

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042916.D
 Acq On : 02 Apr 2021 23:16
 Operator : SY/MD
 Sample : M1931-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Manual Integrations
 APPROVED

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 4/5/2021 10:16:17 AM

Quant Time: Apr 03 00:19:07 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	119991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	190428	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	189852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	106752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	92808	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.298	113	65682	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
50) Toluene-d8	7.906	98	251197	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	10.639	95	96566	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
Target Compounds					Qvalue	
16) Acetone	2.626	43	17042m	4.39	ug/l	
17) Carbon Disulfide	2.803	76	1196	0.39	ug/l #	82
25) 2-Butanone	4.716	43	22423	14.40	ug/l	95
31) Cyclohexane	5.395	56	88821	37.30	ug/l #	90
39) Methylcyclohexane	6.771	83	148392	68.78	ug/l	96
52) Toluene	7.976	92	3811	1.11	ug/l	98
59) 2-Hexanone	8.694	43	5136	2.10	ug/l	94
67) Ethyl Benzene	9.578	91	77574	11.20	ug/l	100
68) m/p-Xylenes	9.703	106	3697	1.45	ug/l	78
73) Isopropylbenzene	10.491	105	299248	44.29	ug/l	99
78) n-propylbenzene	10.912	91	1635569	205.65	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	20816m	3.55	ug/l	
83) tert-Butylbenzene	11.427	119	5158	0.90	ug/l #	41
84) 1,2,4-Trimethylbenzene	11.475	105	100443	16.97	ug/l	99
85) sec-Butylbenzene	11.652	105	198692	29.93	ug/l	97
86) p-Isopropyltoluene	11.799	119	10094m	1.66	ug/l	
89) n-Butylbenzene	12.214	91	151845m	26.49	ug/l	
95) Naphthalene	14.092	128	93987	14.89	ug/l #	94

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

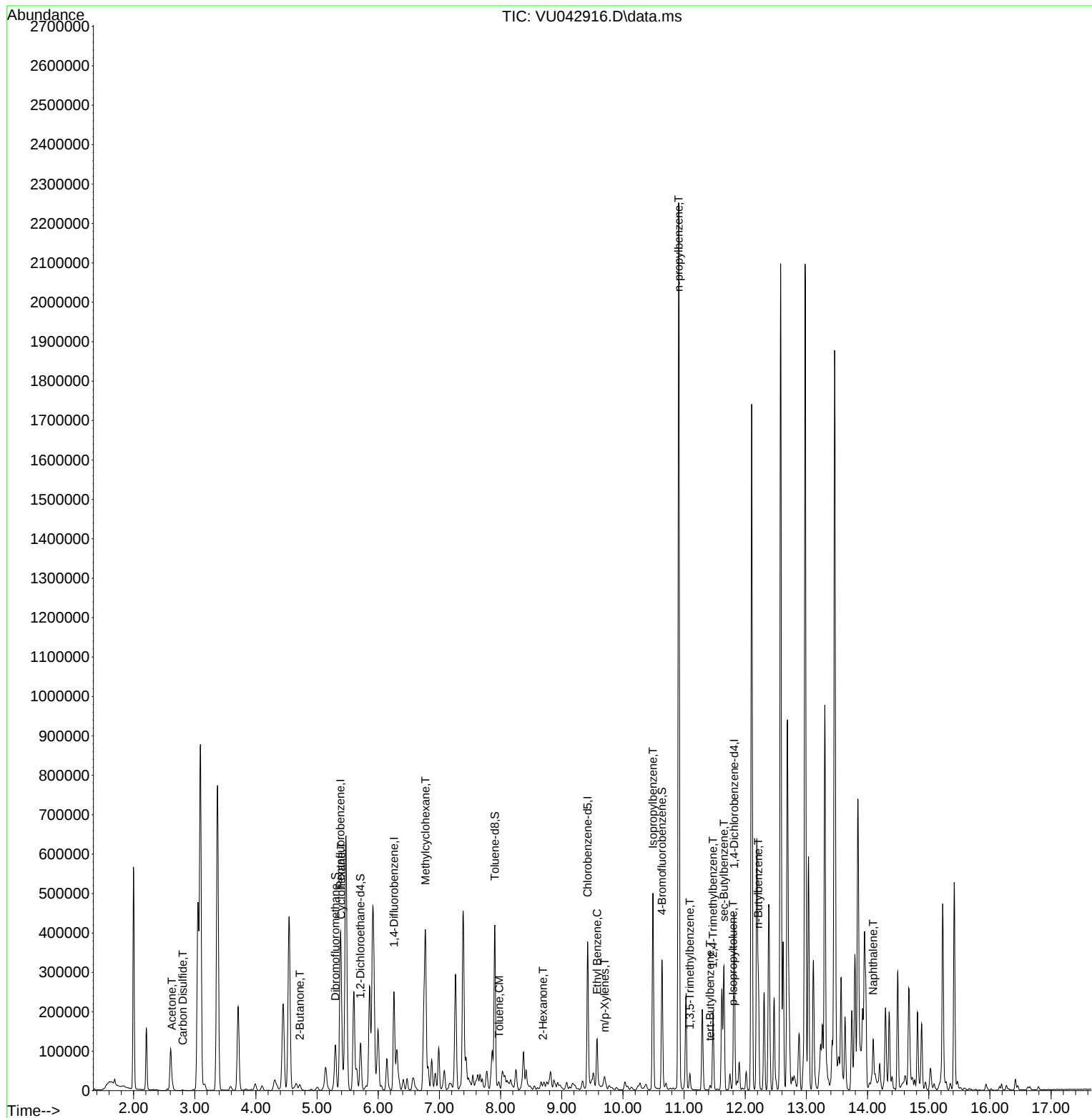
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
Data File : VU042916.D
Acq On : 02 Apr 2021 23:16
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

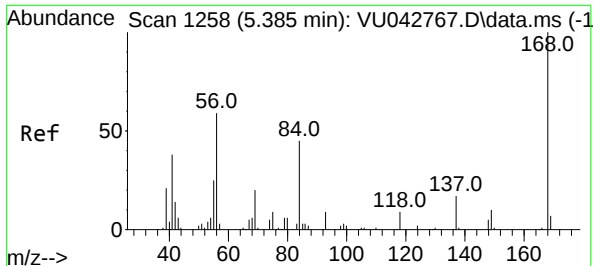
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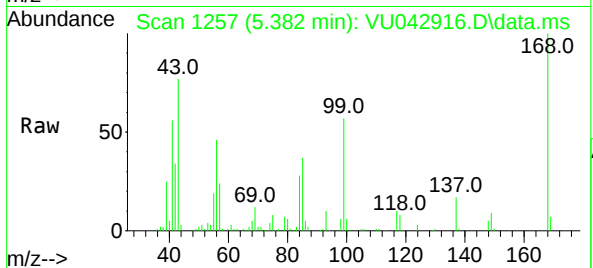
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

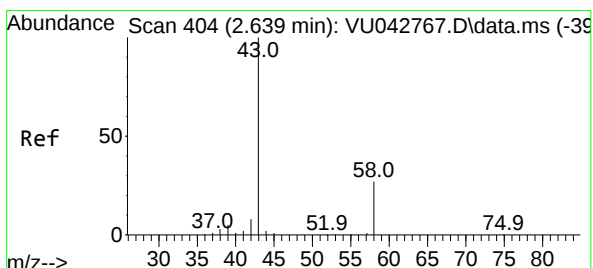
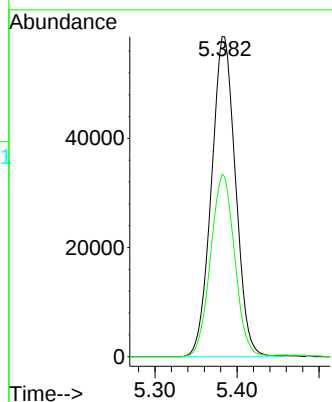
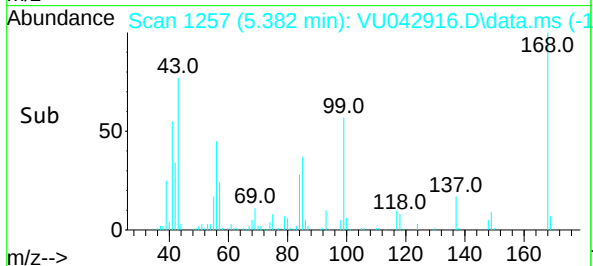
Instrument :
MSVOA_U
ClientSampled :
MW-5



