

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028387.D
 Acq On : 29 Nov 2018 12:41
 Operator : MD/SY
 Sample : J6124-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BW-2072-112818

Manual Integrations
 APPROVED

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 11/30/2018 11:25:41 AM

Quant Time: Nov 30 07:26:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	243675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	460594	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	426619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	193411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	213788	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
35) Dibromofluoromethane	4.88	113	155543	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	7.57	98	607393	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	10.31	95	218478	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
Target Compounds						
16) Acetone	2.32	43	82868	33.264	ug/l	97
20) Methylene Chloride	2.70	84	4589	1.234	ug/l	97
25) 2-Butanone	4.29	43	8848m	2.478	ug/l	
29) Tetrahydrofuran	4.65	42	12807	5.525	ug/l	94
39) Methylcyclohexane	6.42	83	6138	1.033	ug/l	96
67) Ethyl Benzene	9.25	91	26851	1.609	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	50054	3.949	ug/l	98

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

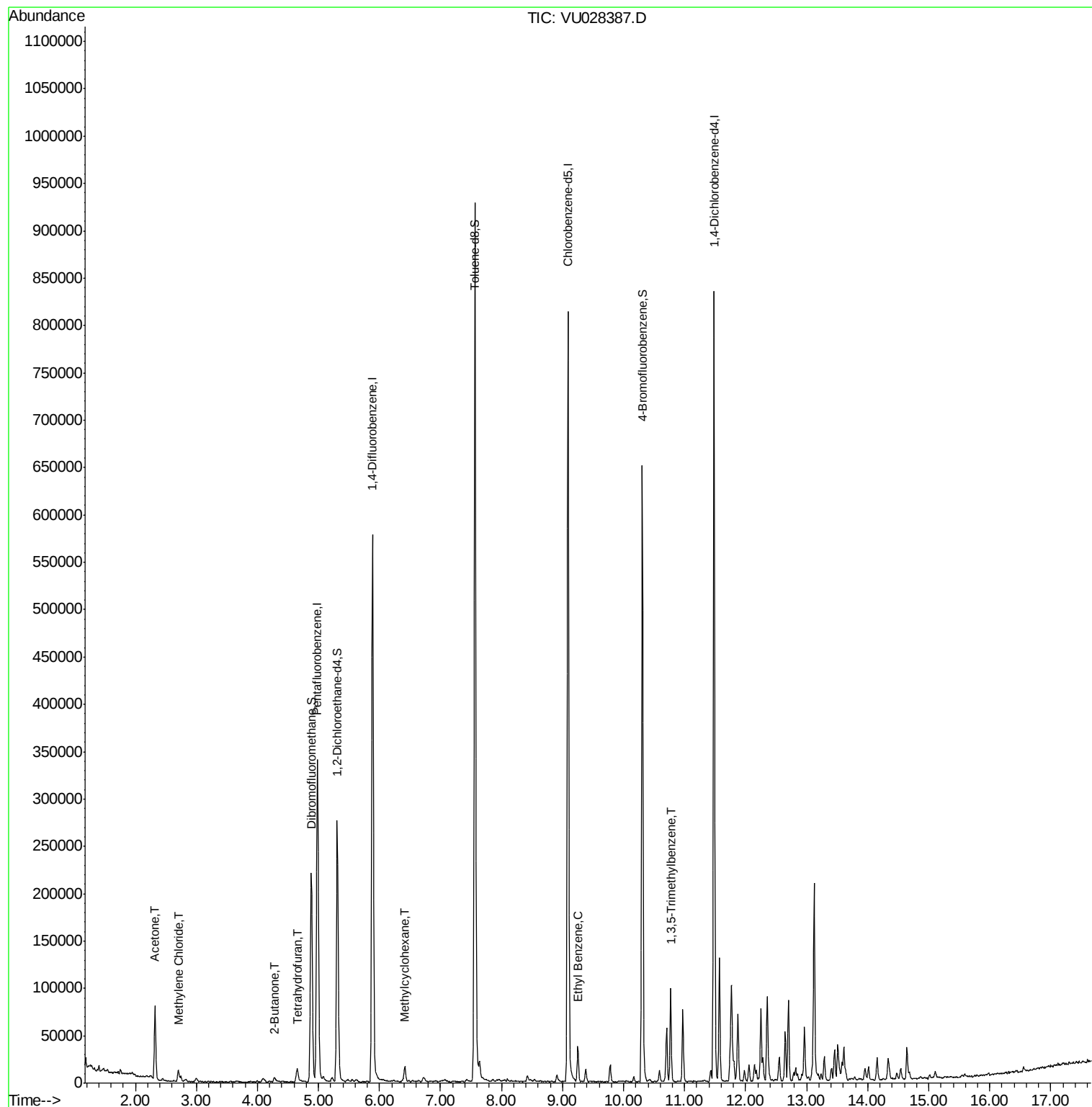
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Data File : VU028387.D
Acq On : 29 Nov 2018 12:41
Operator : MD/SY
Sample : J6124-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

