

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042911.D
 Acq On : 02 Apr 2021 21:21
 Operator : SY/MD
 Sample : M1931-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BES-12SR

Manual Integrations
 APPROVED

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 4/5/2021 10:16:26 AM

Quant Time: Apr 03 00:17:29 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	5.385	168	118609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	187355	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	190180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	118606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	91797	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
35) Dibromofluoromethane	5.298	113	64798	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
50) Toluene-d8	7.906	98	251400	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	10.639	95	102966	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
Target Compounds					Qvalue	
17) Carbon Disulfide	2.803	76	3363	1.10	ug/l #	93
31) Cyclohexane	5.395	56	116482	49.48	ug/l	92
39) Methylcyclohexane	6.771	83	124785	58.79	ug/l	97
40) Benzene	5.784	78	1961	0.35	ug/l #	71
52) Toluene	7.976	92	2472	0.73	ug/l	90
67) Ethyl Benzene	9.578	91	895189	129.08	ug/l	99
68) m/p-Xylenes	9.703	106	404528	158.26	ug/l	99
69) o-Xylene	10.108	106	5630	2.28	ug/l	93
73) Isopropylbenzene	10.491	105	209346	27.89	ug/l	100
78) n-propylbenzene	10.912	91	799462	90.47	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	283620	43.55	ug/l	100
83) tert-Butylbenzene	11.427	119	4985m	0.79	ug/l	
84) 1,2,4-Trimethylbenzene	11.478	105	2291512	348.40	ug/l	99
85) sec-Butylbenzene	11.652	105	114941	15.58	ug/l	99
86) p-Isopropyltoluene	11.799	119	36810	5.45	ug/l	98
89) n-Butylbenzene	12.214	91	97296m	15.28	ug/l	
95) Naphthalene	14.095	128	530673	65.17	ug/l	98

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

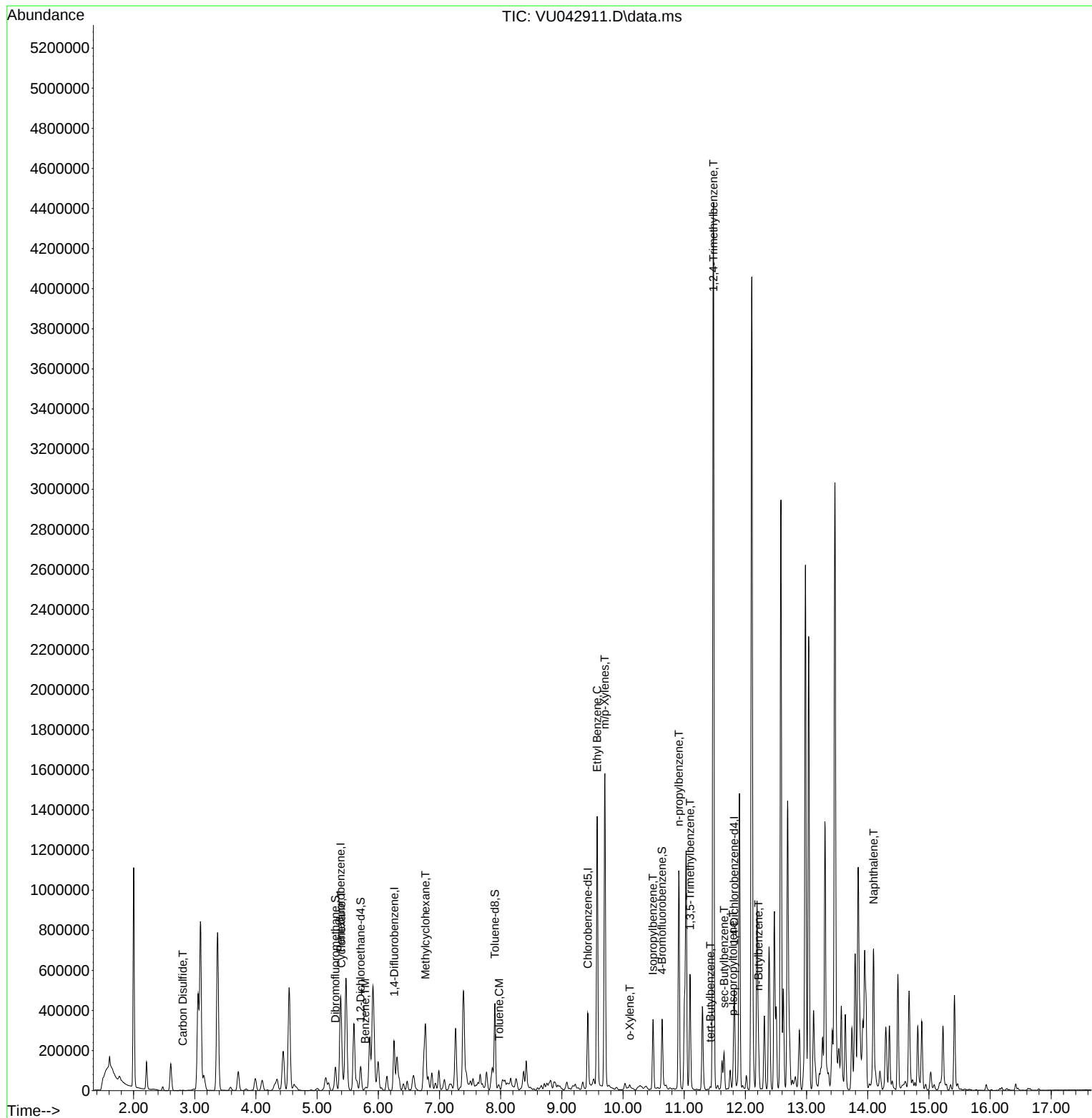
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Data File : VU042911.D
Acq On : 02 Apr 2021 21:21
Operator : SY/MD
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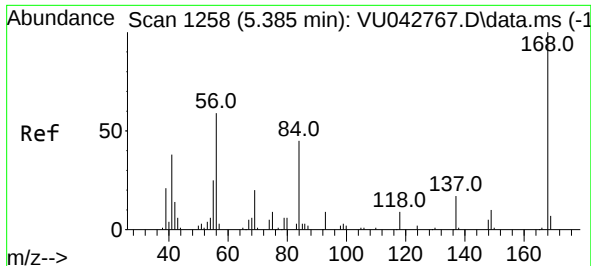
Instrument :
MSVOA_U
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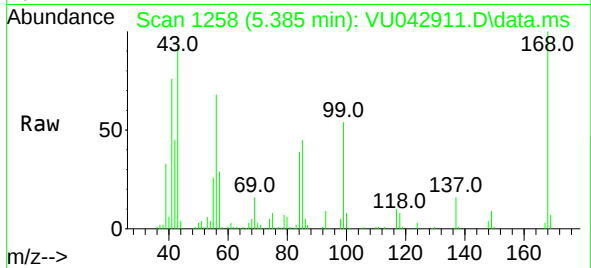
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Quant Time: Apr 03 00:17:29 2021
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Quant Title : SW846 8260
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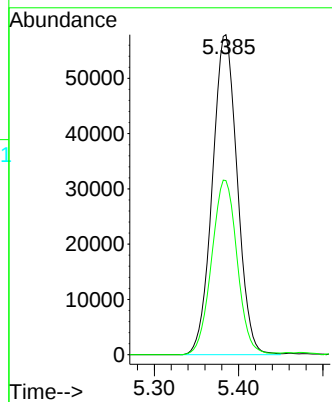
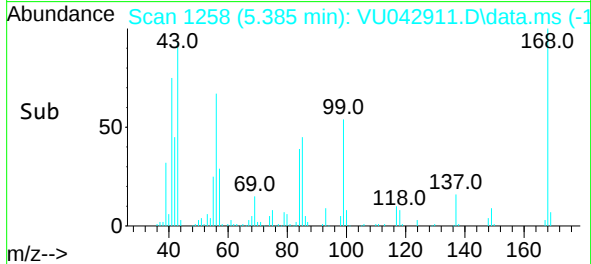