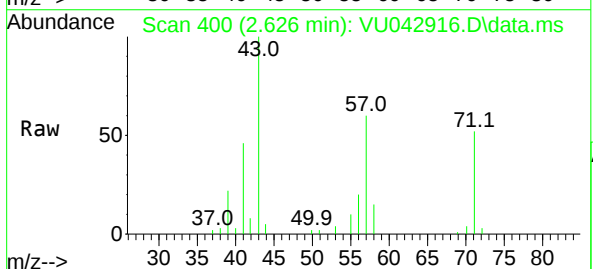
Tgt Ion:168 Resp: 119991
Ion Ratio Lower Upper
168 100
99 57.0 46.4 69.6

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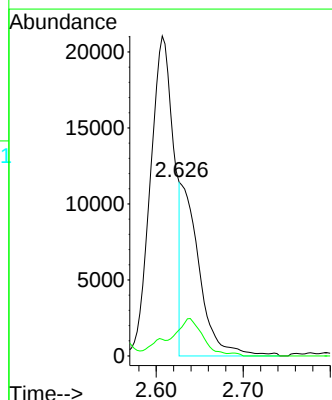
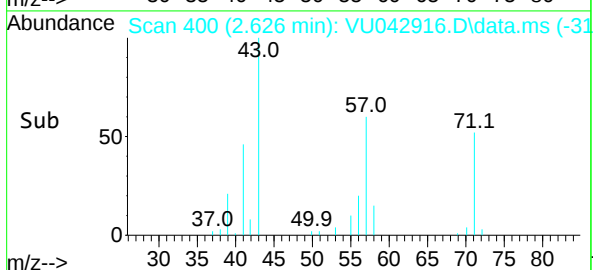
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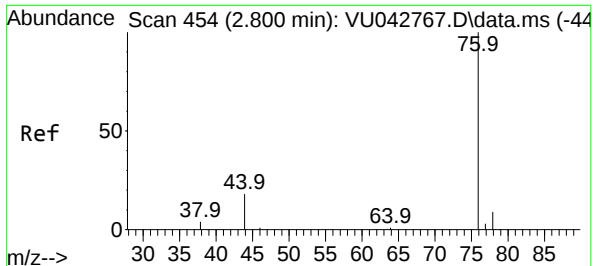


#16
Acetone
Concen: 4.39 ug/l m
RT: 2.626 min Scan# 400
Delta R.T. -0.013 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



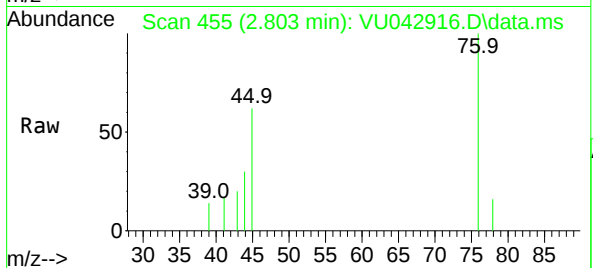
Tgt Ion: 43 Resp: 17042
Ion Ratio Lower Upper
43 100
58 15.0 21.6 32.4#





#17
Carbon Disulfide
Concen: 0.39 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

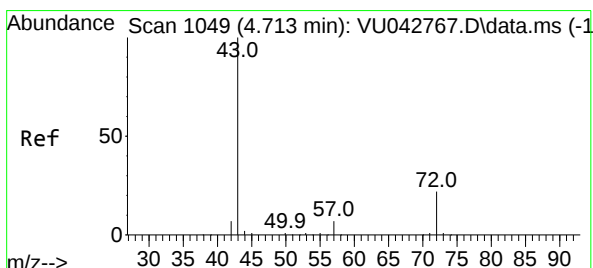
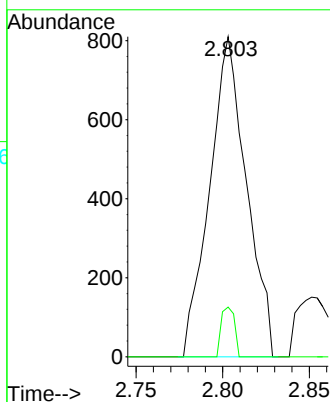
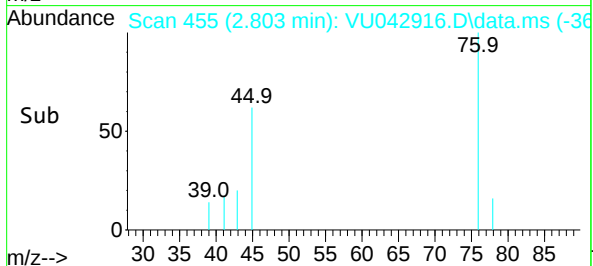
Instrument :
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ClientSampled :
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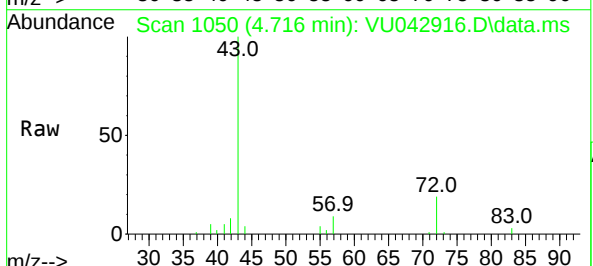
Tgt Ion: 76 Resp: 1196
Ion Ratio Lower Upper
76 100
78 15.6 7.3 10.9#

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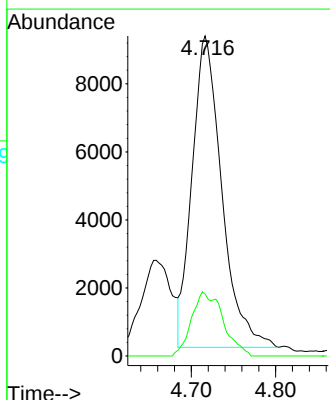
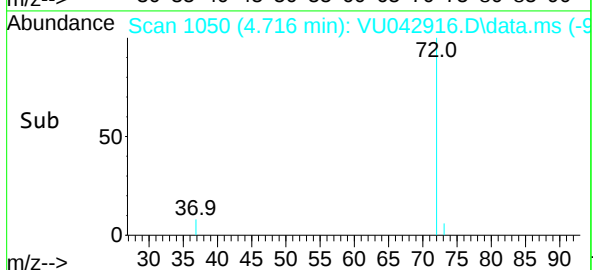
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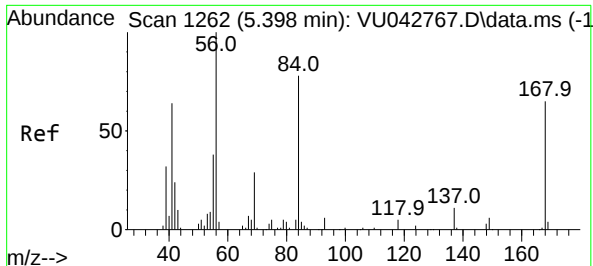


#25
2-Butanone
Concen: 14.40 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

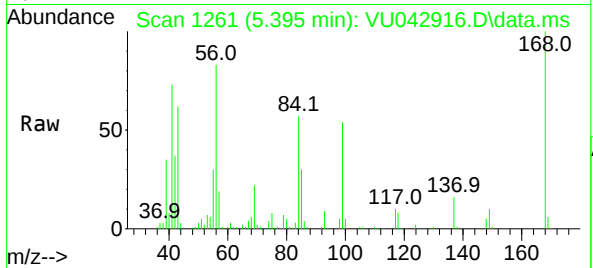


Tgt Ion: 43 Resp: 22423
Ion Ratio Lower Upper
43 100
72 19.9 17.7 26.5

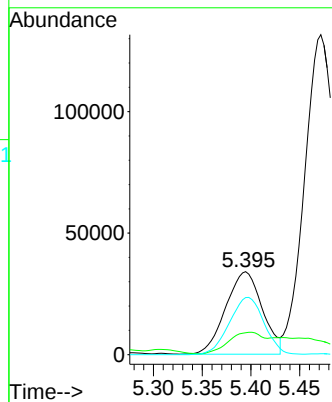
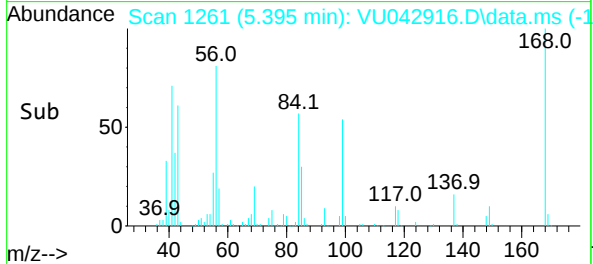




