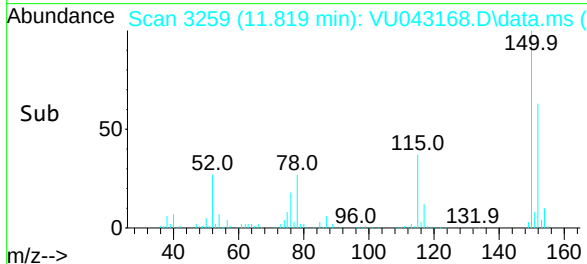
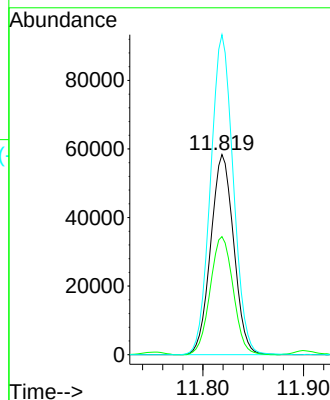
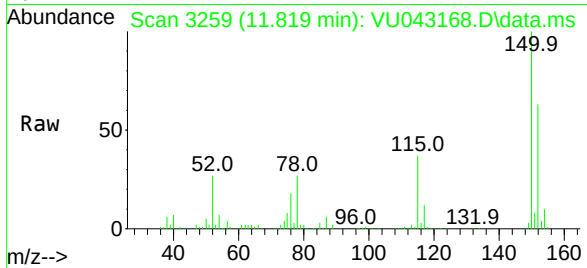
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05

Tgt Ion:152 Resp: 92822
Ion Ratio Lower Upper
152 100
115 59.0 41.5 124.6
150 158.2 0.0 342.4

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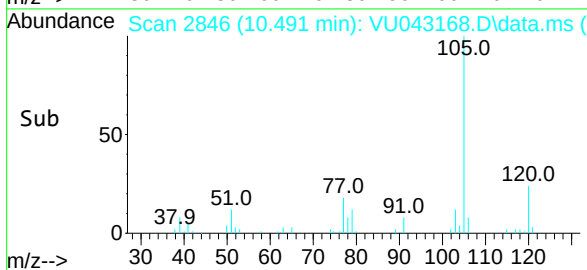
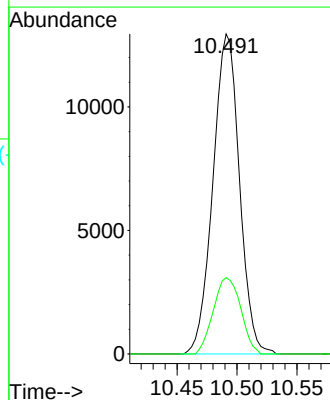
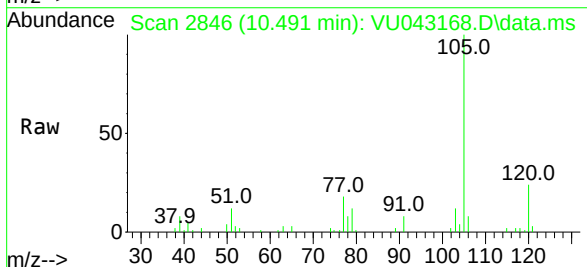
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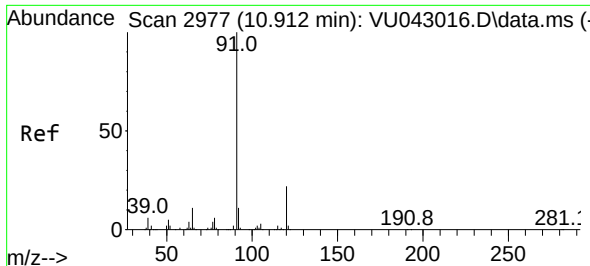
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#73
Isopropylbenzene
Concen: 3.19 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05

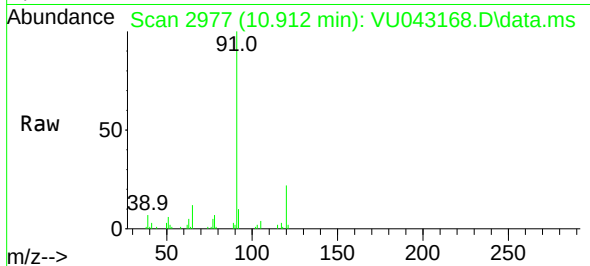
Tgt Ion:105 Resp: 19885
Ion Ratio Lower Upper
105 100
120 24.6 13.1 39.3