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21



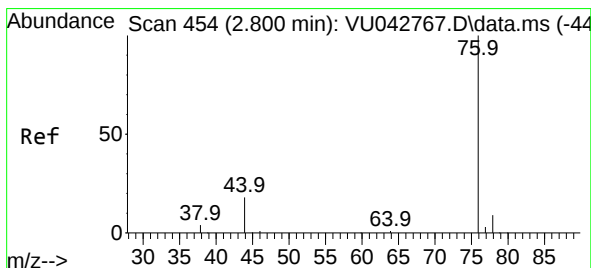
Tgt Ion: 168 Resp: 118609
Ion Ratio Lower Upper
168 100
99 54.4 46.4 69.6



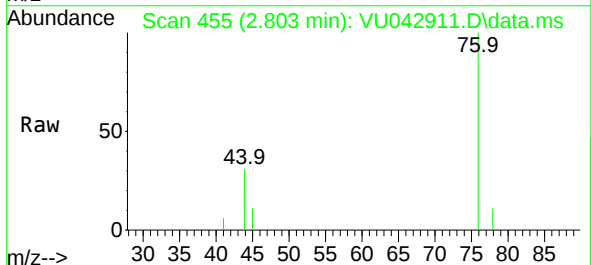
Instrument :
MSVOA_U
ClientSampleId :
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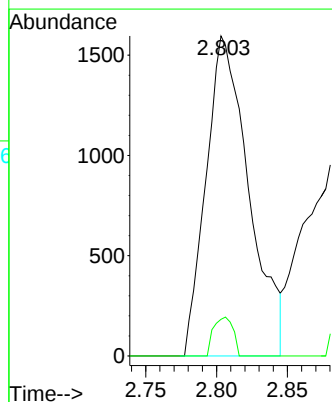
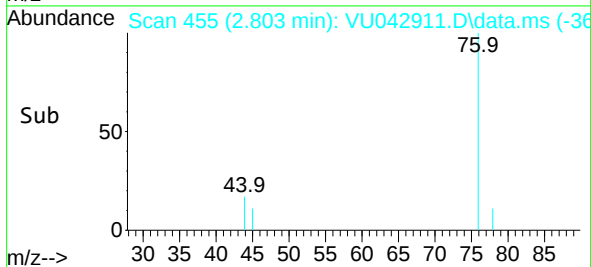
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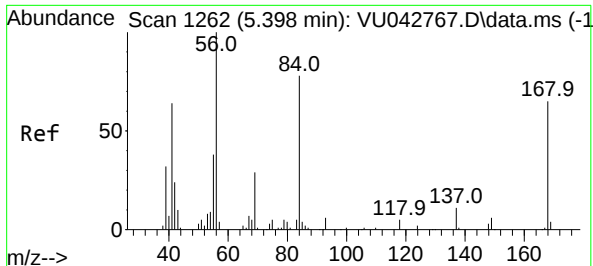


#17
Carbon Disulfide
Concen: 1.10 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21



Tgt Ion: 76 Resp: 3363
Ion Ratio Lower Upper
76 100
78 11.5 7.3 10.9#





#31

Cyclohexane

Concen: 49.48 ug/l

RT: 5.395 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU042911.D

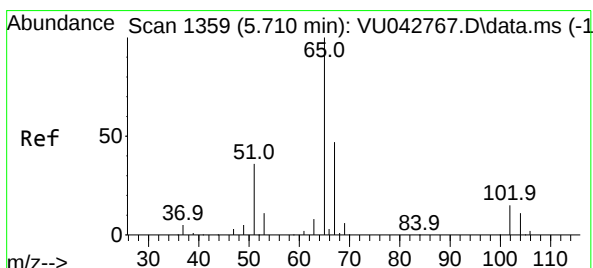
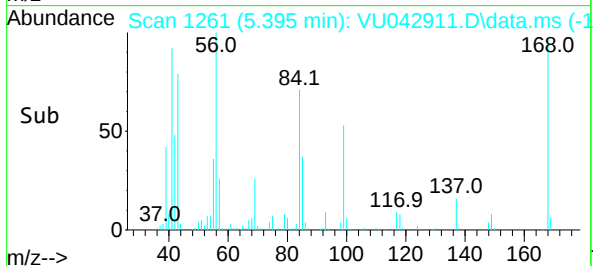
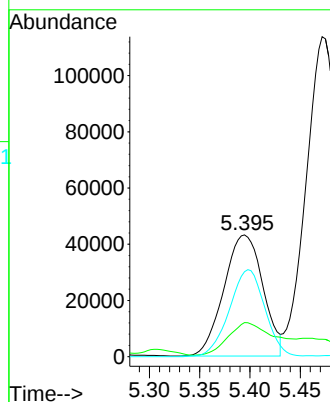
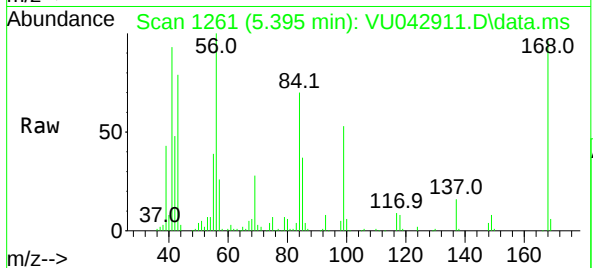
Acq: 02 Apr 2021 21:21

Tgt Ion:	56	Resp:	116482
Ion	Ratio	Lower	Upper
56	100		
69	25.1	23.3	34.9
84	70.1	62.2	93.4

Instrument :
MSVOA_U
ClientSampled :
BES-12SR

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#33

1,2-Dichloroethane-d4

Concen: 48.55 ug/l

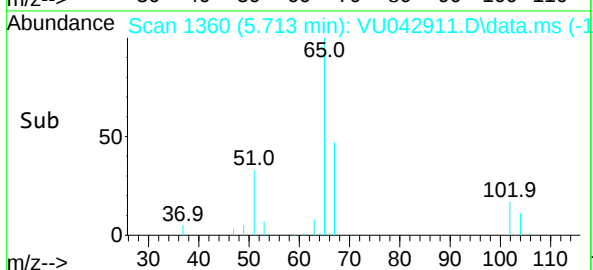
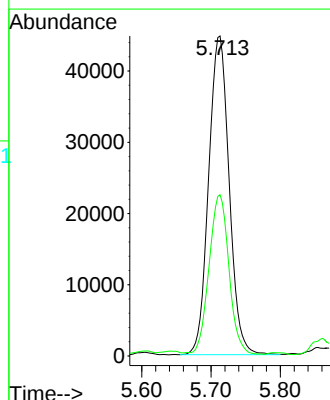
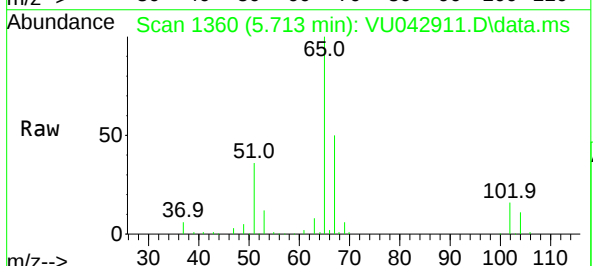
RT: 5.713 min Scan# 1360

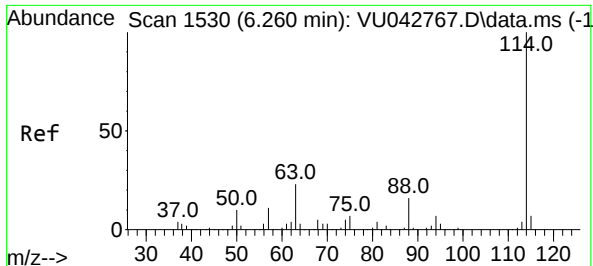
Delta R.T. 0.003 min

Lab File: VU042911.D

Acq: 02 Apr 2021 21:21

Tgt Ion:	65	Resp:	91797
Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	98.8