#31
Cyclohexane
Concen: 37.30 ug/l
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



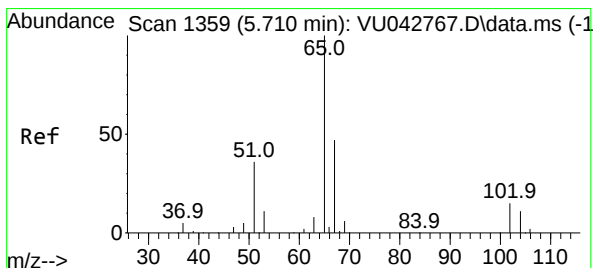
Tgt Ion: 56 Resp: 88821
Ion Ratio Lower Upper
56 100
69 23.0 23.3 34.9#
84 69.3 62.2 93.4



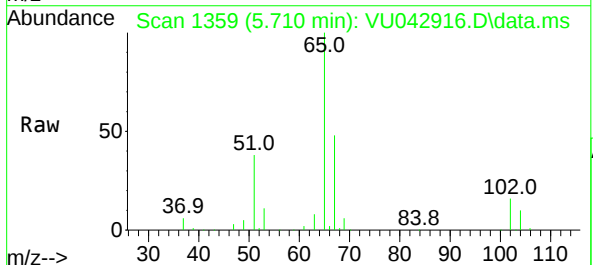
Instrument :
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ClientSampleId :
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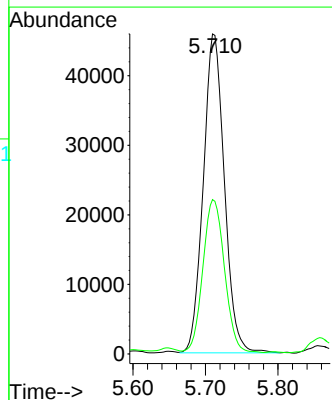
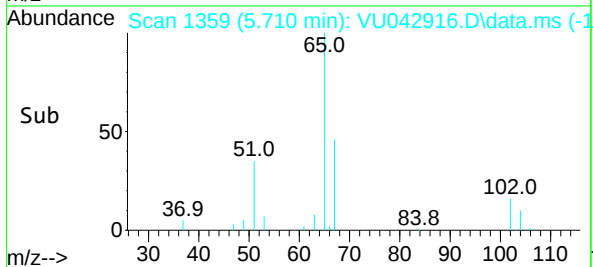
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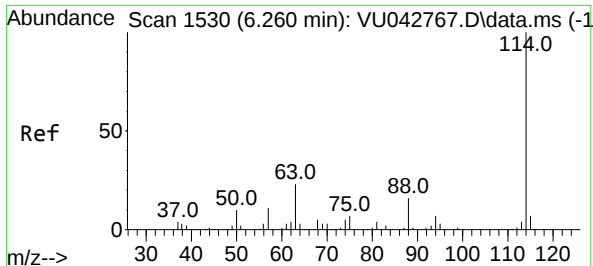


#33
1,2-Dichloroethane-d4
Concen: 48.52 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

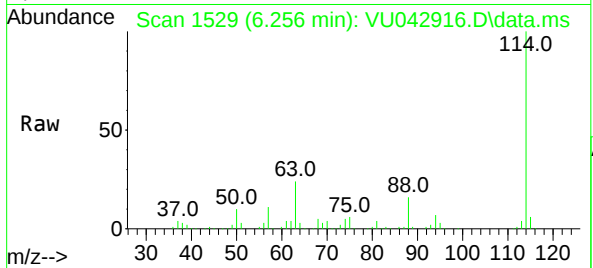


Tgt Ion: 65 Resp: 92808
Ion Ratio Lower Upper
65 100
67 48.9 0.0 98.8

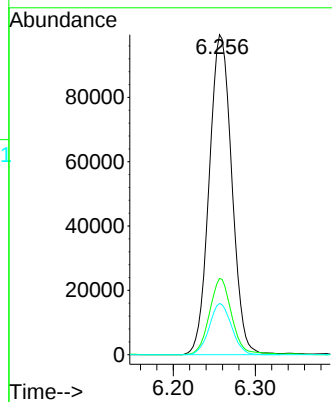
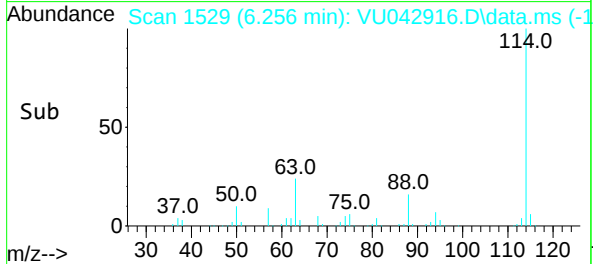




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



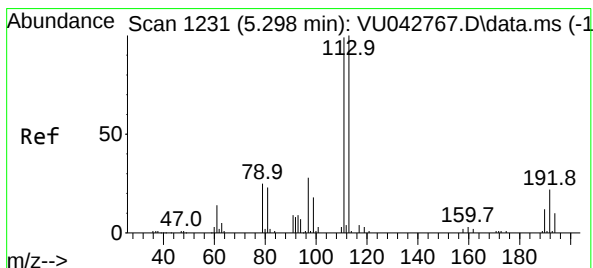
Tgt Ion:114 Resp: 190428
Ion Ratio Lower Upper
114 100
63 23.8 0.0 46.8
88 16.0 0.0 32.2



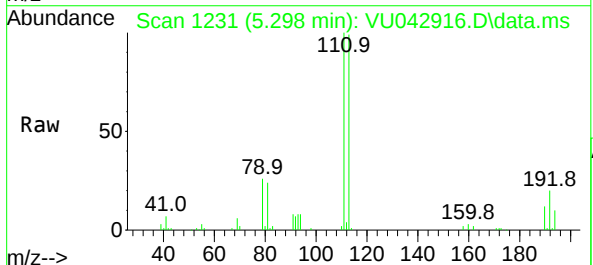
Instrument :
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ClientSampled :
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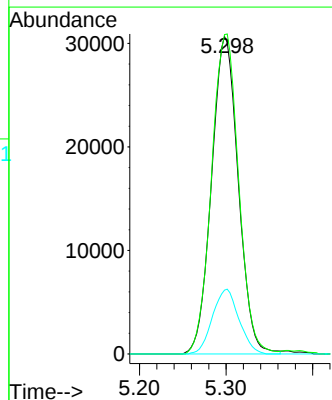
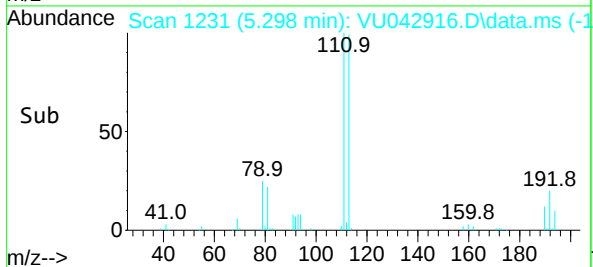
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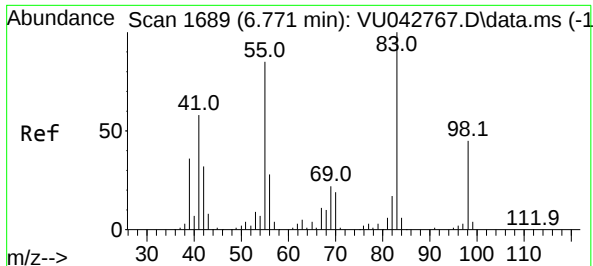


