

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042912.D
 Acq On : 02 Apr 2021 21:44
 Operator : SY/MD
 Sample : M1931-01DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BES-12SRDL

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 10:16:22 AM

Quant Time: Apr 03 00:17:58 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	129066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	203789	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	196632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	104626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	102102	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
35) Dibromofluoromethane	5.298	113	71008	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	7.906	98	258894	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	10.639	95	99728	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds					Qvalue	
31) Cyclohexane	5.388	56	16425	6.41	ug/l	# 84
39) Methylcyclohexane	6.771	83	13871	6.01	ug/l	91
67) Ethyl Benzene	9.578	91	91506	12.76	ug/l	100
68) m/p-Xylenes	9.703	106	40773	15.43	ug/l	99
73) Isopropylbenzene	10.491	105	20746	3.13	ug/l	100
78) n-propylbenzene	10.912	91	76227	9.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	26819	4.67	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	203660	35.10	ug/l	99
85) sec-Butylbenzene	11.652	105	11216	1.72	ug/l	92
86) p-Isopropyltoluene	11.799	119	3293m	0.55	ug/l	
89) n-Butylbenzene	12.211	91	8887m	1.58	ug/l	
95) Naphthalene	14.095	128	56456	10.12	ug/l	99

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

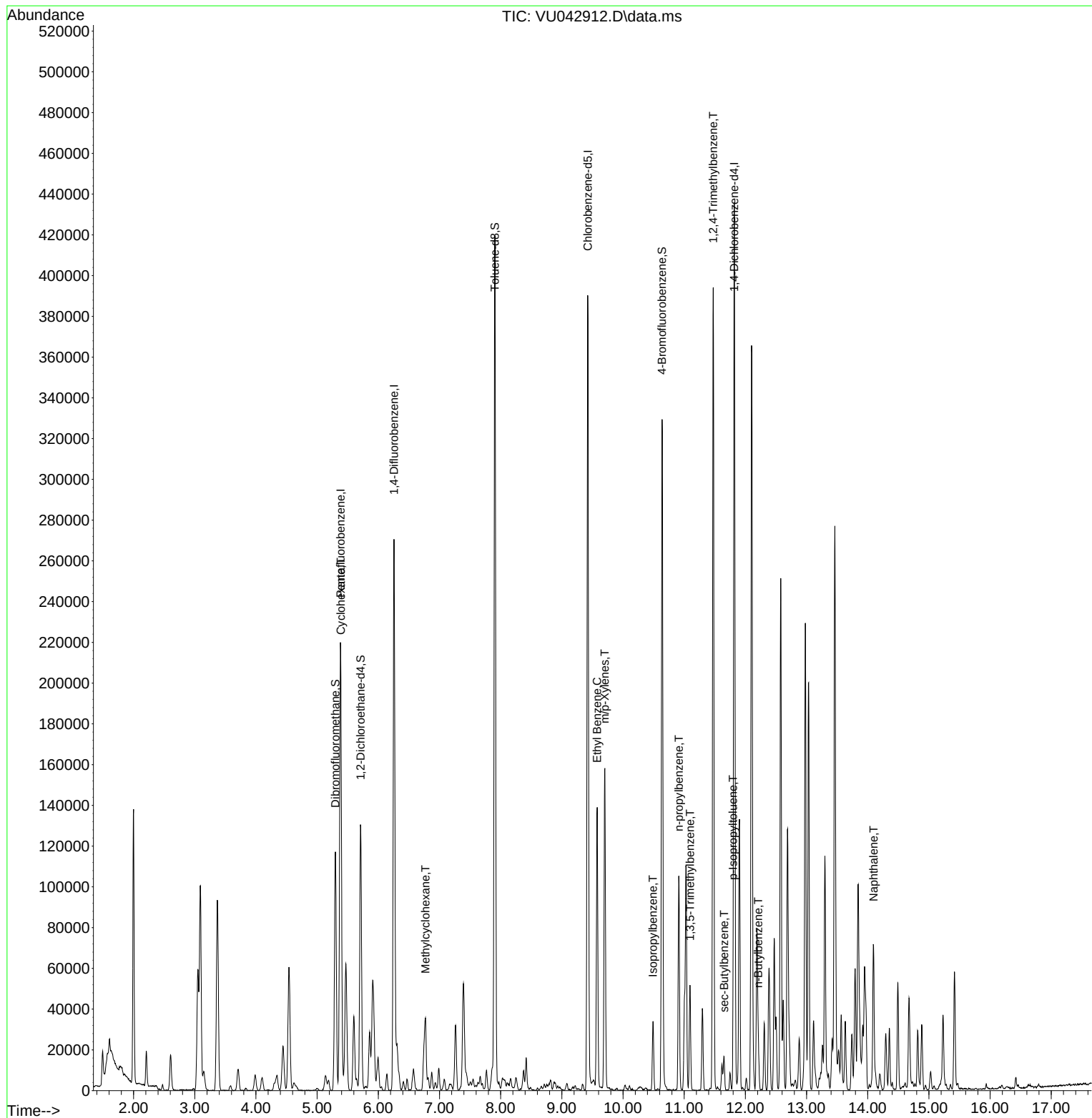
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
Data File : VU042912.D
Acq On : 02 Apr 2021 21:44
Operator : SY/MD
Sample : M1931-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

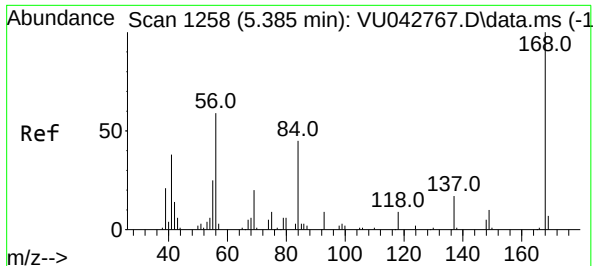
Instrument :
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ClientSampleId :
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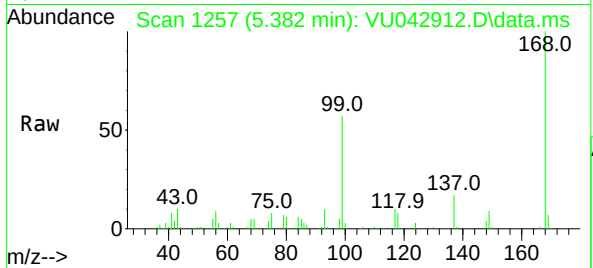
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