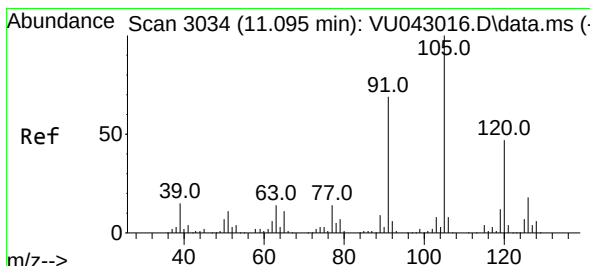
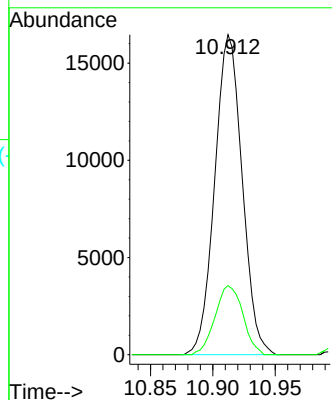
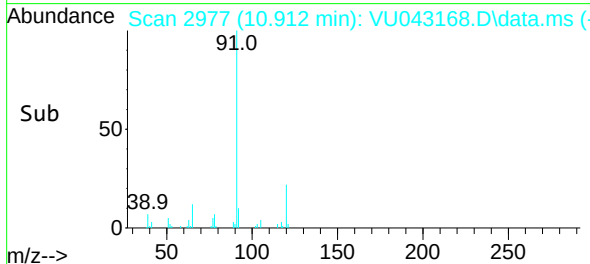


#78
n-propylbenzene
Concen: 3.38 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05

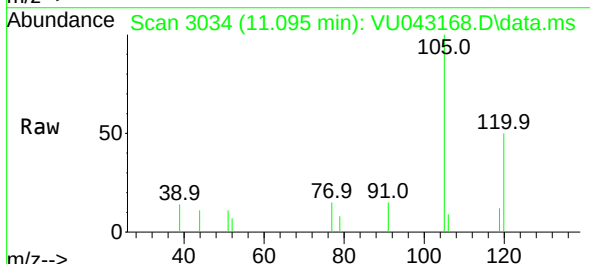
Instrument :
MSVOA_U
ClientSampleId :
FS-SB12A



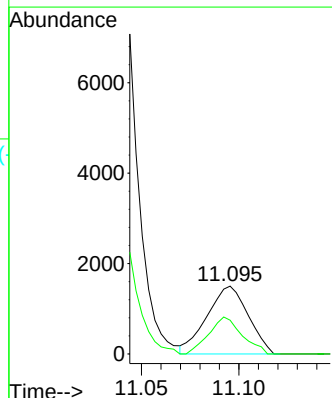
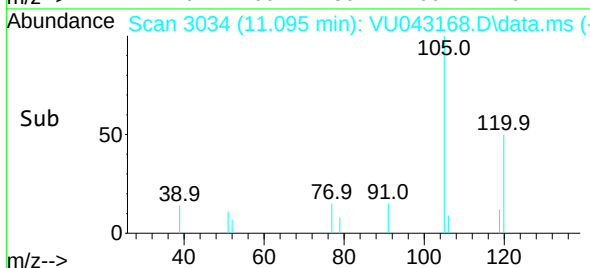
Tgt Ion: 91 Resp: 25197
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.6

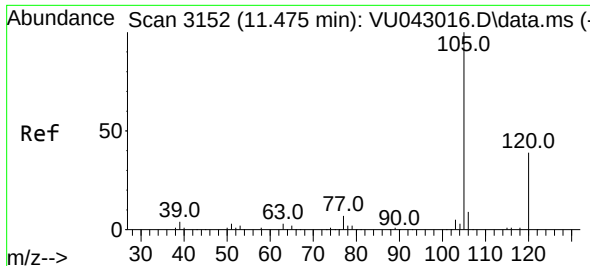


#80
1,3,5-Trimethylbenzene
Concen: 0.40 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05



Tgt Ion: 105 Resp: 2206
Ion Ratio Lower Upper
105 100
120 44.0 23.8 71.4





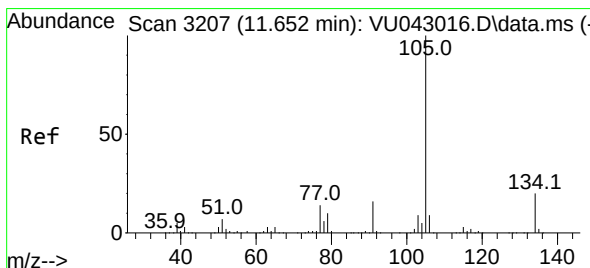
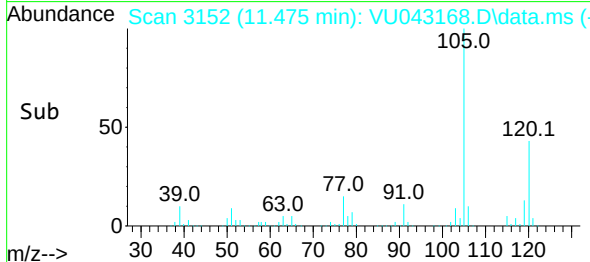
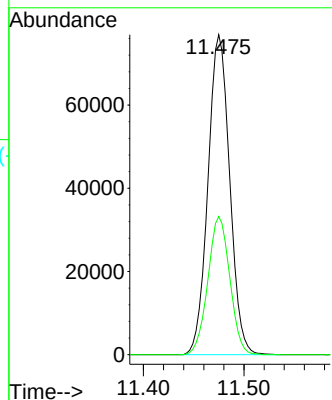
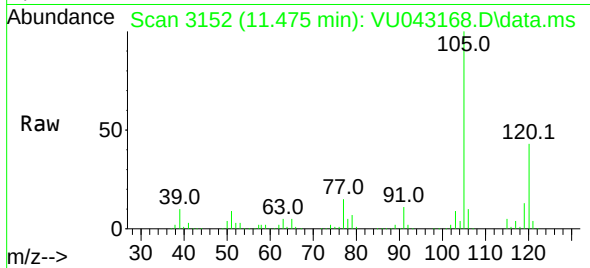
#84
1,2,4-Trimethylbenzene
Concen: 20.42 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05