#35
Dibromofluoromethane
Concen: 46.22 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



Tgt Ion:113 Resp: 65682
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 20.2 17.6 26.4





#39

Methylcyclohexane

Concen: 68.78 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU042916.D

Acq: 02 Apr 2021 23:16

Tgt Ion:	83	Resp:	148392
Ion	Ratio	Lower	Upper
83	100		
55	90.2	68.2	102.4
98	45.7	36.3	54.5

Instrument :

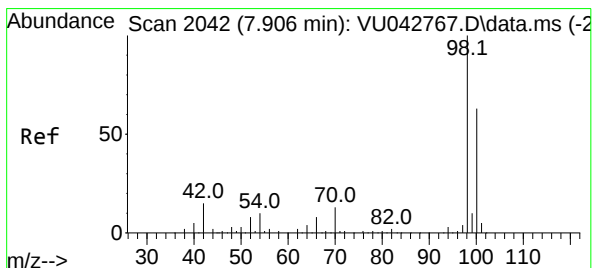
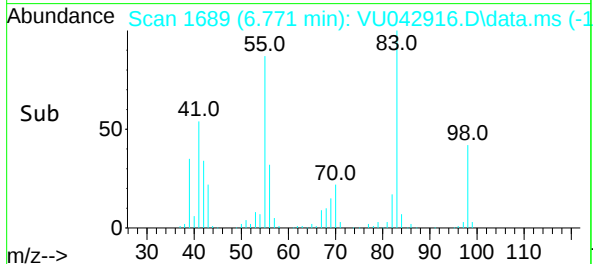
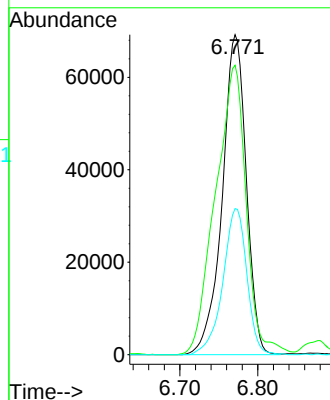
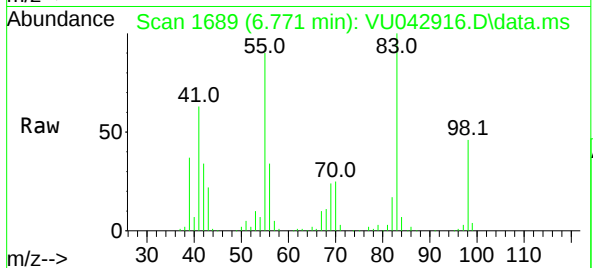
MSVOA_U

ClientSampled :

MW-5

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#50

Toluene-d8

Concen: 50.24 ug/l

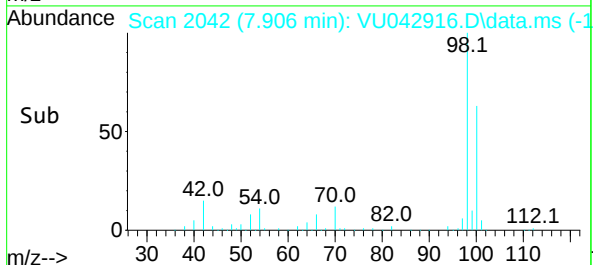
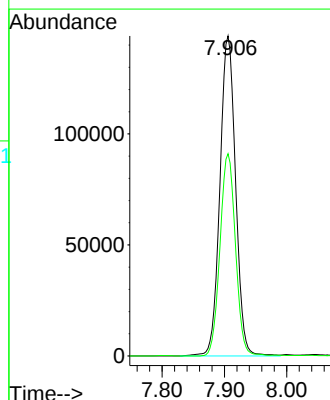
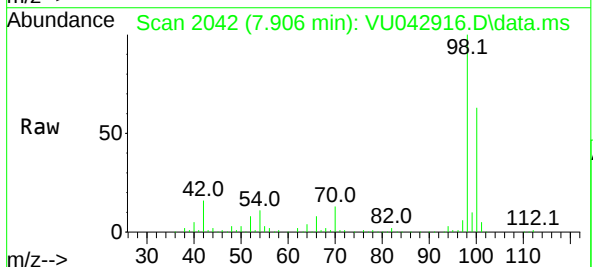
RT: 7.906 min Scan# 2042

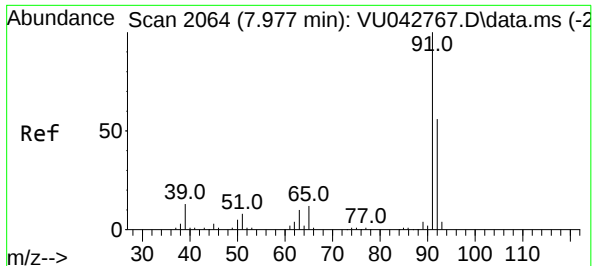
Delta R.T. -0.000 min

Lab File: VU042916.D

Acq: 02 Apr 2021 23:16

Tgt Ion:	98	Resp:	251197
Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.4	75.6





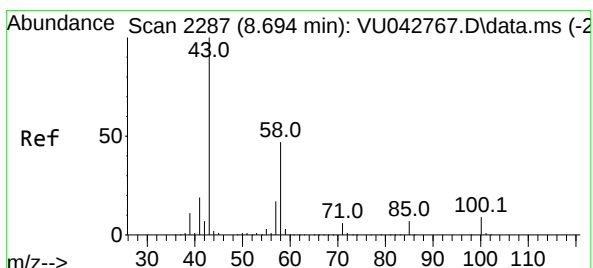
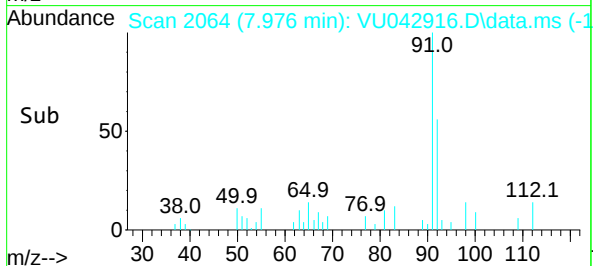
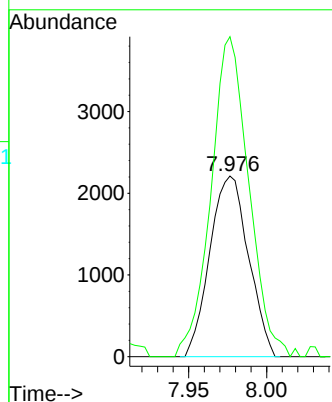
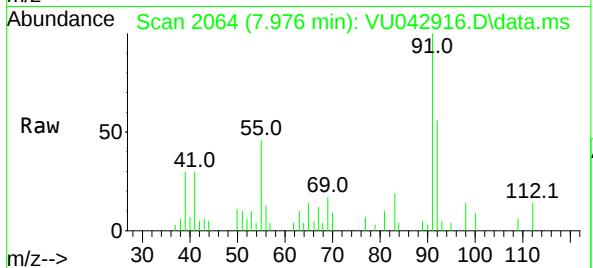
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Toluene
Concen: 1.11 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