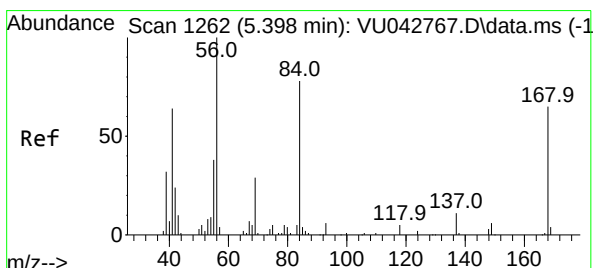
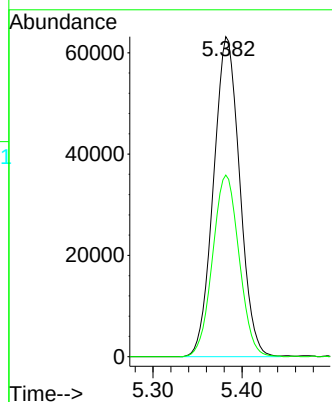
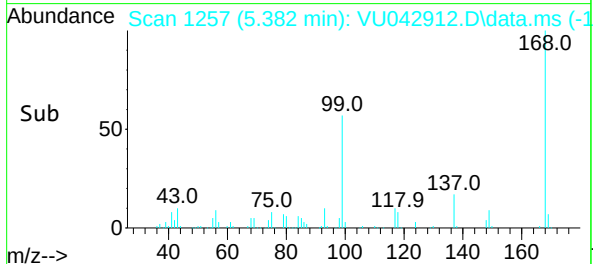
Instrument :
MSVOA_U
ClientSampleId :
BES-12SRDL



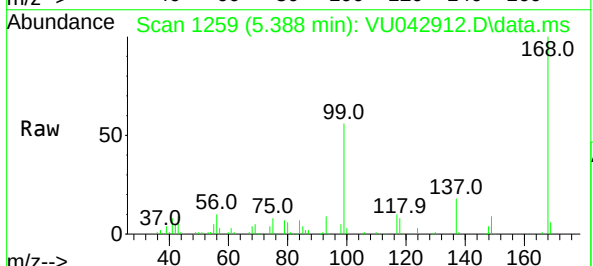
Tgt Ion:168 Resp: 129066
Ion Ratio Lower Upper
168 100
99 56.8 46.4 69.6

Manual Integrations
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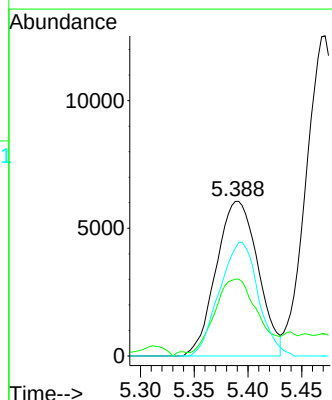
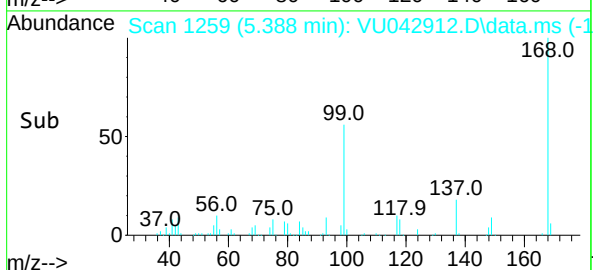
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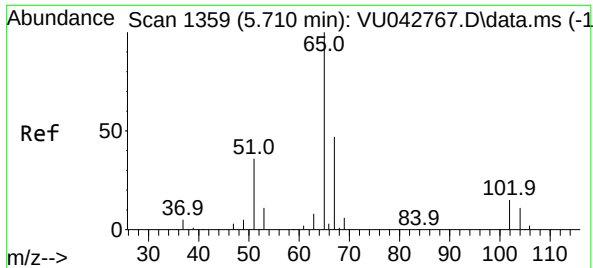


#31
Cyclohexane
Concen: 6.41 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.010 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44



Tgt Ion: 56 Resp: 16425
Ion Ratio Lower Upper
56 100
69 47.0 23.3 34.9#
84 69.6 62.2 93.4





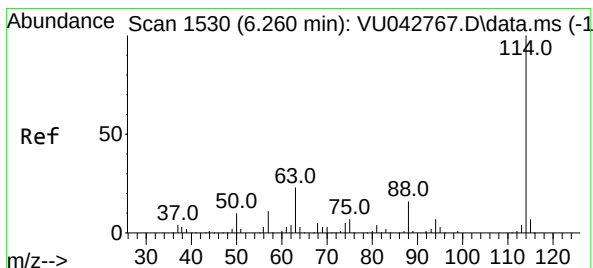
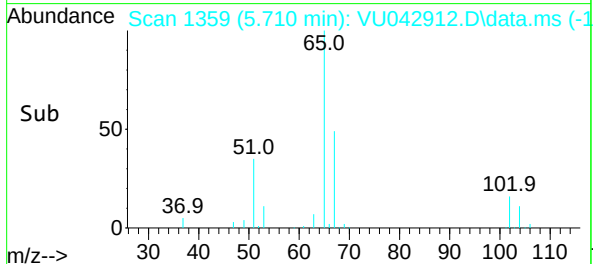
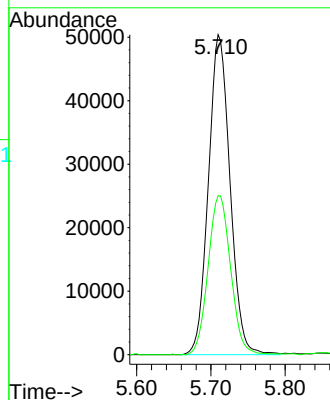
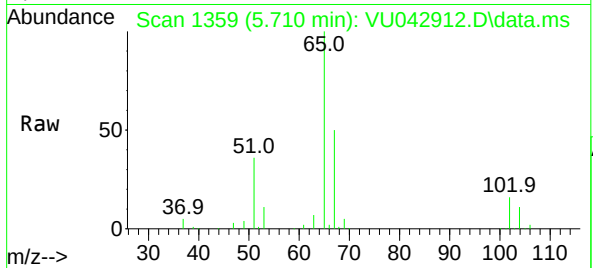
#33
1,2-Dichloroethane-d4
Concen: 49.62 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion: 65 Resp: 102102
Ion Ratio Lower Upper
65 100
67 51.8 0.0 98.8