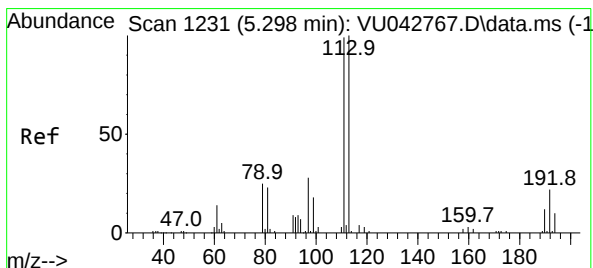
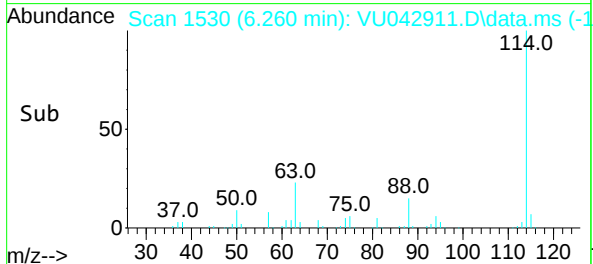
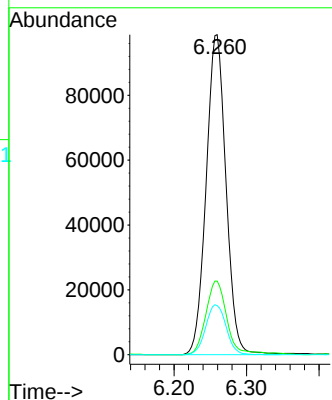
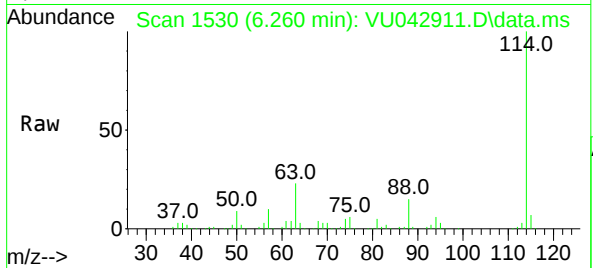
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion:114 Resp: 187355
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.8
88 15.4 0.0 32.2

Instrument :
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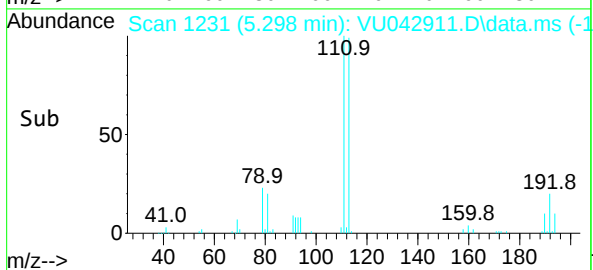
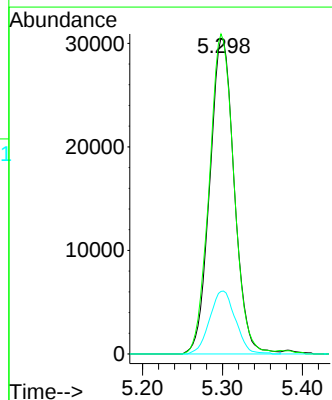
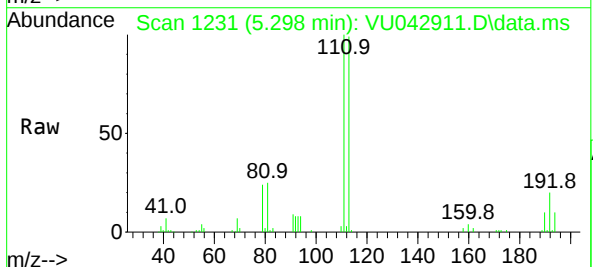
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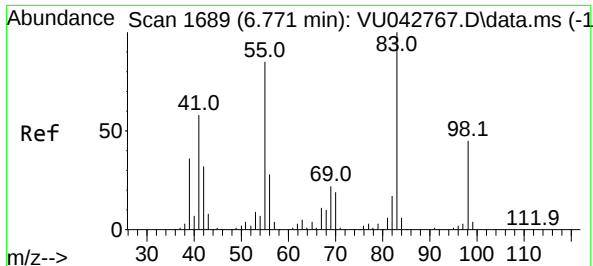
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#35
Dibromofluoromethane
Concen: 46.34 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion:113 Resp: 64798
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 21.0 17.6 26.4





#39

Methylcyclohexane

Concen: 58.79 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU042911.D

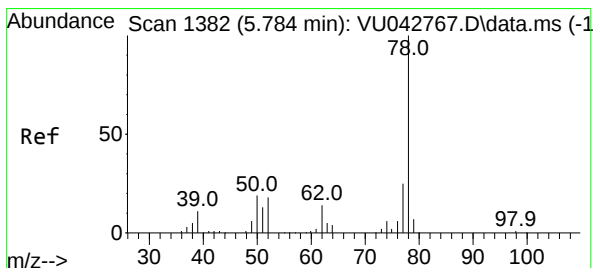
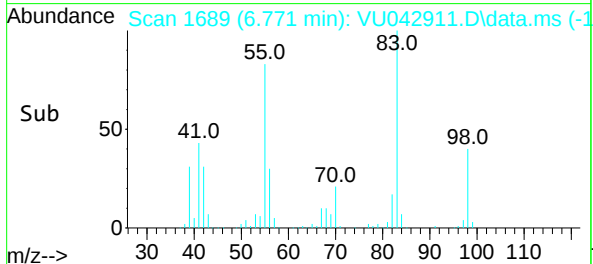
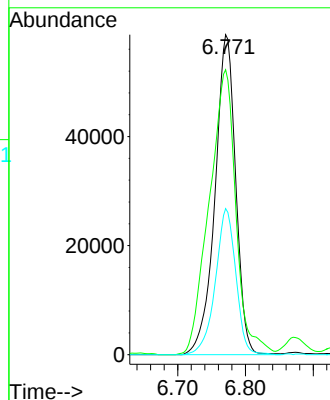
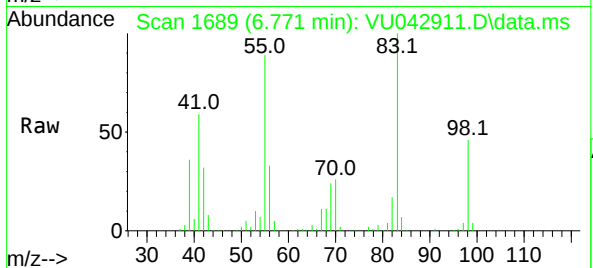
Acq: 02 Apr 2021 21:21

Tgt Ion:	83	Resp:	124785
Ion	Ratio	Lower	Upper
83	100		
55	88.7	68.2	102.4
98	45.6	36.3	54.5

Instrument :
MSVOA_U
ClientSampleId :
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#40

Benzene

Concen: 0.35 ug/l

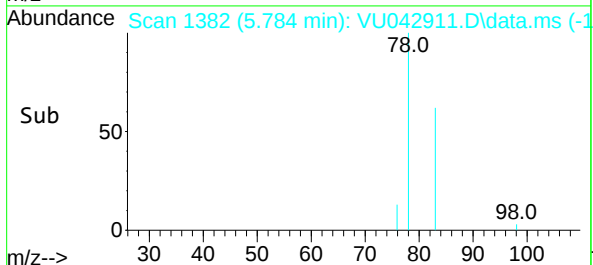
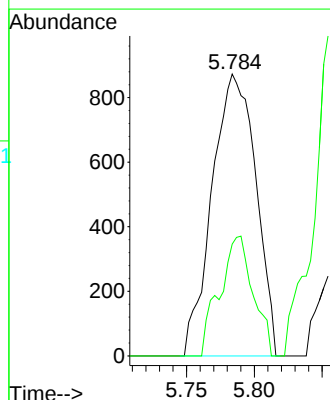
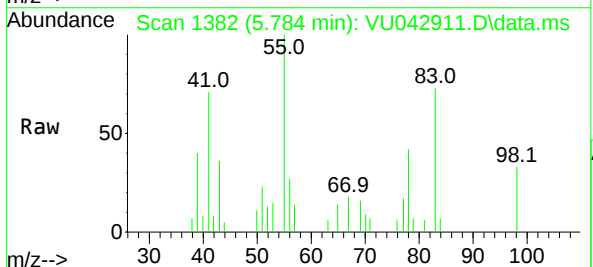
RT: 5.784 min Scan# 1382