Tgt Ion: 92 Resp: 3811
Ion Ratio Lower Upper
92 100
91 173.6 140.6 210.8

Instrument :
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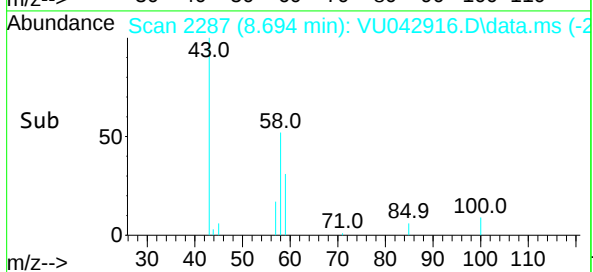
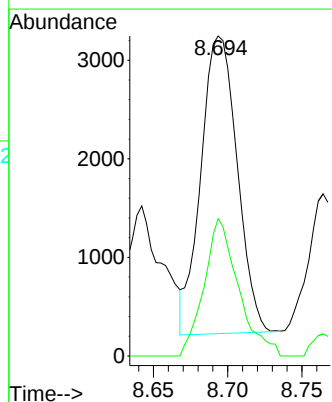
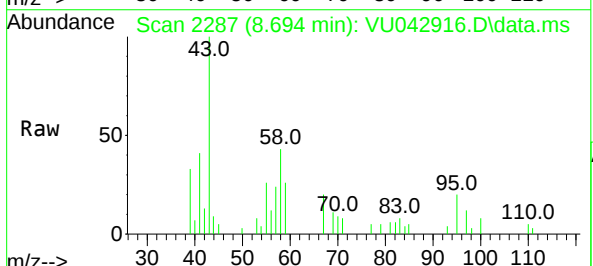
Manual Integrations
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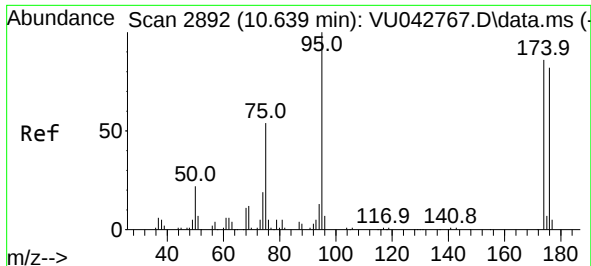
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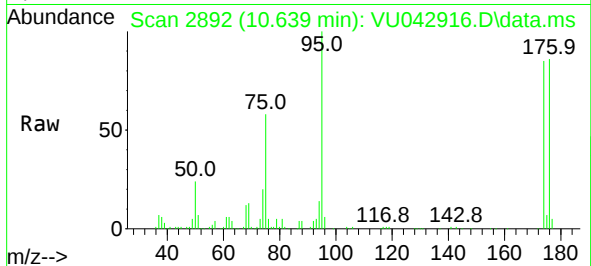
#59
2-Hexanone
Concen: 2.10 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

Tgt Ion: 43 Resp: 5136
Ion Ratio Lower Upper
43 100
58 43.5 23.8 71.2

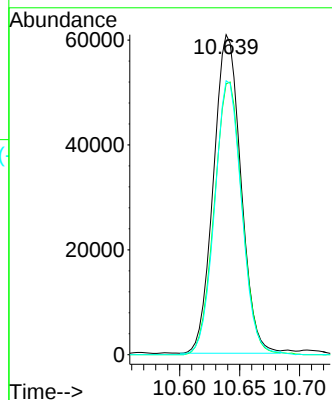
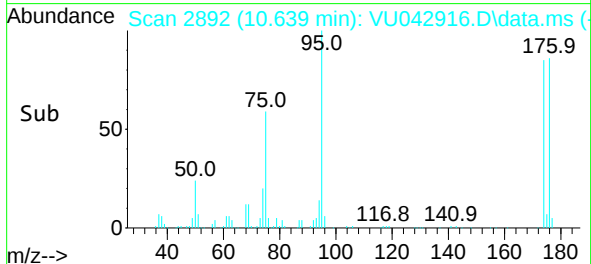




#62
4-Bromofluorobenzene
Concen: 49.70 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



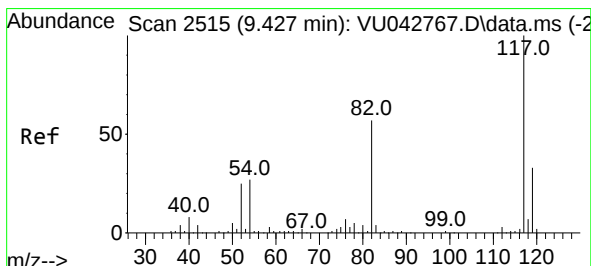
Tgt Ion: 95 Resp: 96566
Ion Ratio Lower Upper
95 100
174 86.5 0.0 175.2
176 85.0 0.0 167.4



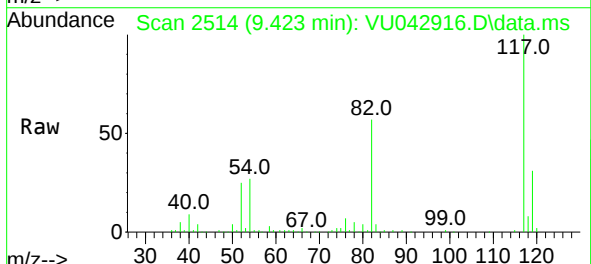
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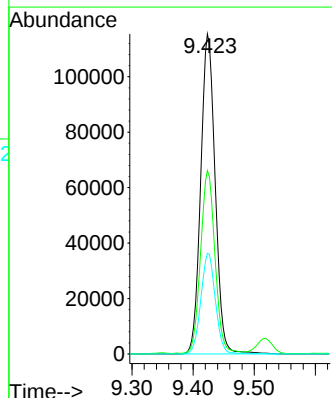
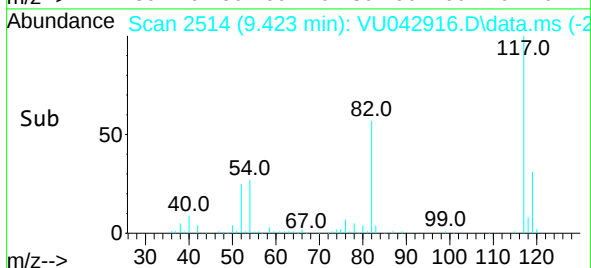
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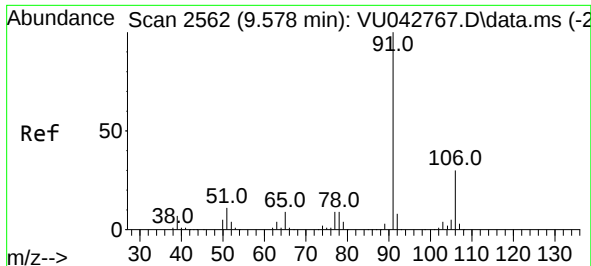


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



Tgt Ion: 117 Resp: 189852
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 31.4 26.2 39.4





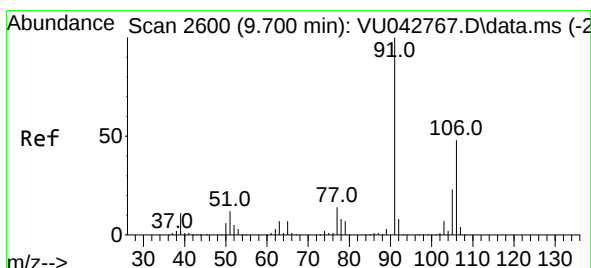
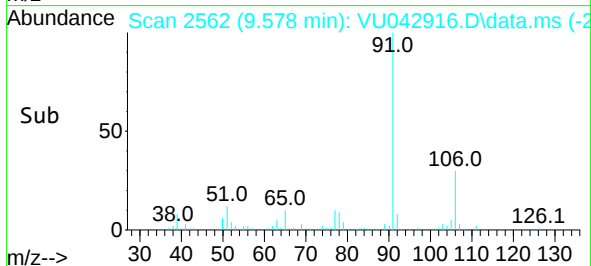
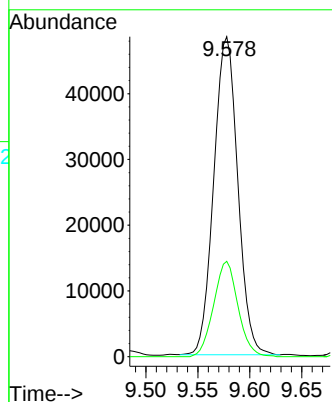
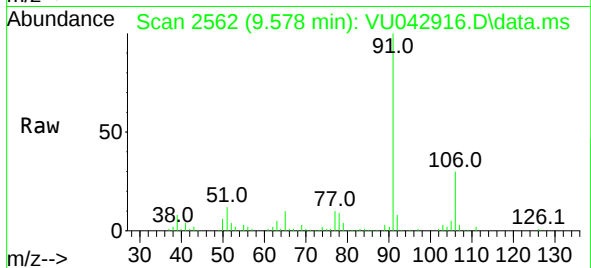
#67
Ethyl Benzene
Concen: 11.20 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