Instrument :
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BES-12SRDL

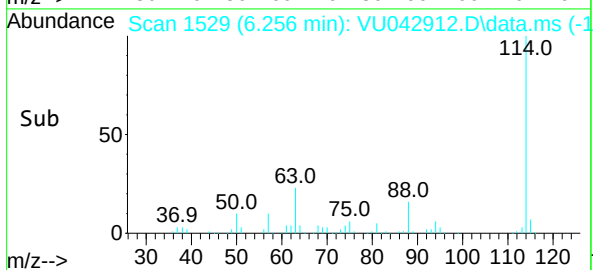
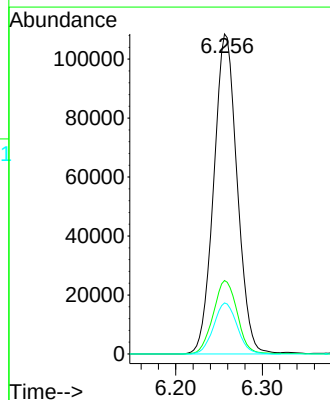
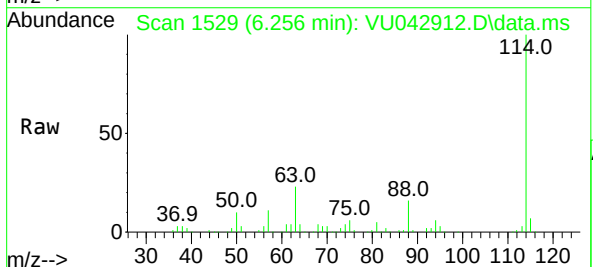
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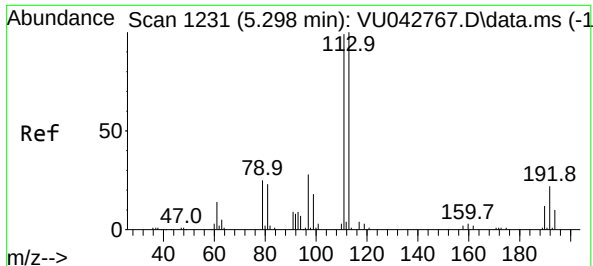
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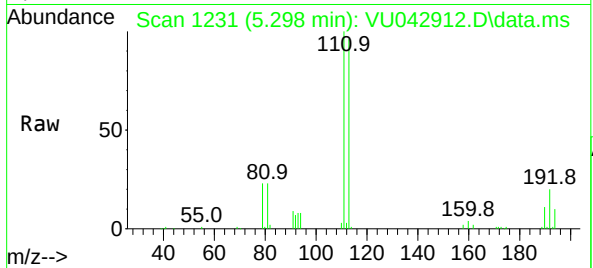
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion: 114 Resp: 203789
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.8
88 15.9 0.0 32.2

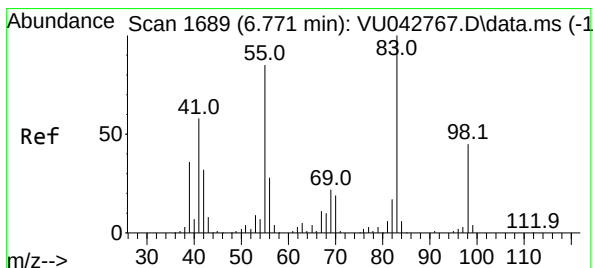
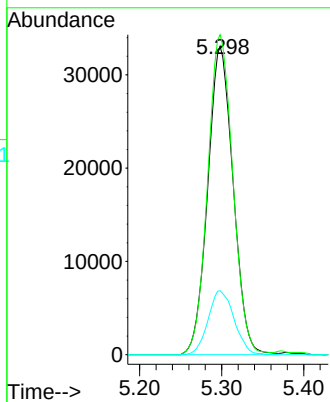
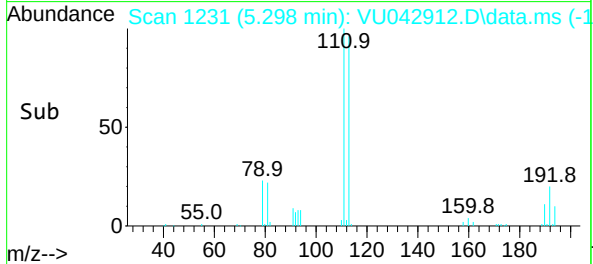




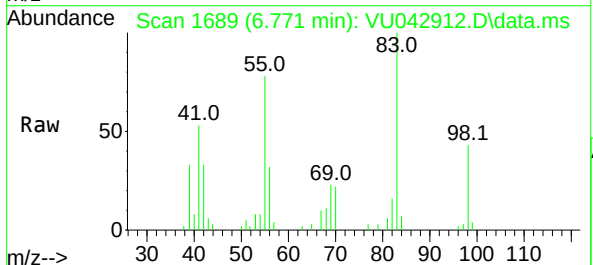
#35
Dibromofluoromethane
Concen: 46.69 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44



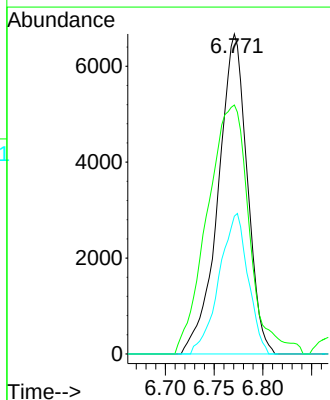
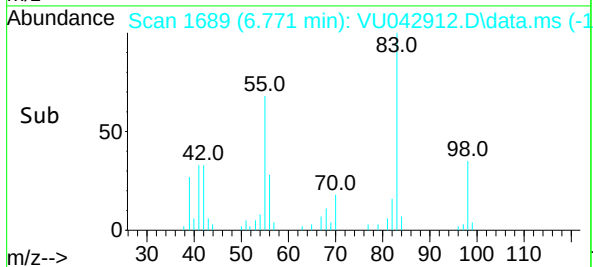
Tgt Ion: 113 Resp: 71008
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 21.2 17.6 26.4



#39
Methylcyclohexane
Concen: 6.01 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44