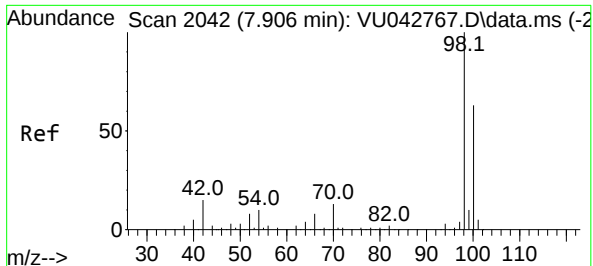
Delta R.T. -0.000 min

Lab File: VU042911.D

Acq: 02 Apr 2021 21:21

Tgt Ion:	78	Resp:	1961
Ion	Ratio	Lower	Upper
78	100		
77	39.6	19.9	29.9#





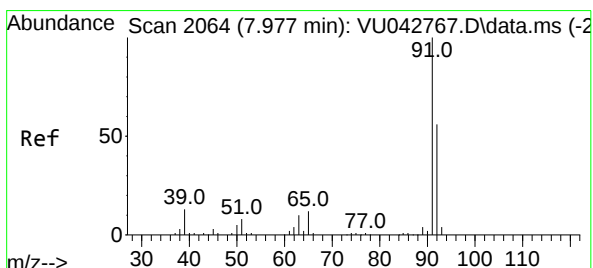
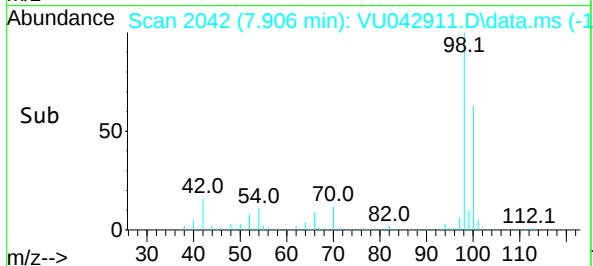
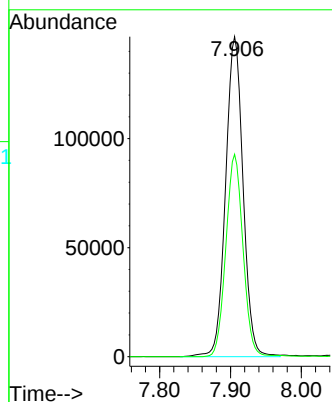
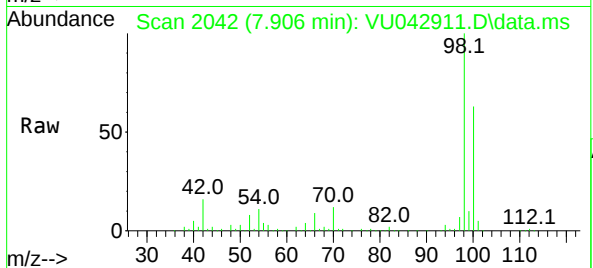
#50
Toluene-d8
Concen: 51.11 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion: 98 Resp: 251400
Ion Ratio Lower Upper
98 100
100 62.1 50.4 75.6

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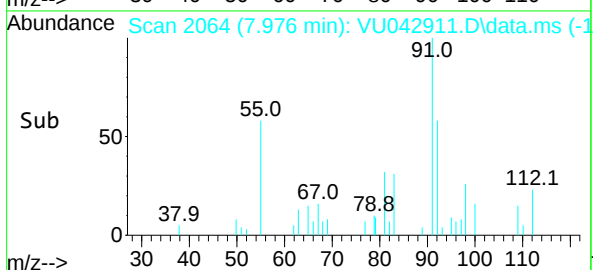
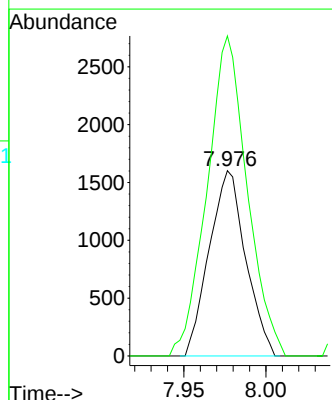
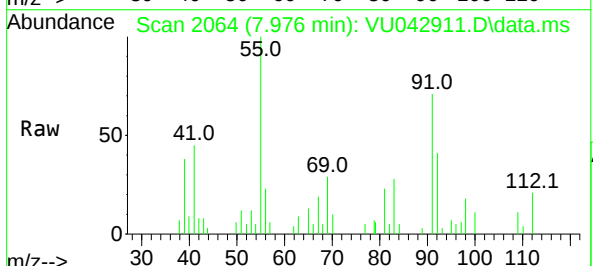
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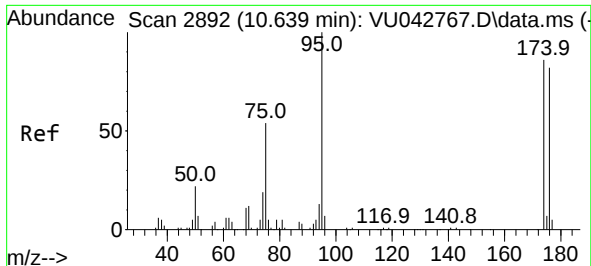
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#52
Toluene
Concen: 0.73 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

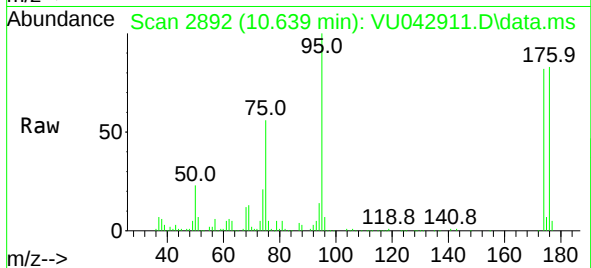
Tgt Ion: 92 Resp: 2472
Ion Ratio Lower Upper
92 100
91 189.6 140.6 210.8





#62
4-Bromofluorobenzene
Concen: 53.86 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

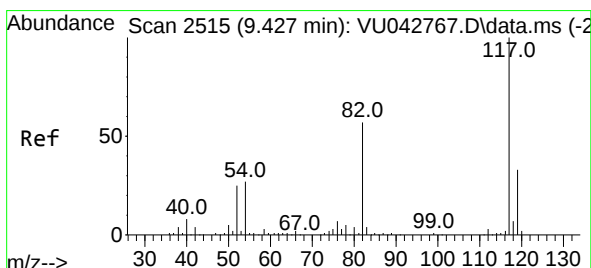
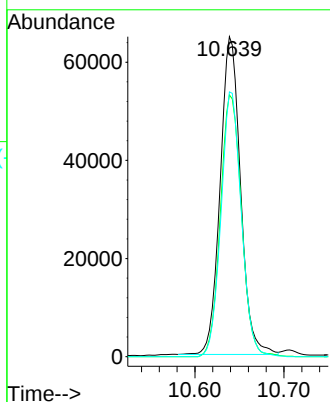
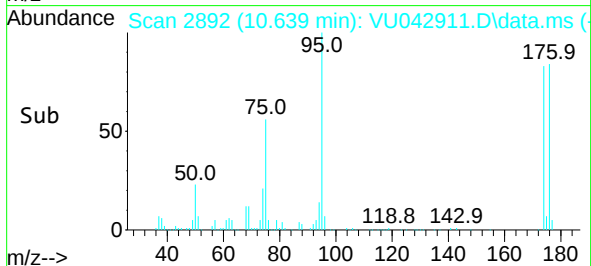
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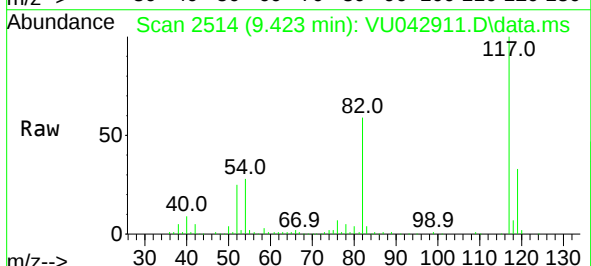
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Ion Ratio Lower Upper
95 100
174 85.0 0.0 175.2
176 83.2 0.0 167.4