Tgt Ion: 91 Resp: 77574
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1

Instrument :
MSVOA_U
ClientSampled :
MW-5

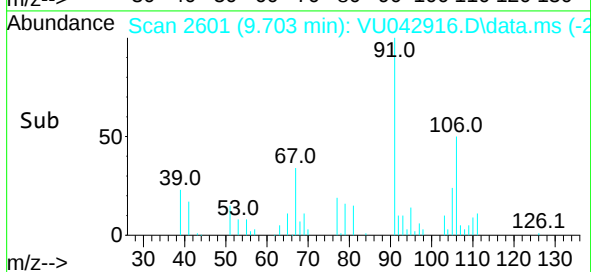
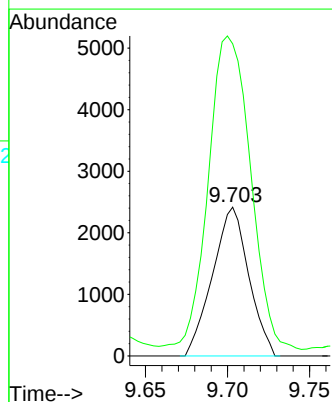
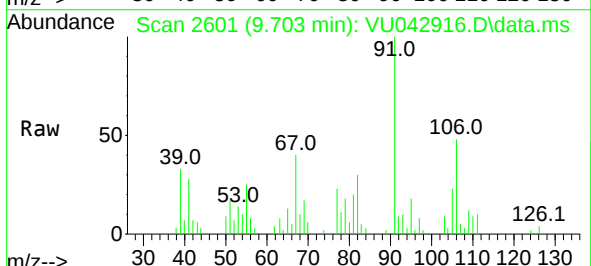
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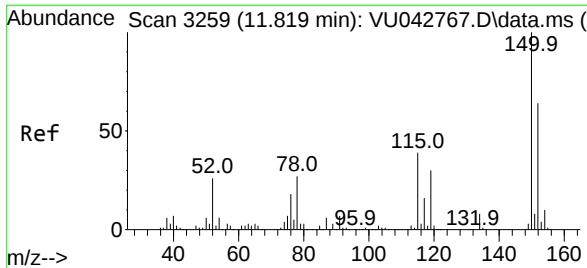
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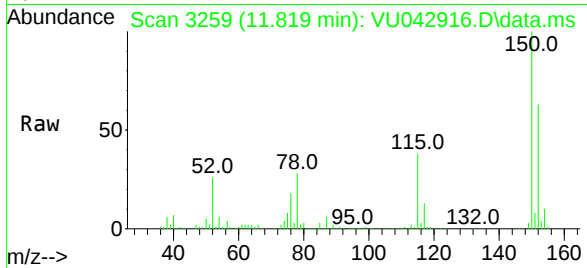
#68
m/p-Xylenes
Concen: 1.45 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

Tgt Ion: 106 Resp: 3697
Ion Ratio Lower Upper
106 100
91 244.9 168.3 252.5

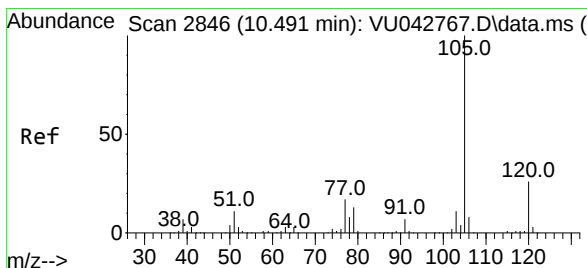
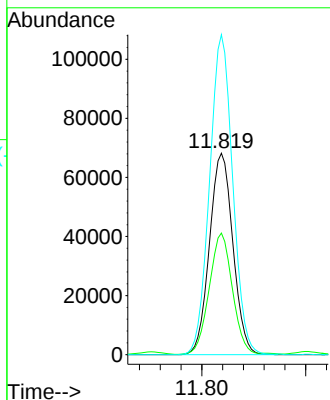
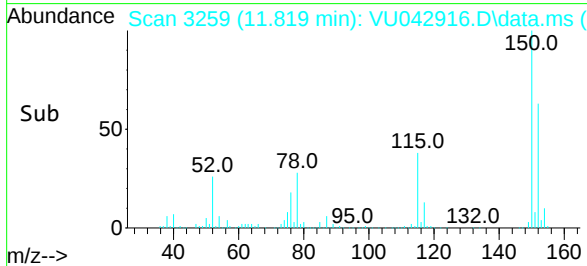




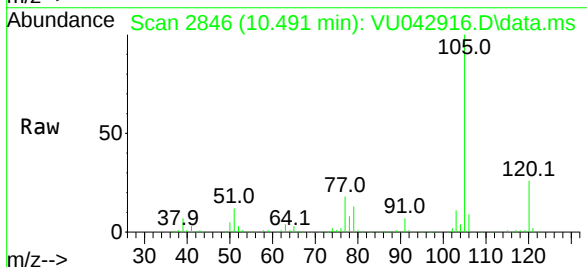
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



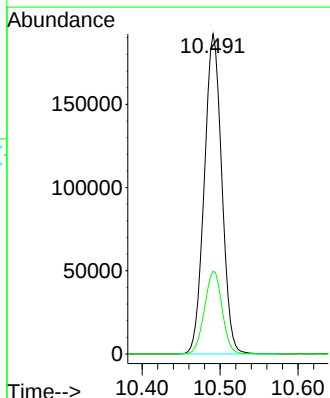
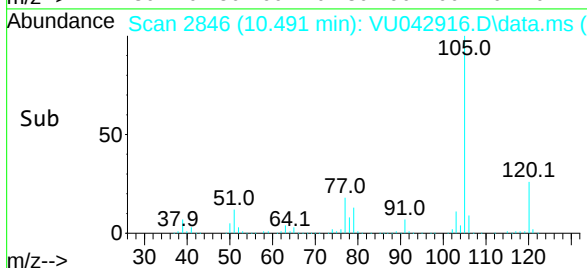
Tgt Ion:152 Resp: 106752
Ion Ratio Lower Upper
152 100
115 59.6 41.0 123.0
150 156.8 0.0 341.0



#73
Isopropylbenzene
Concen: 44.29 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



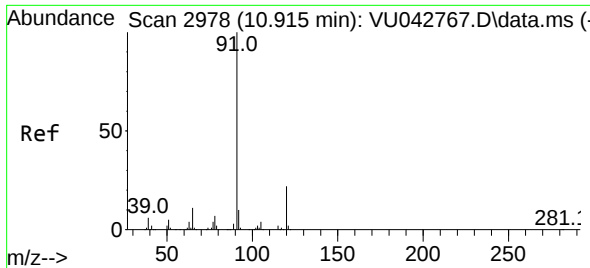
Tgt Ion:105 Resp: 299248
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6



Instrument :
MSVOA_U
ClientSampled :
MW-5

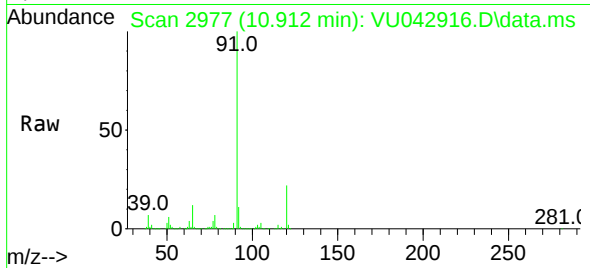
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#78
n-propylbenzene
Concen: 205.65 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.003 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