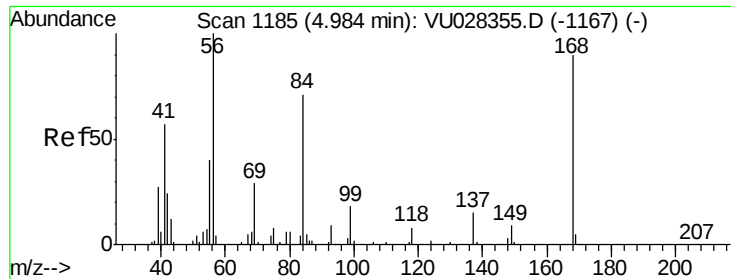
Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

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Quant Time: Nov 30 07:26:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028387.D

Acq: 29 Nov 2018 12:41

Instrument :

MSVOA_U

ClientSampleId :

BW-2072-112818

Tgt Ion: 168 Resp: 243675

Ion Ratio Lower Upper

168 100

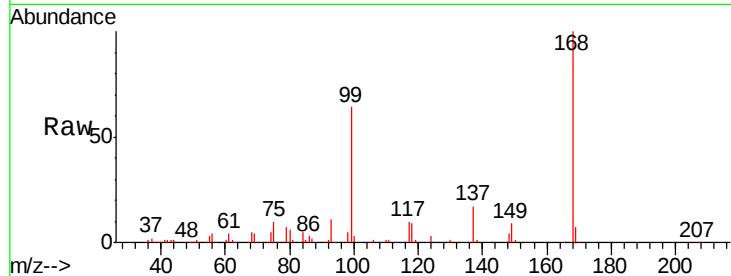
99 64.4 49.6 74.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.98

120000

100000

80000

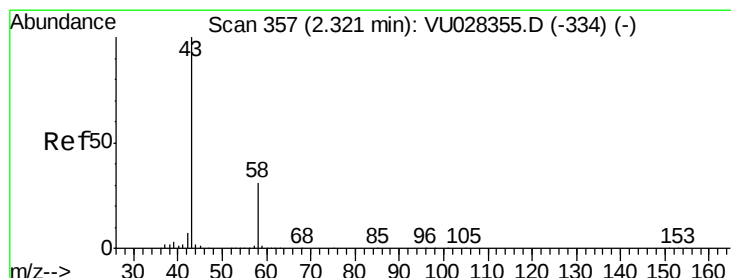
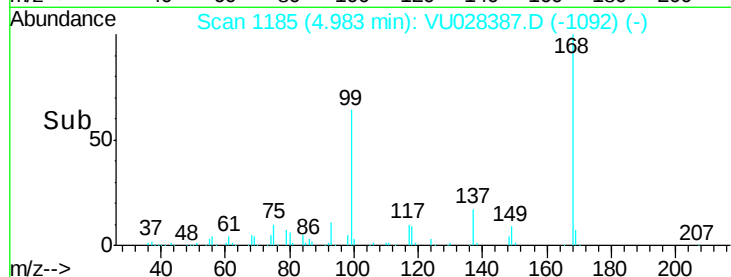
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 33.264 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028387.D