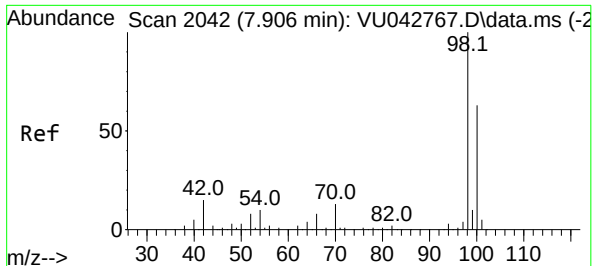
Tgt Ion: 83 Resp: 13871
Ion Ratio Lower Upper
83 100
55 74.9 68.2 102.4
98 43.1 36.3 54.5



Instrument :
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BES-12SRDL

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4/5/2021 10:16:22 AM



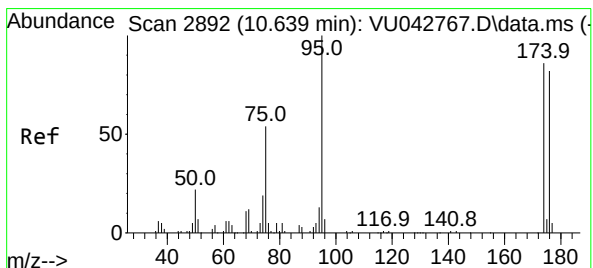
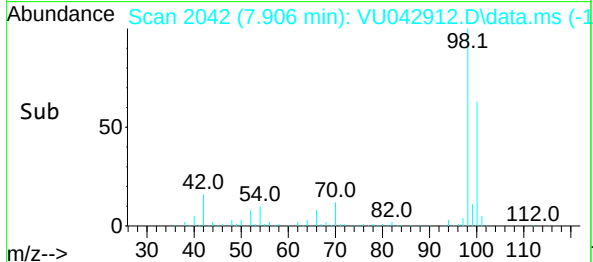
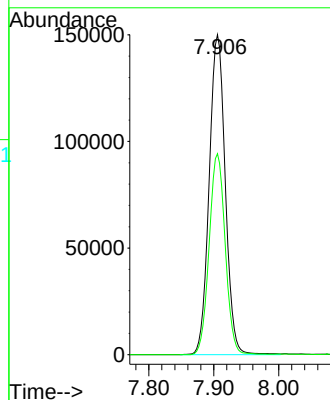
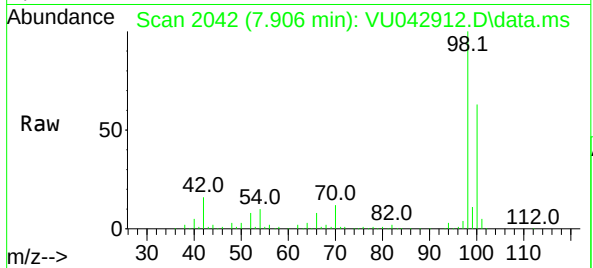
#50
Toluene-d8
Concen: 48.39 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion: 98 Resp: 258894
Ion Ratio Lower Upper
98 100
100 62.6 50.4 75.6

Instrument :
MSVOA_U
ClientSampleId :
BES-12SRDL

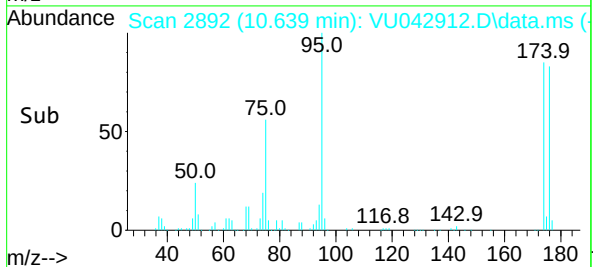
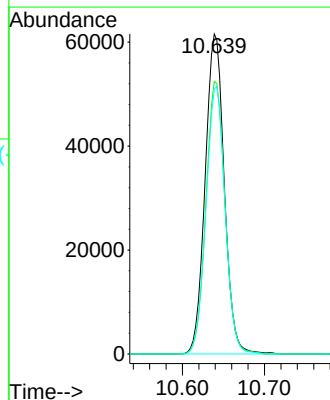
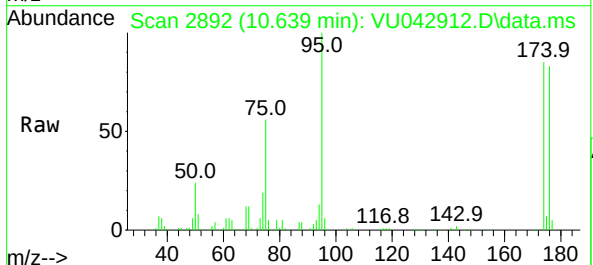
Manual Integrations
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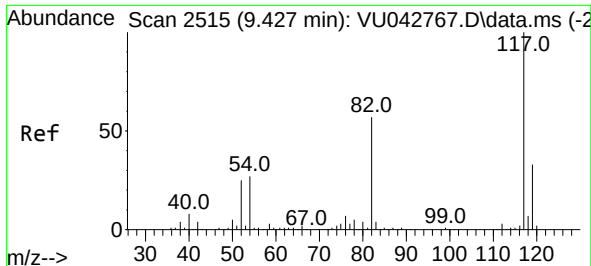
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#62
4-Bromofluorobenzene
Concen: 47.96 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

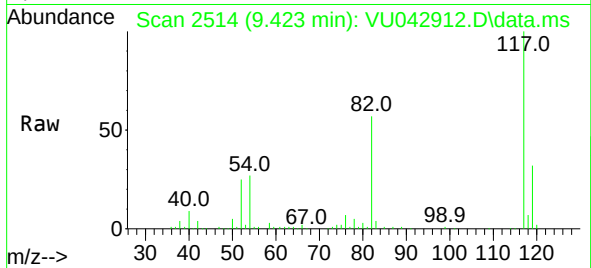
Tgt Ion: 95 Resp: 99728
Ion Ratio Lower Upper
95 100
174 85.2 0.0 175.2
176 83.9 0.0 167.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