Tgt Ion:105 Resp: 115396
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8

Instrument :
MSVOA_U
ClientSampleId :
FS-SB12A

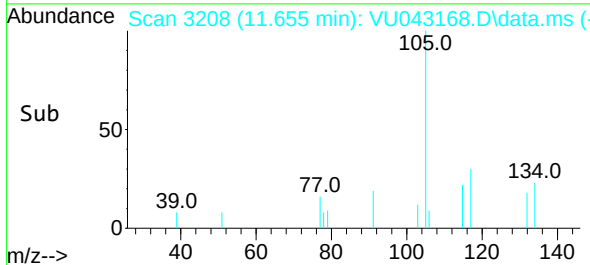
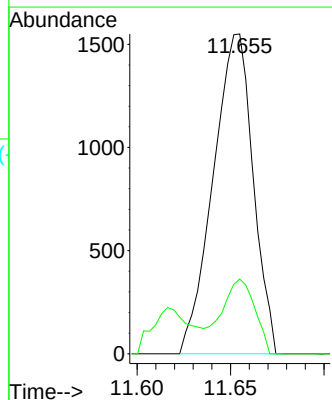
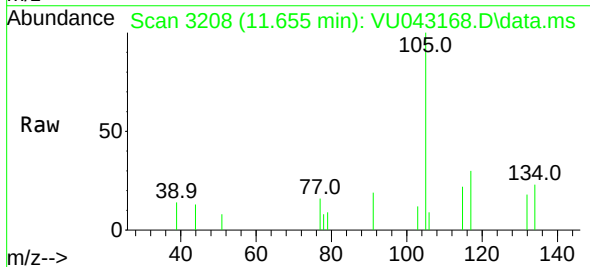
Manual Integrations
APPROVED

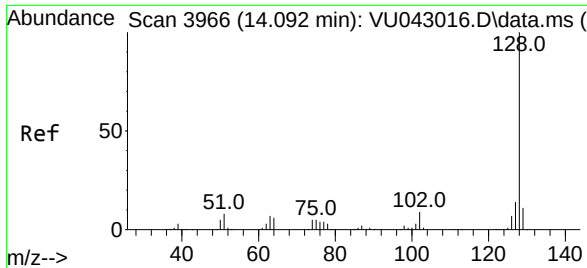
MMDadoda
4/19/2021 9:40:42 AM



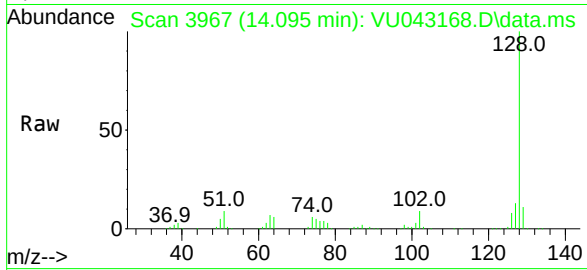
#85
sec-Butylbenzene
Concen: 0.36 ug/l m
RT: 11.655 min Scan# 3208
Delta R.T. 0.003 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05

Tgt Ion:105 Resp: 2303
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#

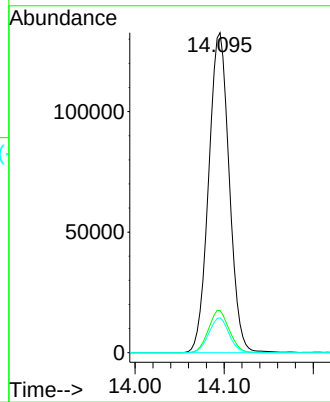
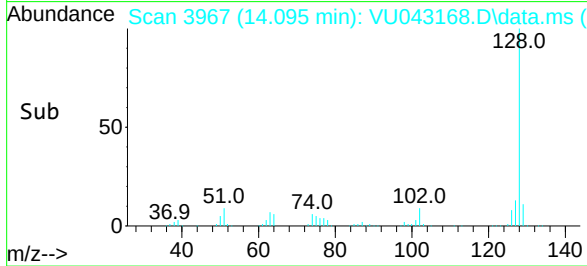




#95
Naphthalene
Concen: 32.71 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043168.D
Acq: 16 Apr 2021 15:05



Tgt Ion:128 Resp: 212870
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.7 8.6 13.0



Instrument :
MSVOA_U
ClientSampleId :
FS-SB12A

Manual Integrations
APPROVED

MMDadoda
4/19/2021 9:40:42 AM