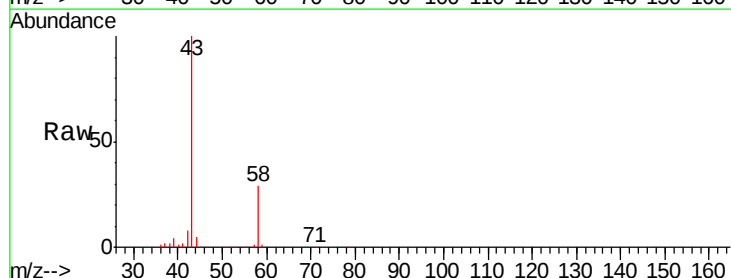
Acq: 29 Nov 2018 12:41

Tgt Ion: 43 Resp: 82868

Ion Ratio Lower Upper

43 100

58 28.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

60000

50000

40000

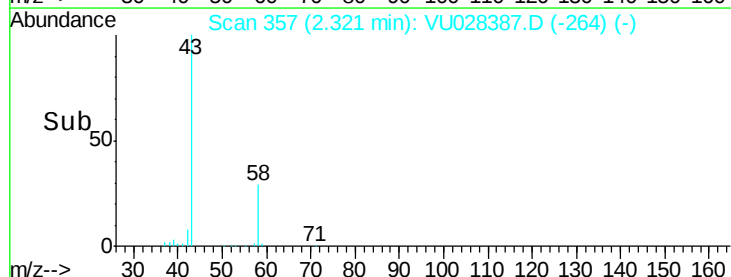
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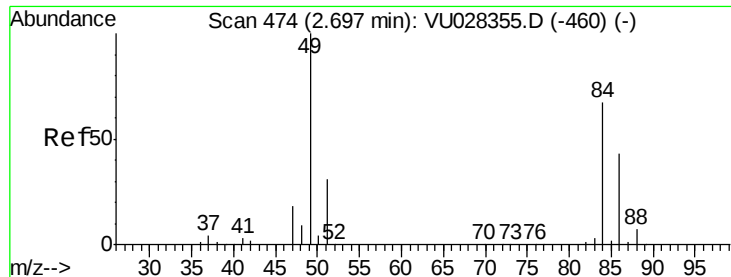
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Time-->