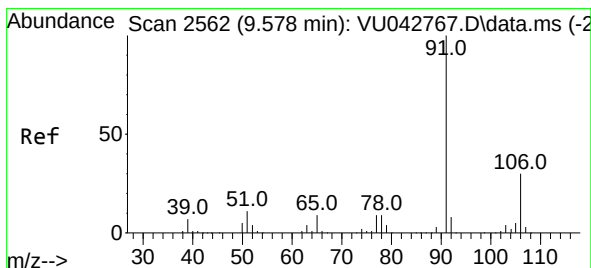
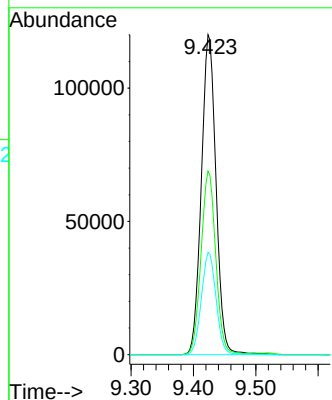
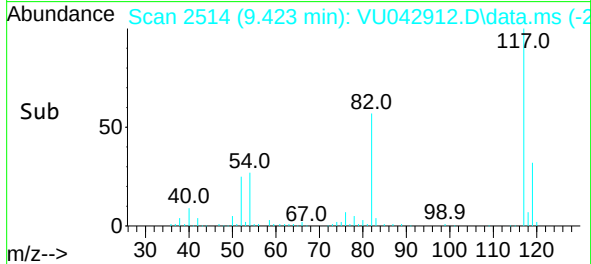
Instrument :
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BES-12SRDL



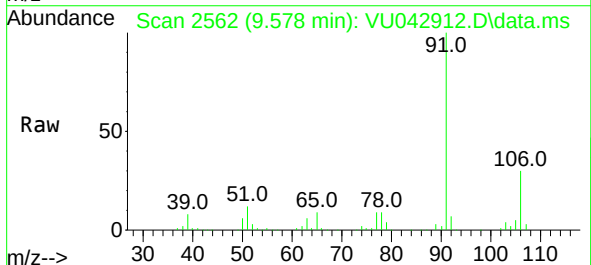
Tgt Ion:117 Resp: 196632
Ion Ratio Lower Upper
117 100
82 57.4 45.5 68.3
119 31.9 26.2 39.4

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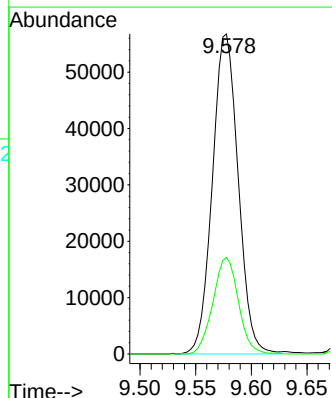
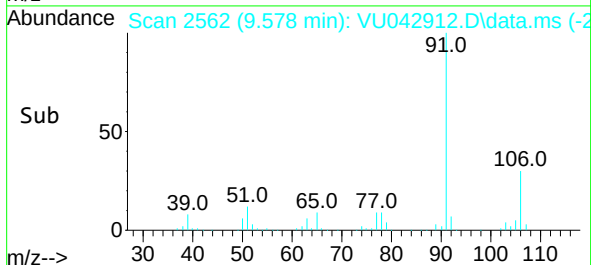
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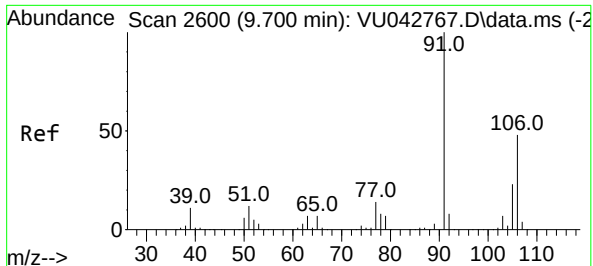


#67
Ethyl Benzene
Concen: 12.76 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44



Tgt Ion: 91 Resp: 91506
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1





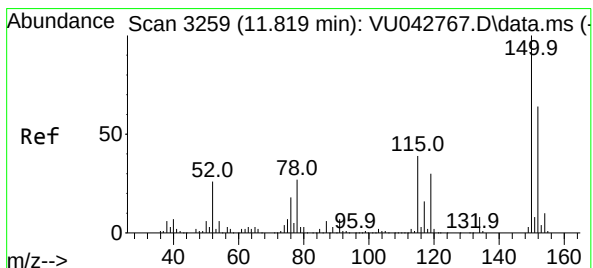
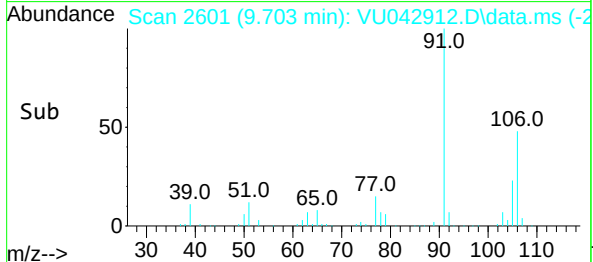
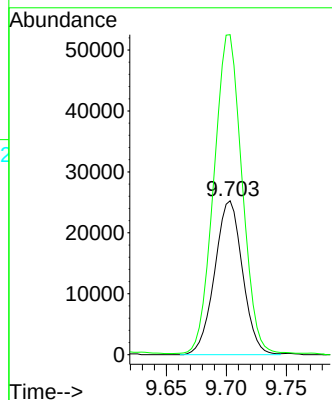
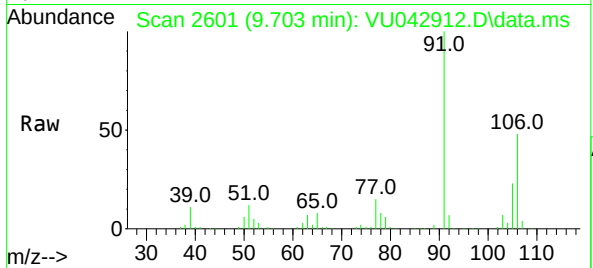
#68
m/p-Xylenes
Concen: 15.43 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion:106 Resp: 40773
Ion Ratio Lower Upper
106 100
91 209.4 168.3 252.5