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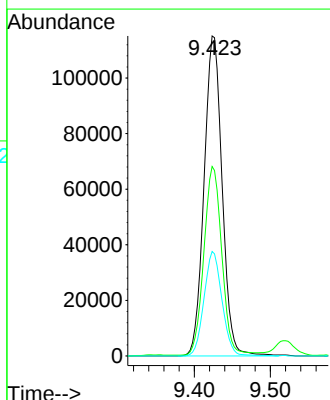
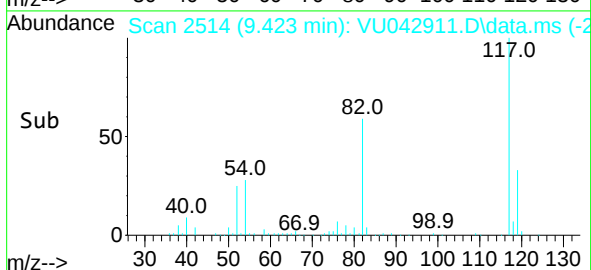
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4/5/2021 10:16:26 AM

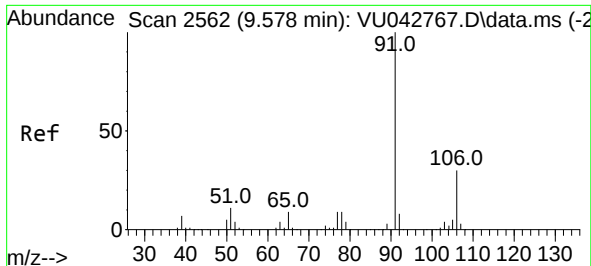


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21



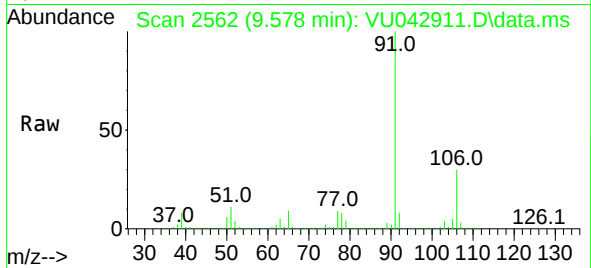
Tgt Ion: 117 Resp: 190180
Ion Ratio Lower Upper
117 100
82 58.9 45.5 68.3
119 32.7 26.2 39.4





#67
Ethyl Benzene
Concen: 129.08 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

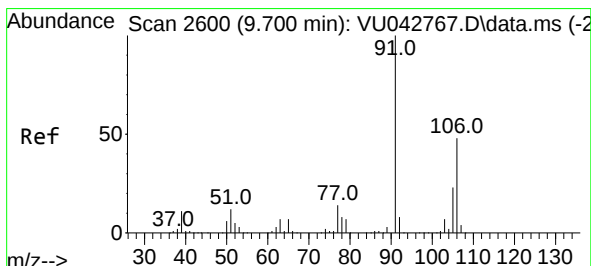
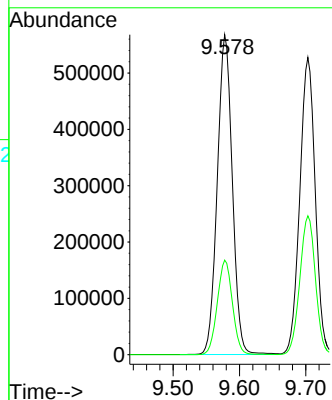
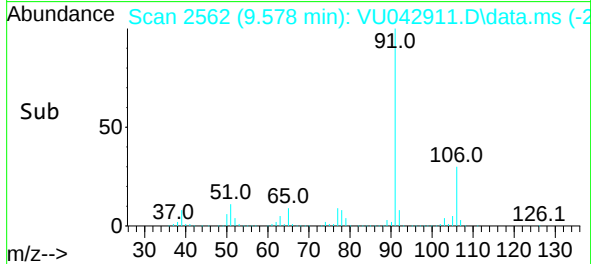
Instrument :
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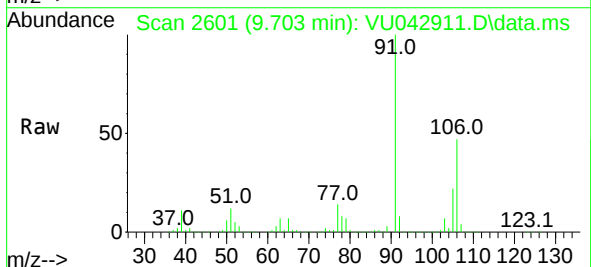
Tgt Ion: 91 Resp: 895189
Ion Ratio Lower Upper
91 100
106 29.5 24.1 36.1

Manual Integrations
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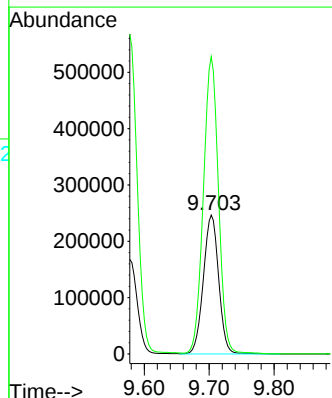
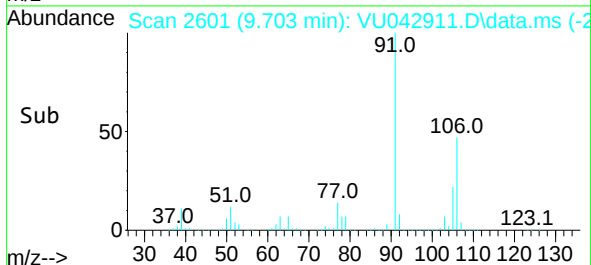
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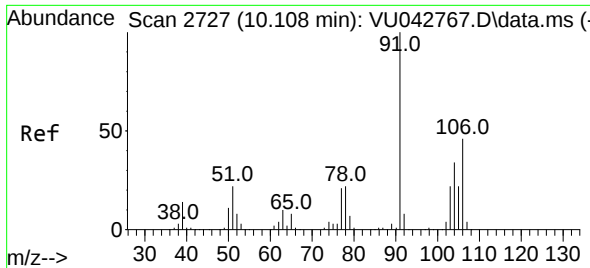


#68
m/p-Xylenes
Concen: 158.26 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21