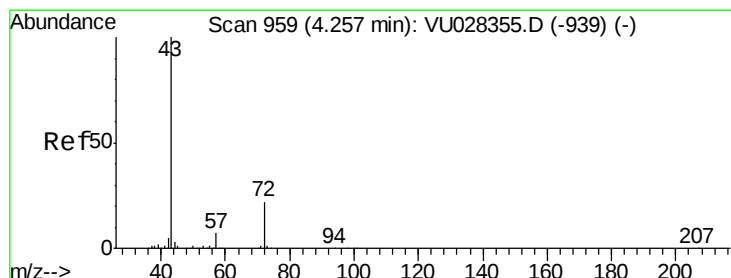
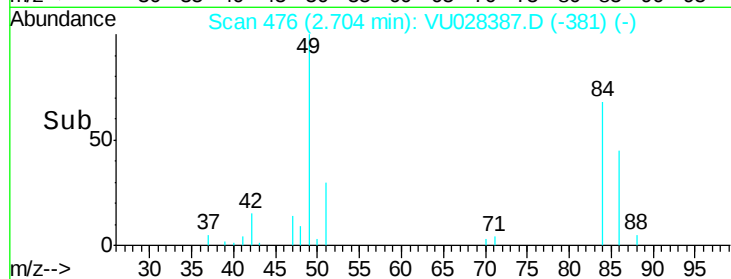
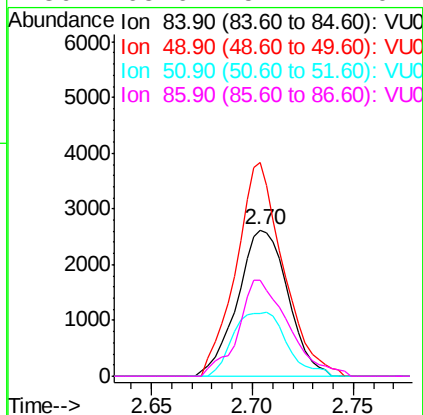
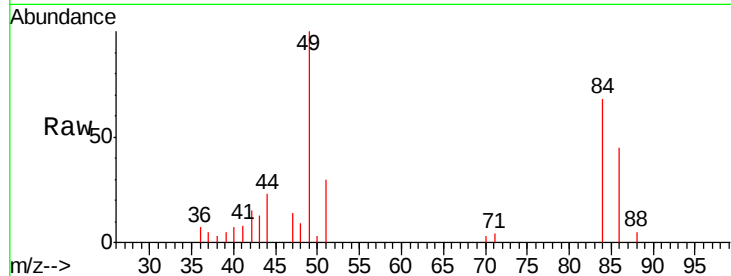
#20
Methylene Chloride
Concen: 1.234 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion:	84	Resp:	4589
Ion	Ratio	Lower	Upper
84	100		
49	146.2	120.0	180.0
51	43.4	36.9	55.3
86	65.6	51.1	76.7

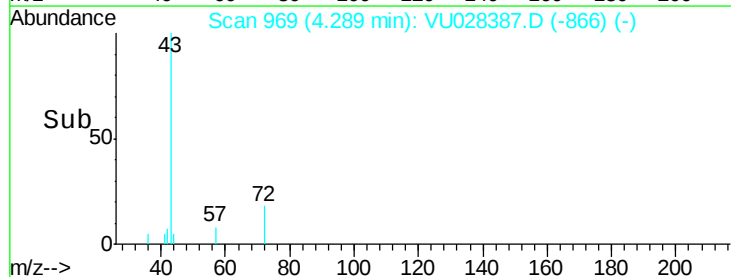
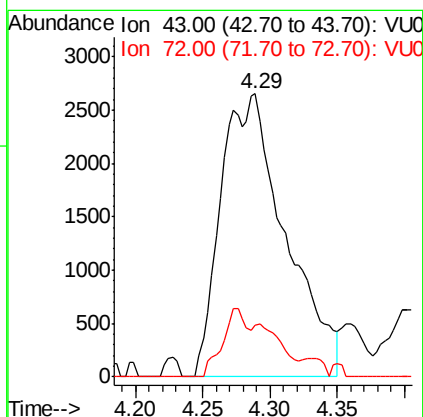
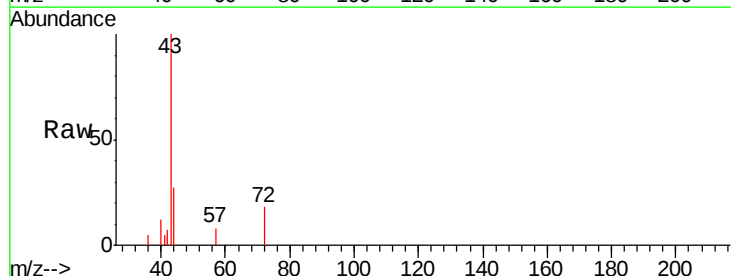
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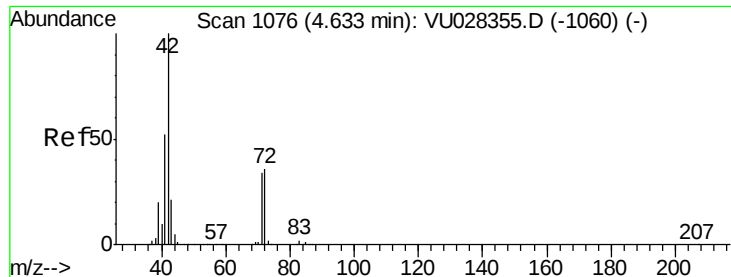
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#25
2-Butanone
Concen: 2.478 ug/l m
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion:	43	Resp:	8848
Ion	Ratio	Lower	Upper
43	100		
72	18.3	17.7	26.5