Instrument :
MSVOA_U
ClientSampleId :
BES-12SRDL

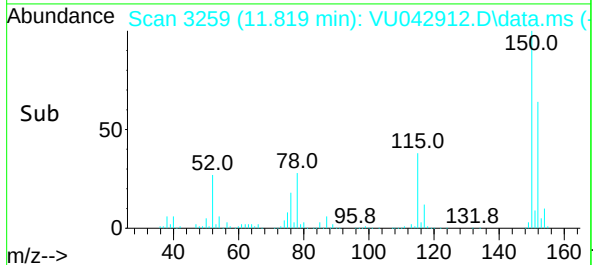
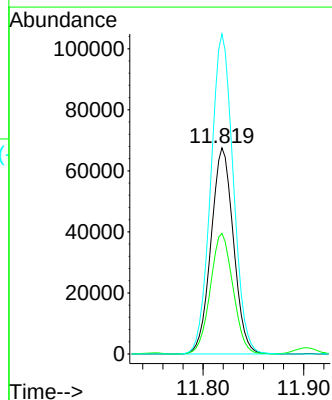
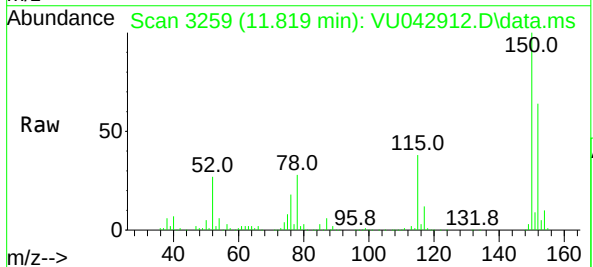
Manual Integrations
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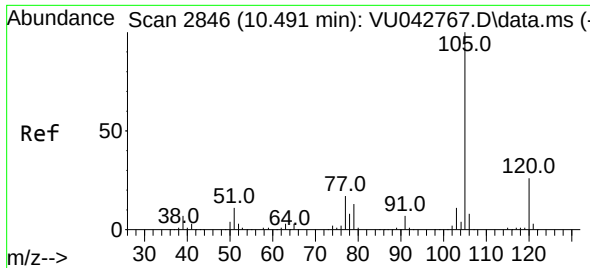
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4/5/2021 10:16:22 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion:152 Resp: 104626
Ion Ratio Lower Upper
152 100
115 59.3 41.0 123.0
150 155.8 0.0 341.0





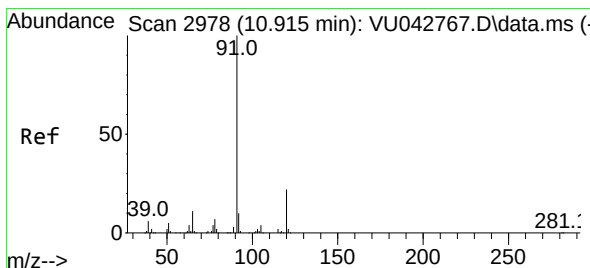
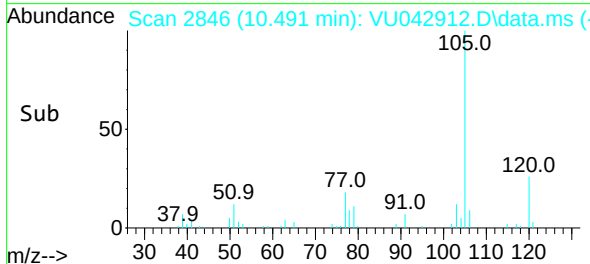
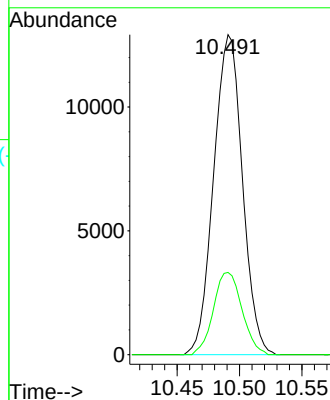
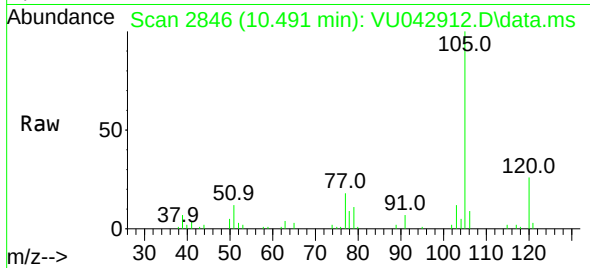
#73
Isopropylbenzene
Concen: 3.13 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion: 105 Resp: 20746
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

Instrument :
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BES-12SRDL

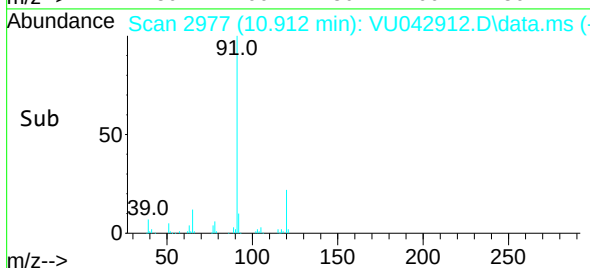
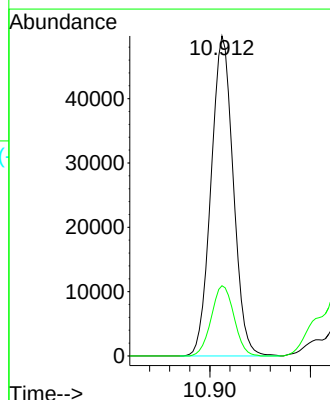
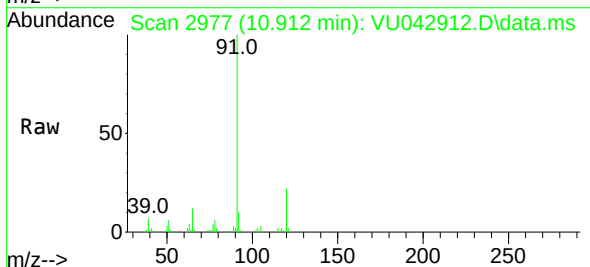
Manual Integrations
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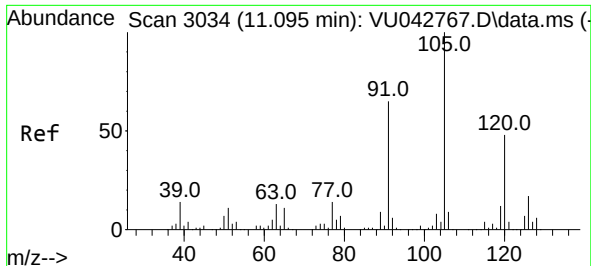
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4/5/2021 10:16:22 AM