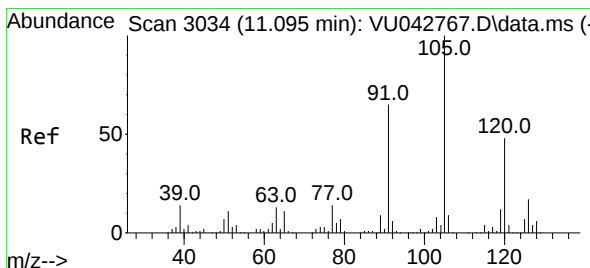
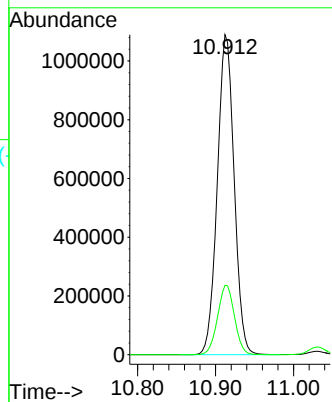
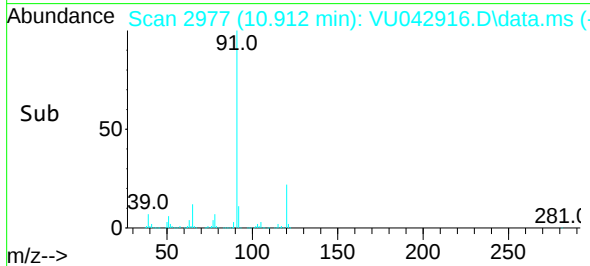
Instrument :
MSVOA_U
ClientSampleId :
MW-5



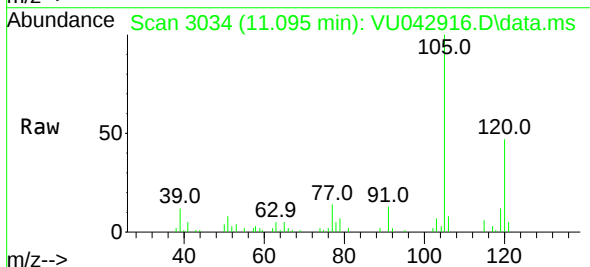
Tgt Ion: 91 Resp: 1635569
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.1

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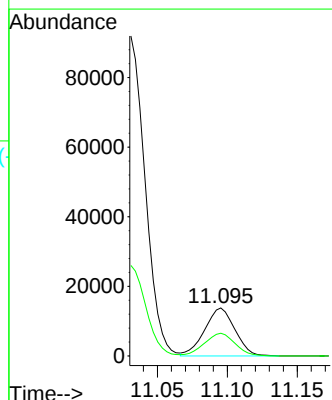
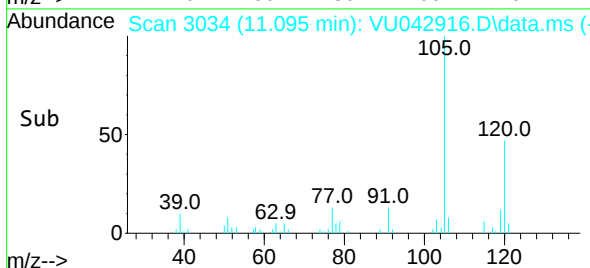
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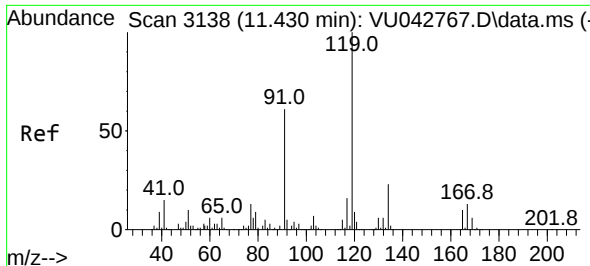


#80
1,3,5-Trimethylbenzene
Concen: 3.55 ug/l m
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



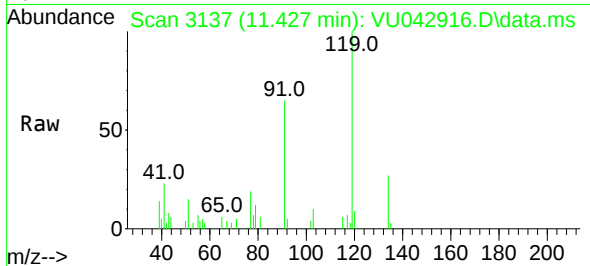
Tgt Ion: 105 Resp: 20816
Ion Ratio Lower Upper
105 100
120 199.0 23.4 70.2#





#83
tert-Butylbenzene
Concen: 0.90 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.003 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

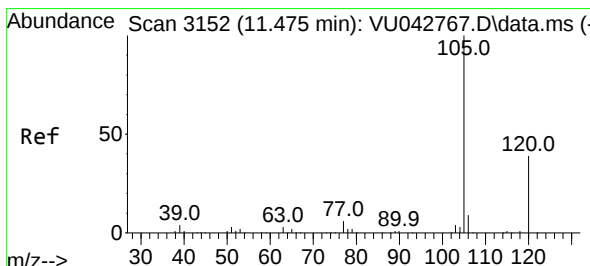
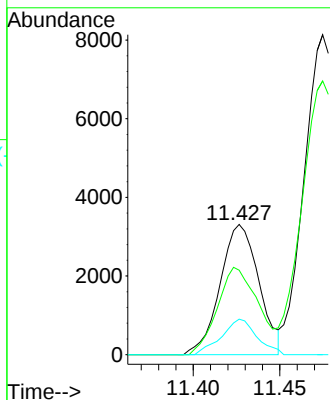
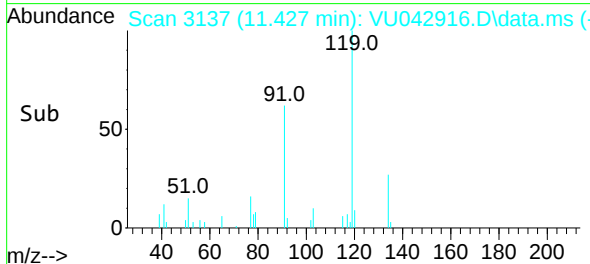
Instrument :
MSVOA_U
ClientSampled :
MW-5



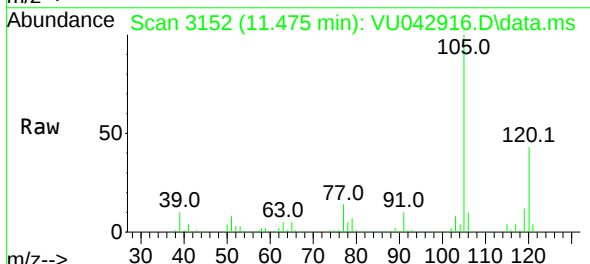
Tgt Ion:119 Resp: 5158
Ion Ratio Lower Upper
119 100
91 0.0 30.1 90.3#
134 24.8 11.2 33.6

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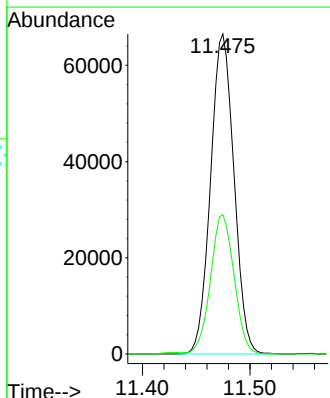
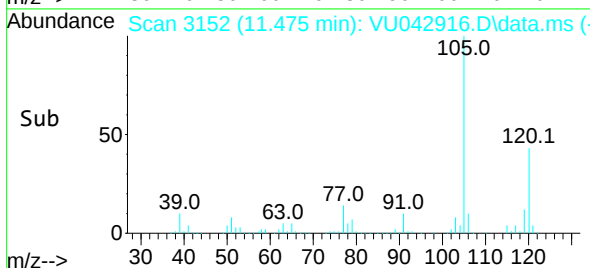
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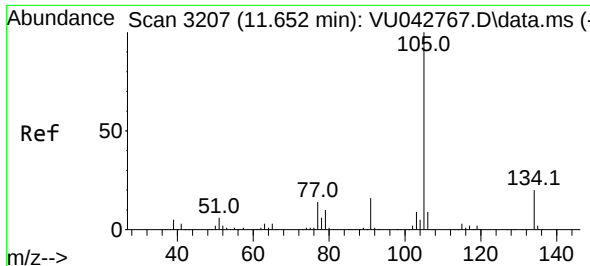


#84
1,2,4-Trimethylbenzene
Concen: 16.97 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