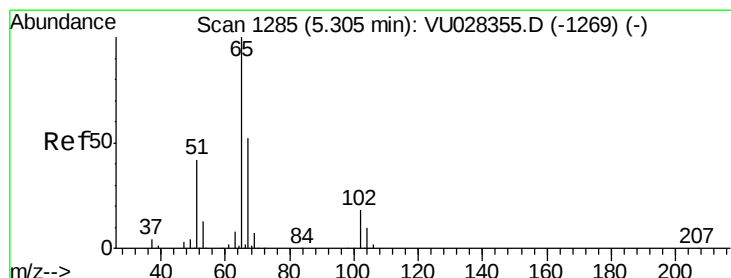
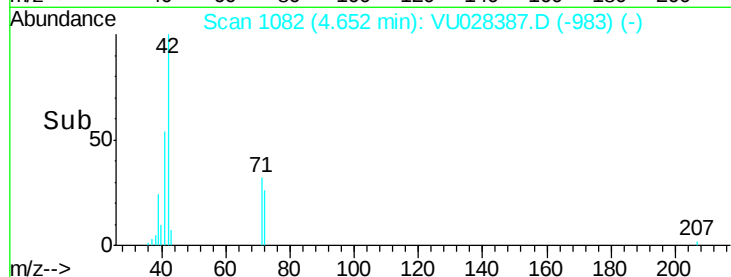
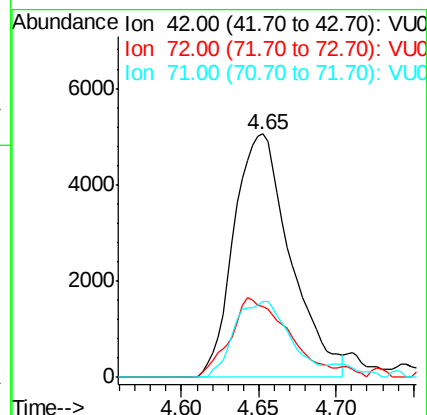
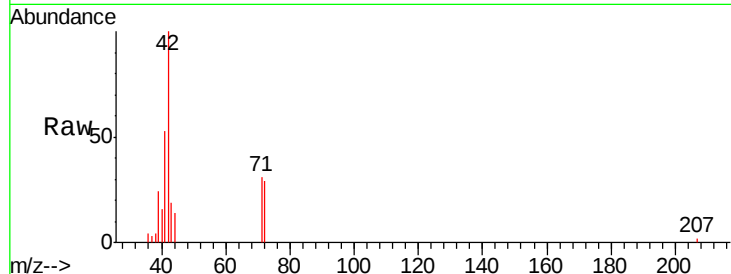
#29
Tetrahydrofuran
Concen: 5.525 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion	Ratio	Lower	Upper
42	100		
72	33.5	29.5	44.3
71	30.4	27.7	41.5