Tgt Ion: 106 Resp: 404528
Ion Ratio Lower Upper
106 100
91 211.4 168.3 252.5





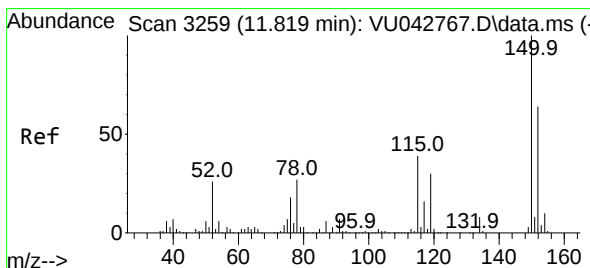
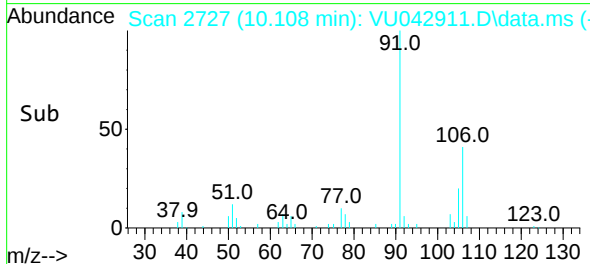
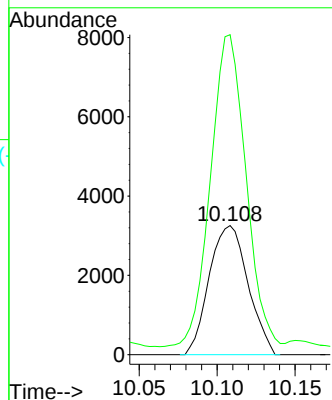
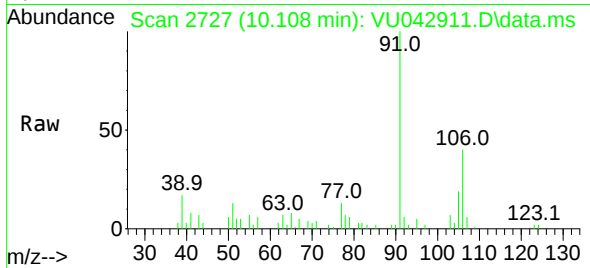
#69
o-Xylene
Concen: 2.28 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion:106 Resp: 5630
Ion Ratio Lower Upper
106 100
91 230.6 109.9 329.7

Instrument :
MSVOA_U
ClientSampled :
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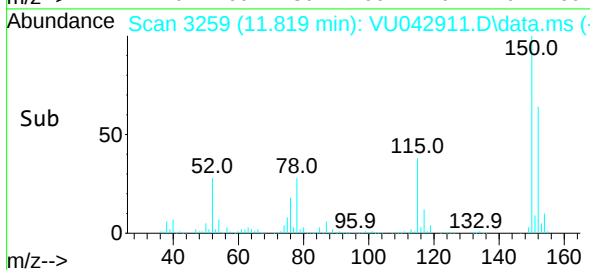
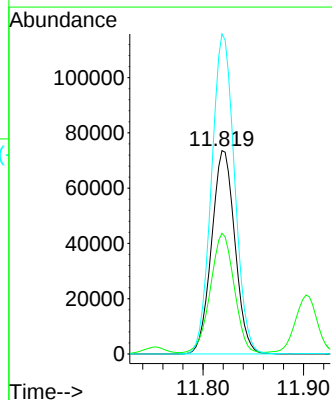
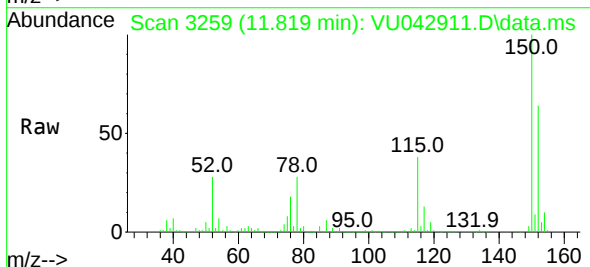
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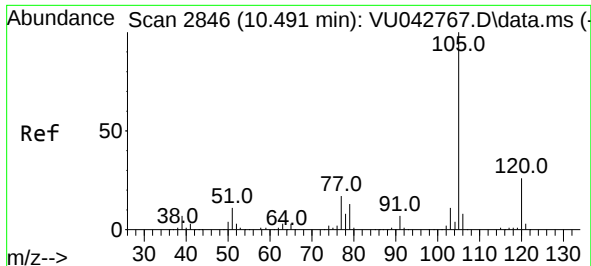
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion:152 Resp: 118606
Ion Ratio Lower Upper
152 100
115 59.3 41.0 123.0
150 155.5 0.0 341.0





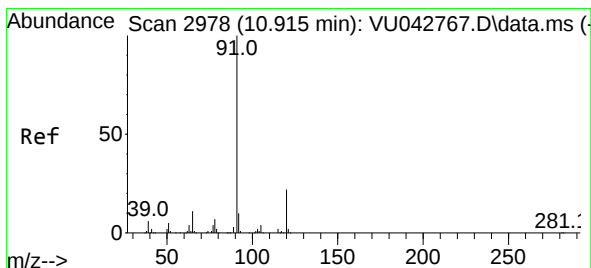
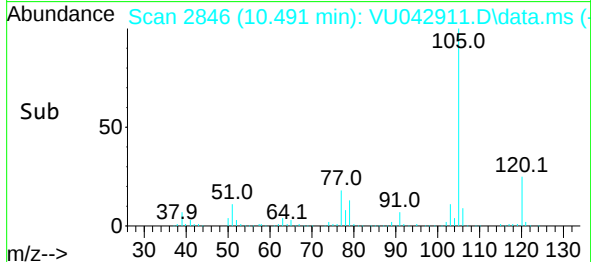
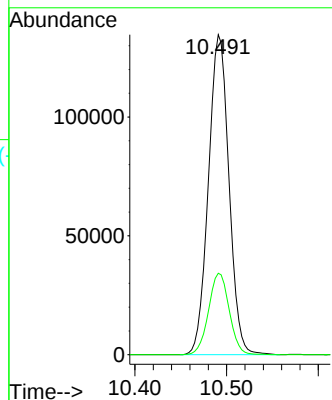
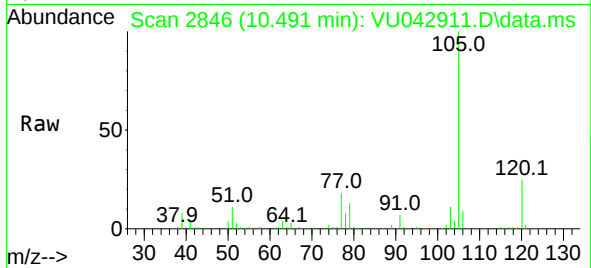
#73
Isopropylbenzene
Concen: 27.89 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion: 105 Resp: 209346
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Instrument :
MSVOA_U
ClientSampleId :
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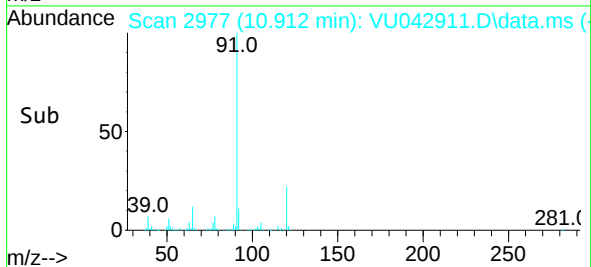
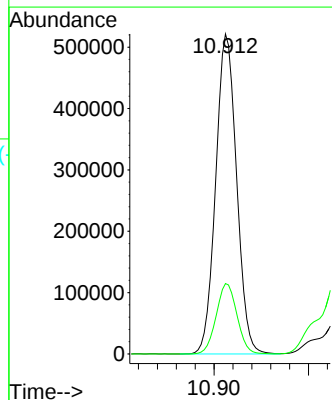
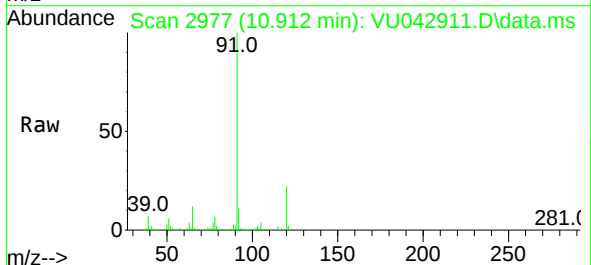
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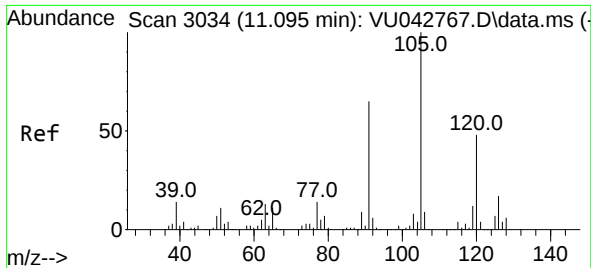
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#78
n-propylbenzene
Concen: 90.47 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion: 91 Resp: 799462
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.1