#78
n-propylbenzene
Concen: 9.78 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion: 91 Resp: 76227
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





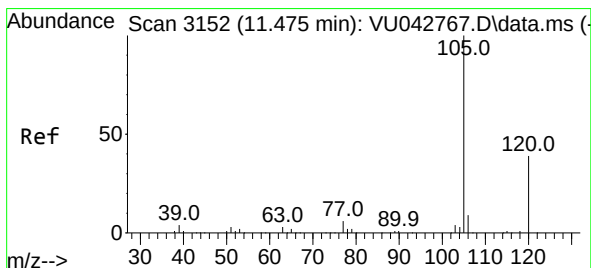
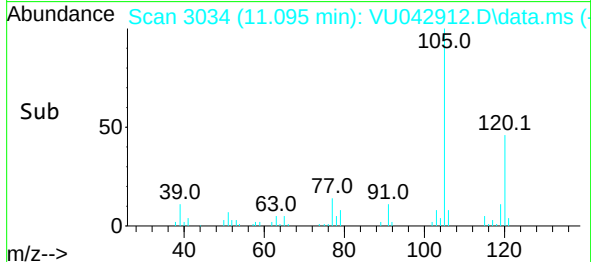
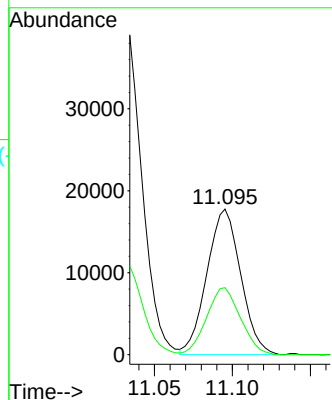
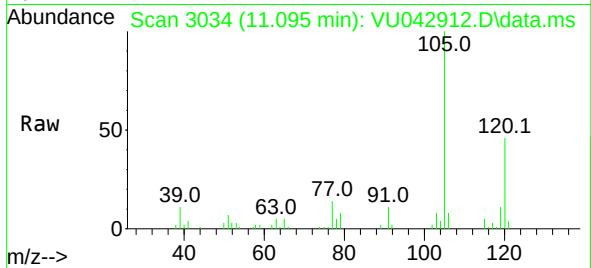
#80
1,3,5-Trimethylbenzene
Concen: 4.67 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion:105 Resp: 26819
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.2

Instrument :
MSVOA_U
ClientSampleId :
BES-12SRDL

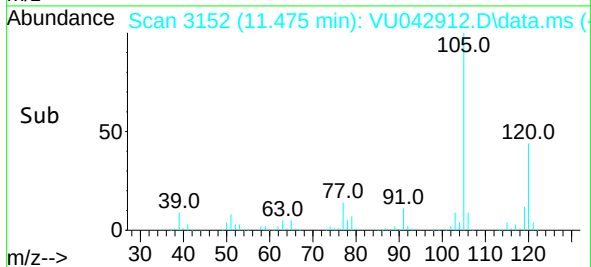
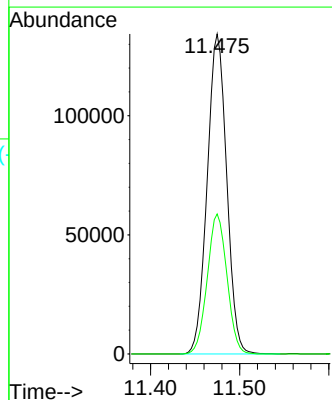
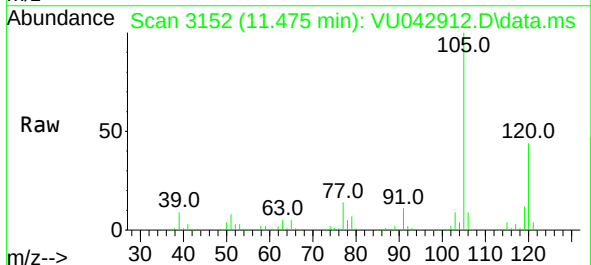
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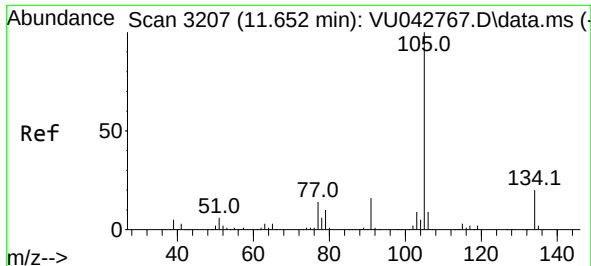
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#84
1,2,4-Trimethylbenzene
Concen: 35.10 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion:105 Resp: 203660
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





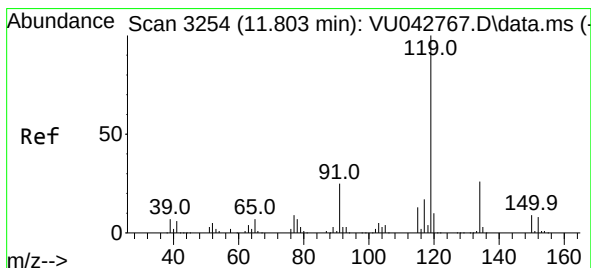
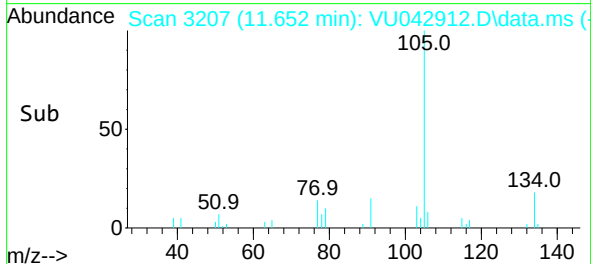
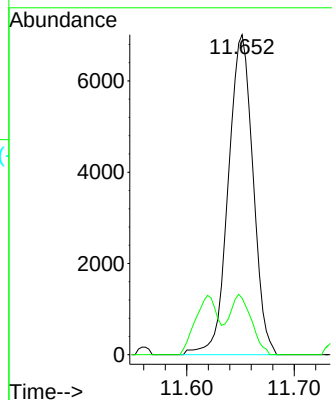
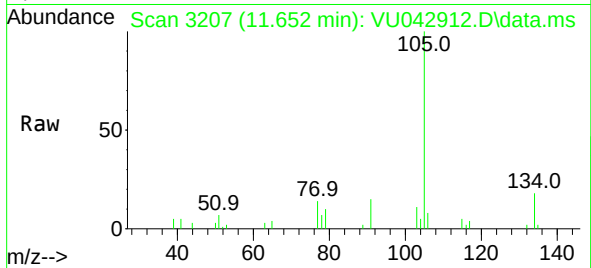
#85
 sec-Butylbenzene
 Concen: 1.72 ug/l
 RT: 11.652 min Scan# 3207
 Delta R.T. -0.000 min
 Lab File: VU042912.D
 Acq: 02 Apr 2021 21:44