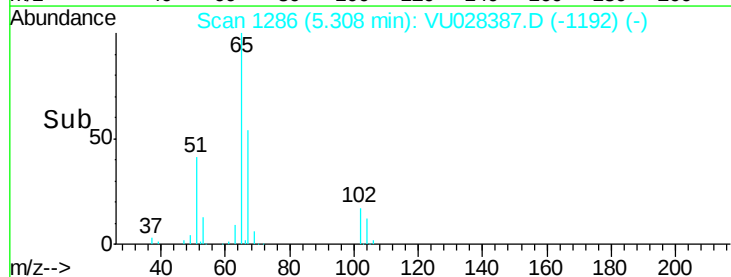
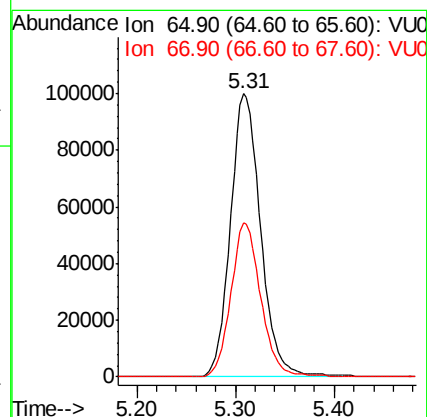
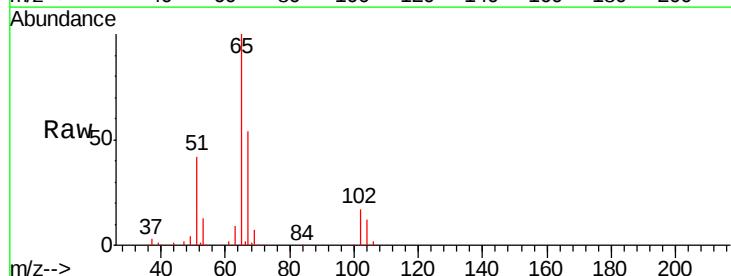
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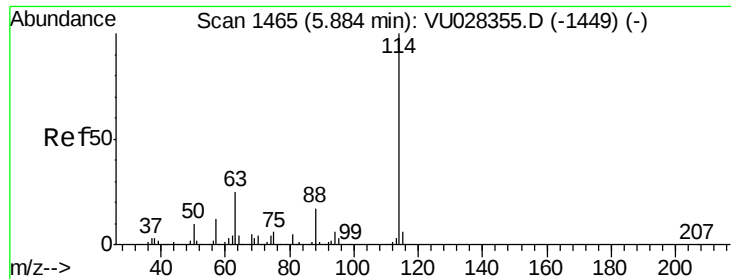
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#33
1,2-Dichloroethane-d4
Concen: 52.497 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.8





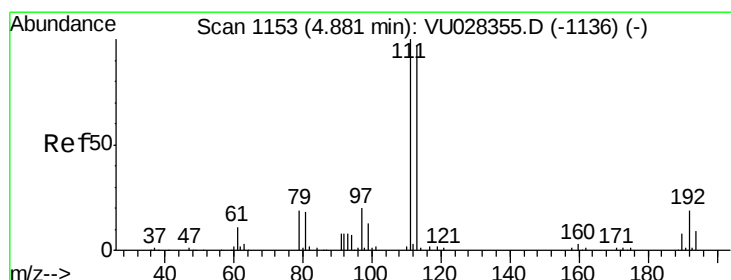
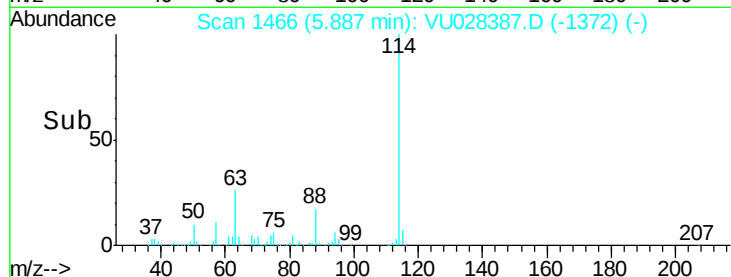
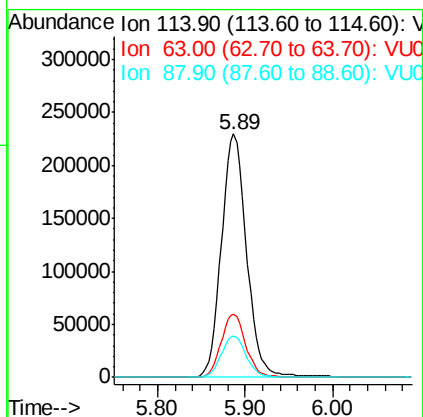
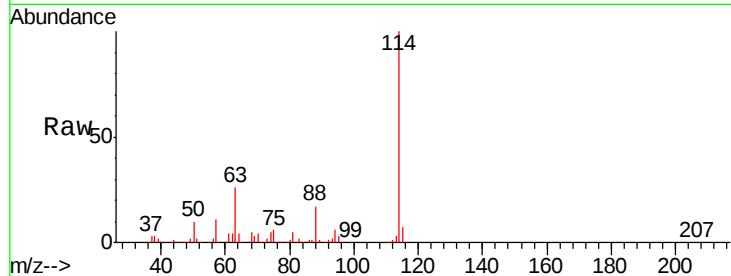
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028387.D
 Acq: 29 Nov 2018 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 BW-2072-112818