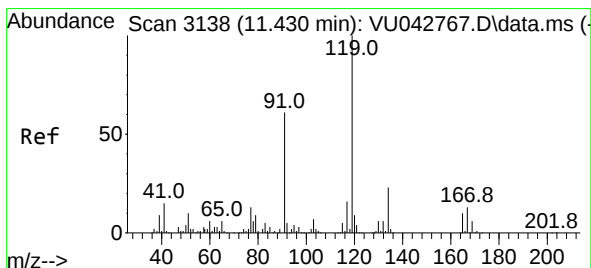
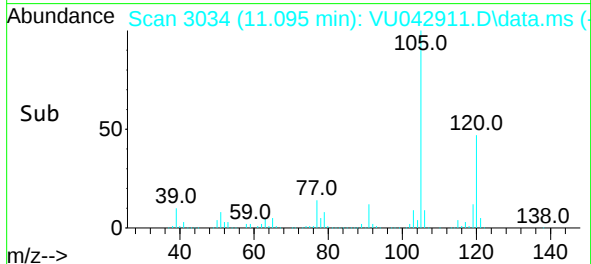
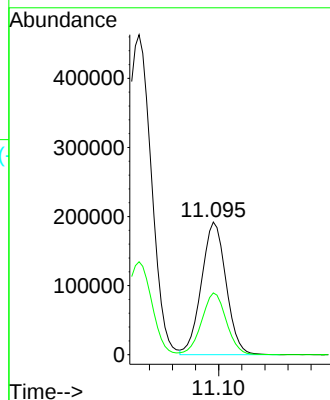
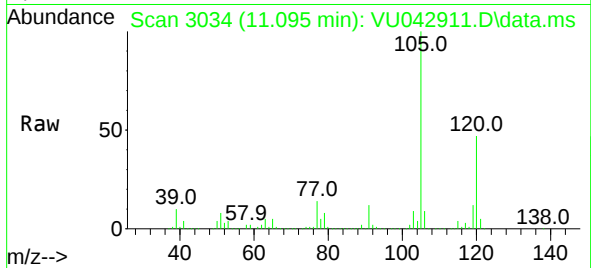
#80
1,3,5-Trimethylbenzene
Concen: 43.55 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion:105 Resp: 283620
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.2

Instrument :
MSVOA_U
ClientSampled :
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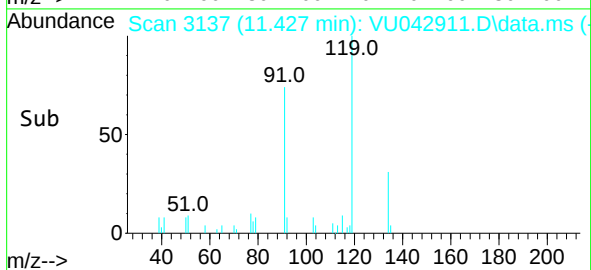
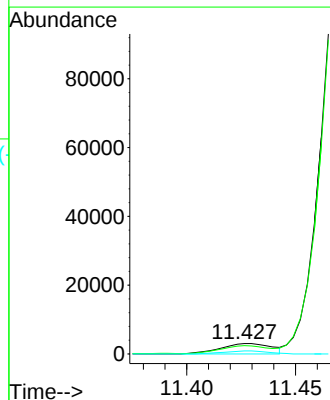
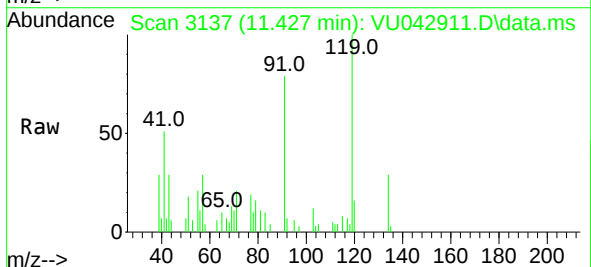
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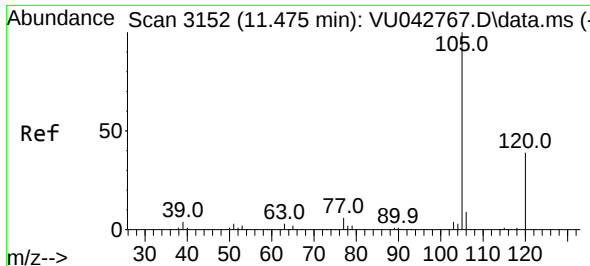
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#83
tert-Butylbenzene
Concen: 0.79 ug/l m
RT: 11.427 min Scan# 3137
Delta R.T. -0.003 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion:119 Resp: 4985
Ion Ratio Lower Upper
119 100
91 5221.2 30.1 90.3#
134 0.0 11.2 33.6#





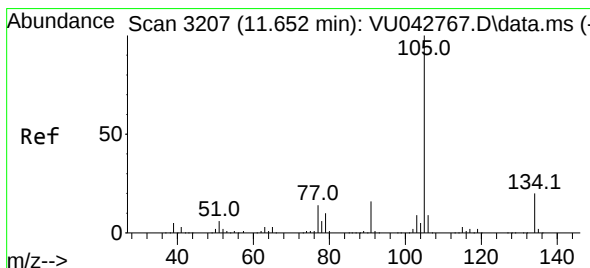
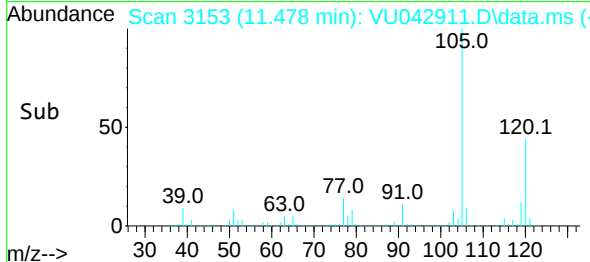
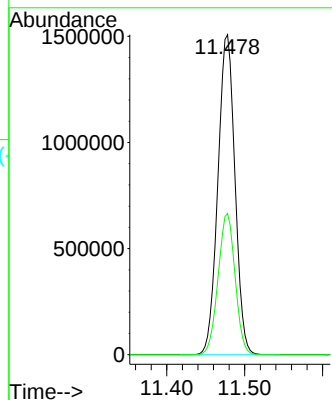
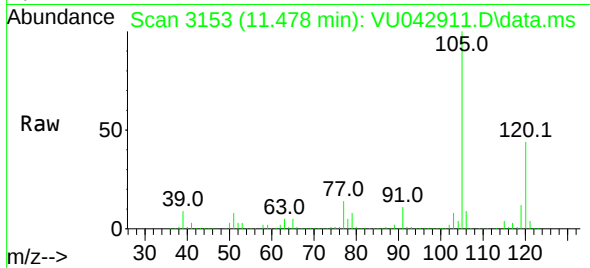
#84
1,2,4-Trimethylbenzene
Concen: 348.40 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion:105 Resp: 2291512
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8