Tgt Ion:105 Resp: 100443
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





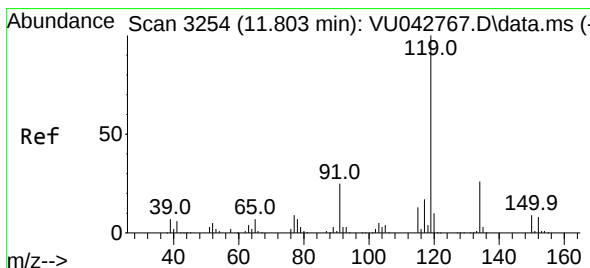
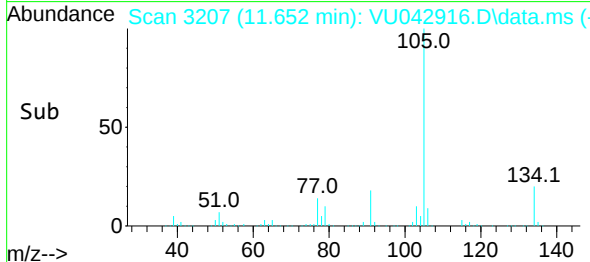
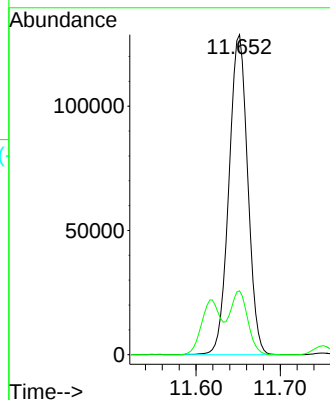
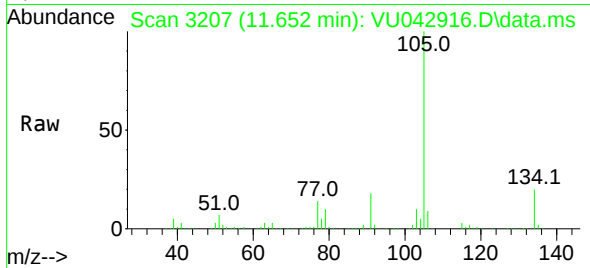
#85
 sec-Butylbenzene
 Concen: 29.93 ug/l
 RT: 11.652 min Scan# 3207
 Delta R.T. -0.000 min
 Lab File: VU042916.D
 Acq: 02 Apr 2021 23:16

Tgt Ion:105 Resp: 198692
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.8 29.5

Instrument :
 MSVOA_U
 ClientSampled :
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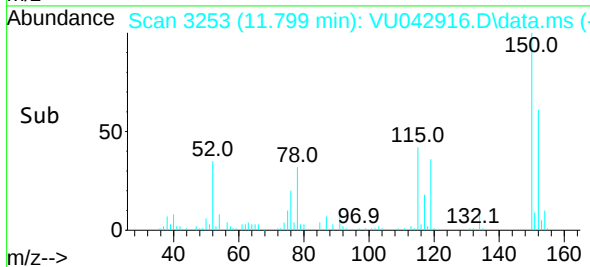
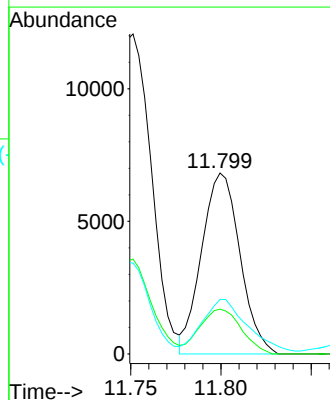
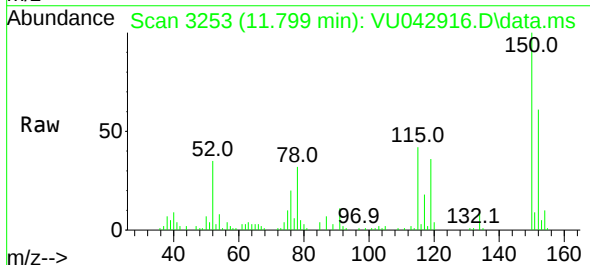
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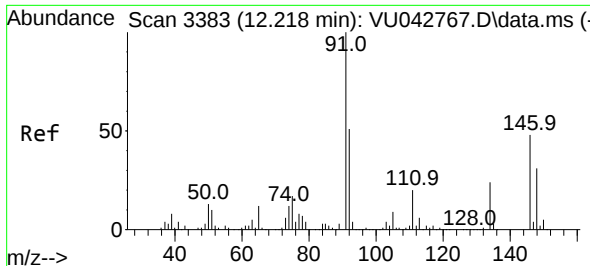
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#86
 p-Isopropyltoluene
 Concen: 1.66 ug/l m
 RT: 11.799 min Scan# 3253
 Delta R.T. -0.003 min
 Lab File: VU042916.D
 Acq: 02 Apr 2021 23:16

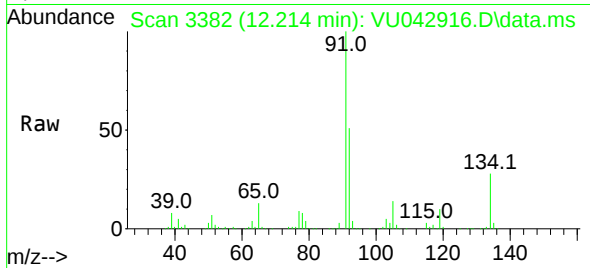
Tgt Ion:119 Resp: 10094
 Ion Ratio Lower Upper
 119 100
 134 54.8 12.8 38.3#
 91 53.7 12.6 37.8#





#89
n-Butylbenzene
Concen: 26.49 ug/l m
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16

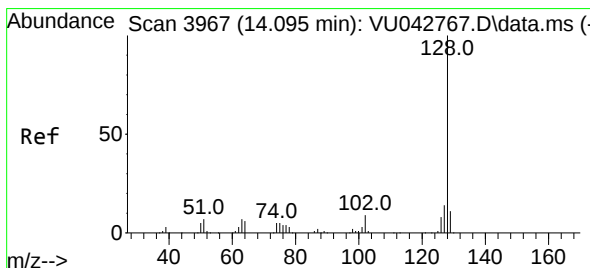
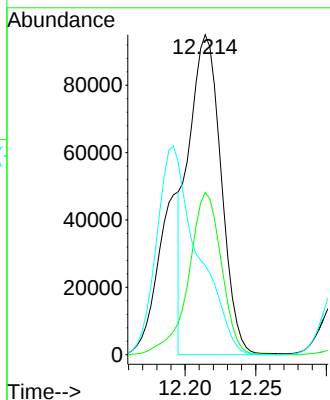
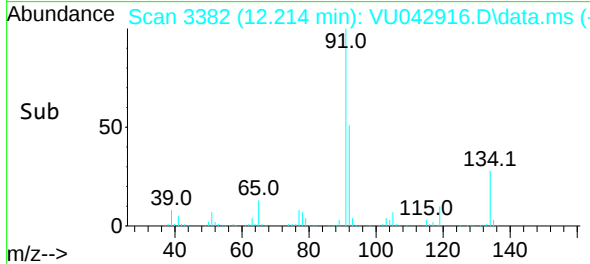
Instrument :
MSVOA_U
ClientSampled :
MW-5



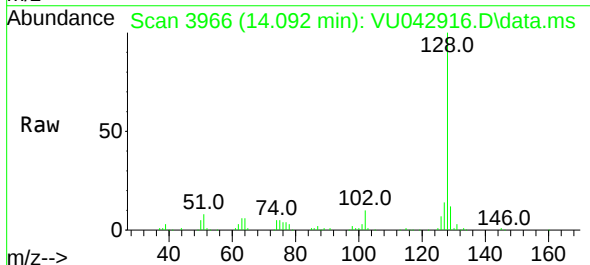
Tgt Ion: 91 Resp: 151845
Ion Ratio Lower Upper
91 100
92 51.3 25.7 77.1
134 0.0 12.1 36.3#

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#95
Naphthalene
Concen: 14.89 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU042916.D
Acq: 02 Apr 2021 23:16



Tgt Ion: 128 Resp: 93987
Ion Ratio Lower Upper
128 100
127 15.4 10.9 16.3
129 14.0 8.7 13.1#