Tgt Ion: 105 Resp: 11216
 Ion Ratio Lower Upper
 105 100
 134 16.0 9.8 29.5

Instrument :
 MSVOA_U
 ClientSampleId :
 BES-12SRDL

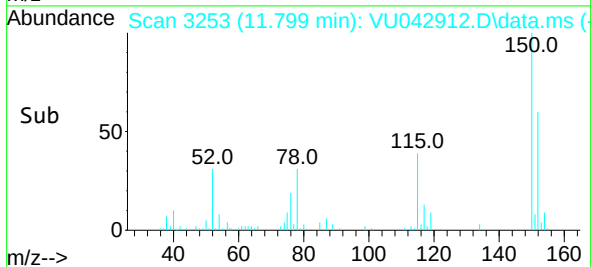
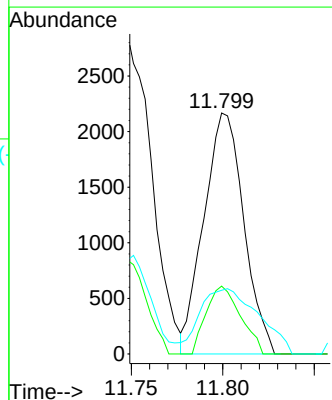
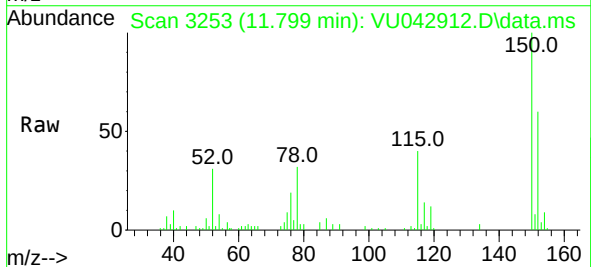
Manual Integrations
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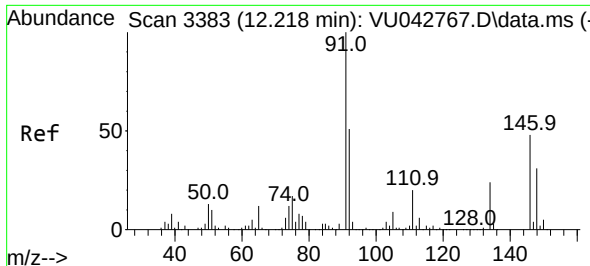
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#86
 p-Isopropyltoluene
 Concen: 0.55 ug/l m
 RT: 11.799 min Scan# 3253
 Delta R.T. -0.003 min
 Lab File: VU042912.D
 Acq: 02 Apr 2021 21:44

Tgt Ion: 119 Resp: 3293
 Ion Ratio Lower Upper
 119 100
 134 35.3 12.8 38.3
 91 39.5 12.6 37.8#





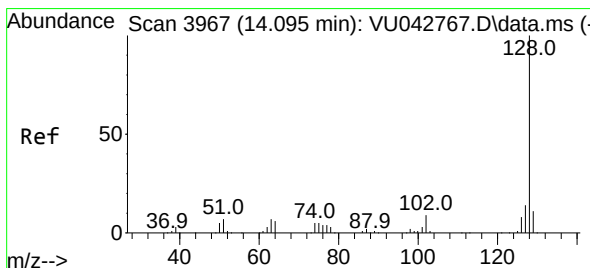
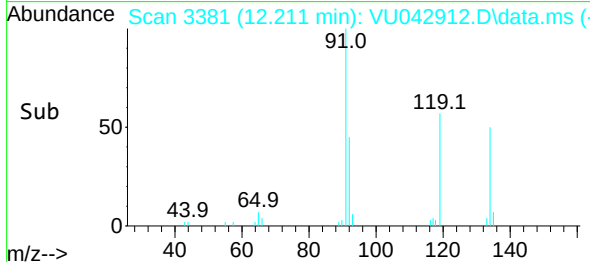
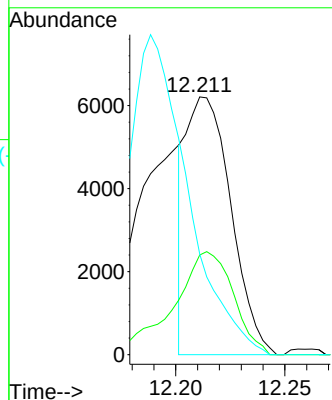
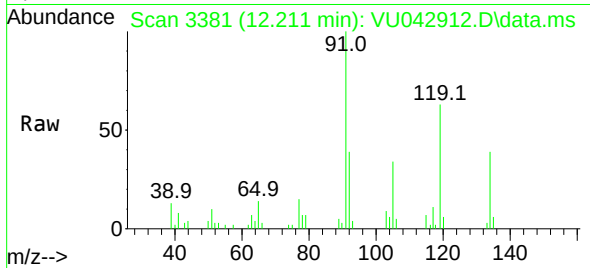
#89
n-Butylbenzene
Concen: 1.58 ug/l m
RT: 12.211 min Scan# 3381
Delta R.T. -0.007 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion: 91 Resp: 8887
Ion Ratio Lower Upper
91 100
92 53.7 25.7 77.1
134 0.0 12.1 36.3#

Instrument :
MSVOA_U
ClientSampleId :
BES-12SRDL

Manual Integrations
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#95
Naphthalene
Concen: 10.12 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042912.D
Acq: 02 Apr 2021 21:44

Tgt Ion:128 Resp: 56456
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 11.3 8.7 13.1