Instrument :
MSVOA_U
ClientSampleId :
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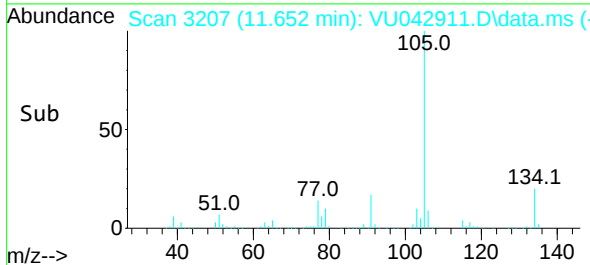
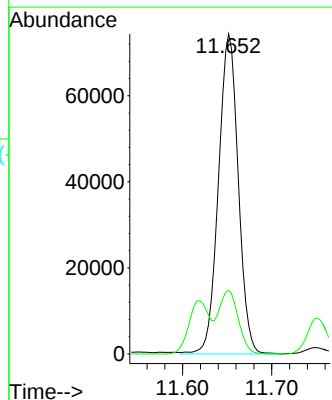
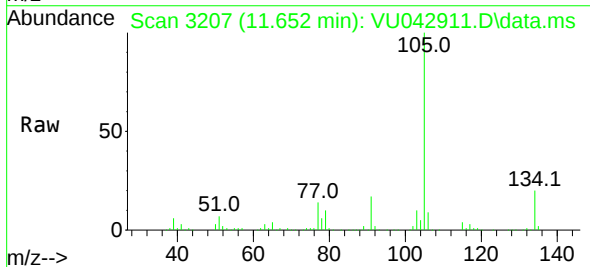
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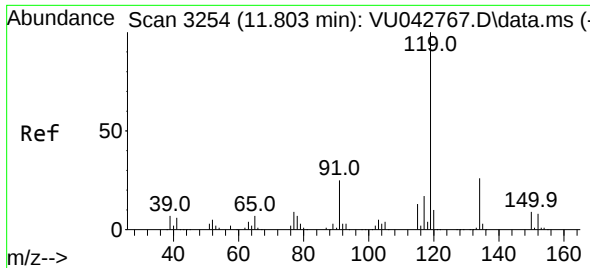
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#85
sec-Butylbenzene
Concen: 15.58 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion:105 Resp: 114941
Ion Ratio Lower Upper
105 100
134 19.1 9.8 29.5





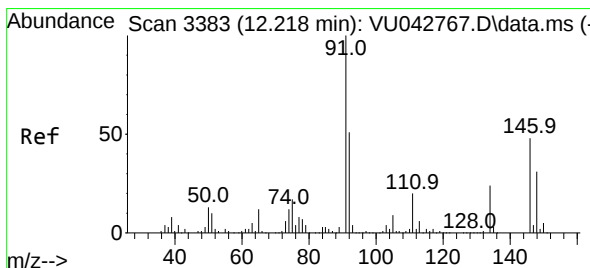
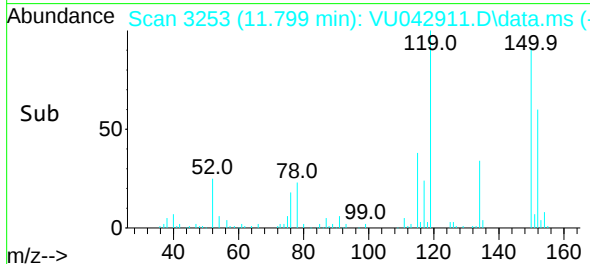
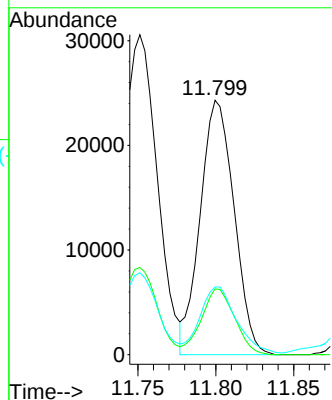
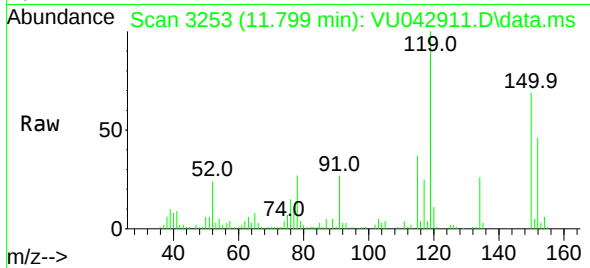
#86
p-Isopropyltoluene
Concen: 5.45 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion:	119	Resp:	36810
Ion Ratio	Lower	Upper	
119	100		
134	25.5	12.8	38.3
91	27.4	12.6	37.8

Instrument :
MSVOA_U
ClientSampleId :
BES-12SR

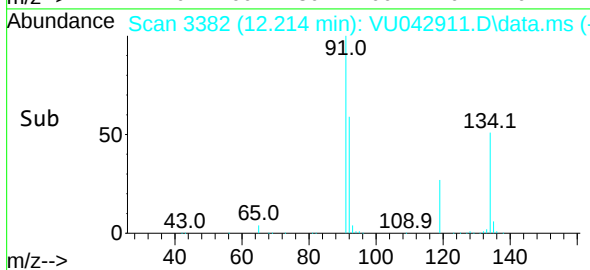
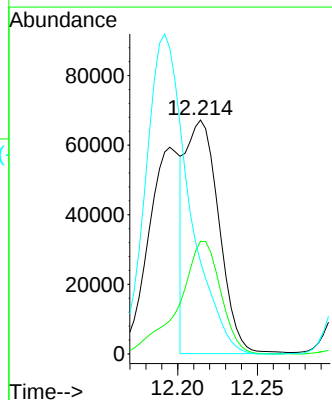
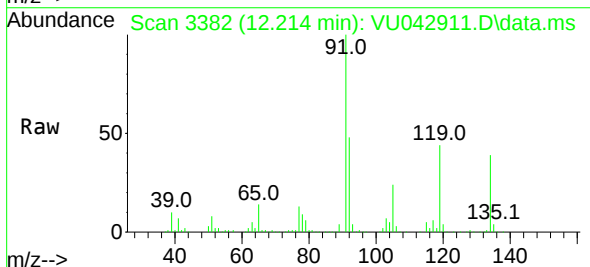
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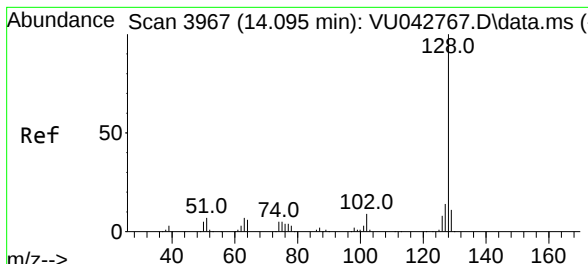
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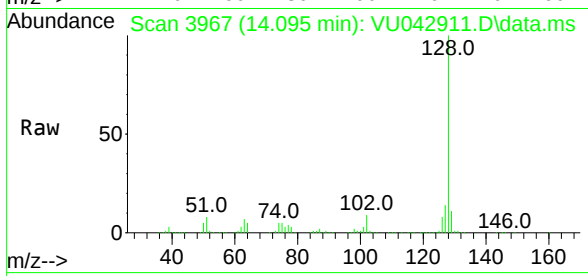
#89
n-Butylbenzene
Concen: 15.28 ug/l m
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21

Tgt Ion:	91	Resp:	97296
Ion Ratio	Lower	Upper	
91	100		
92	0.0	25.7	77.1#
134	177.1	12.1	36.3#

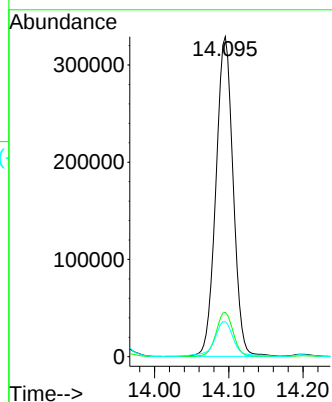
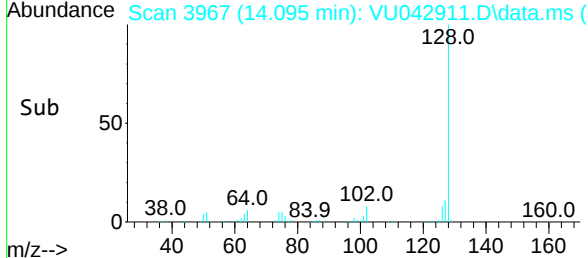




#95
Naphthalene
Concen: 65.17 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042911.D
Acq: 02 Apr 2021 21:21



Tgt Ion:128 Resp: 530673
Ion Ratio Lower Upper
128 100
127 13.9 10.9 16.3
129 12.3 8.7 13.1



Instrument :
MSVOA_U
ClientSampleId :
BES-12SR

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