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	460594		
63	25.9	0.0	50.0	
88	17.1	0.0	34.4	

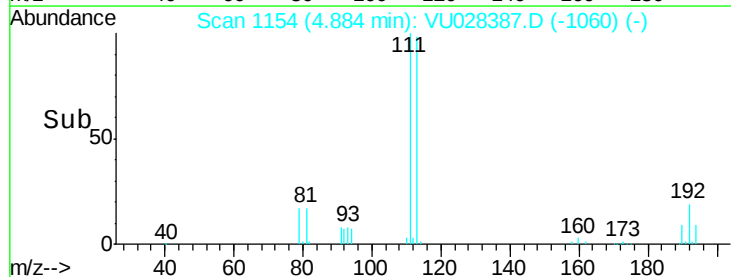
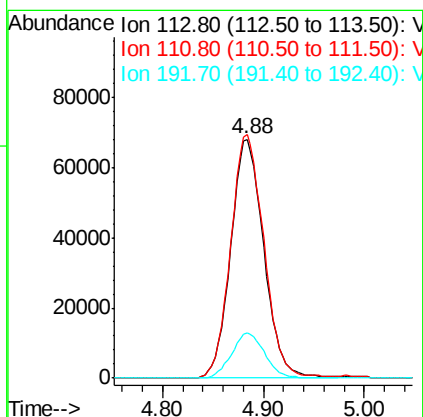
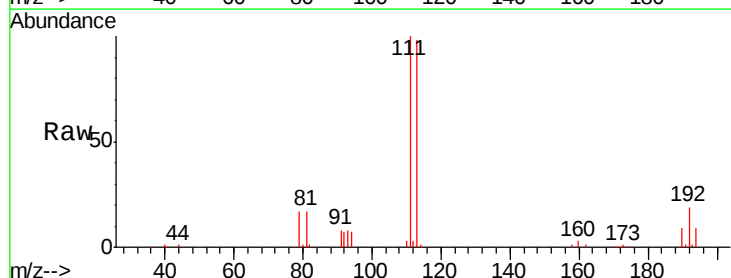
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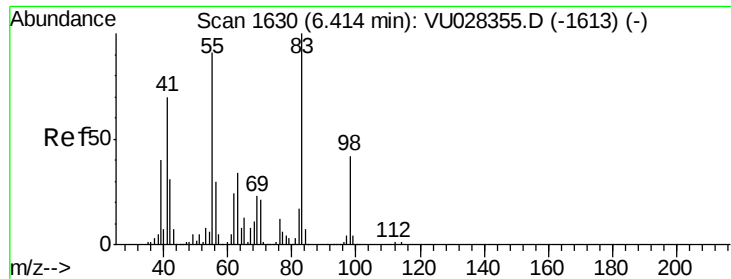
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#35
 Dibromofluoromethane
 Concen: 50.785 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028387.D
 Acq: 29 Nov 2018 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	155543		
111	101.6	82.9	124.3	
192	18.8	15.4	23.0	





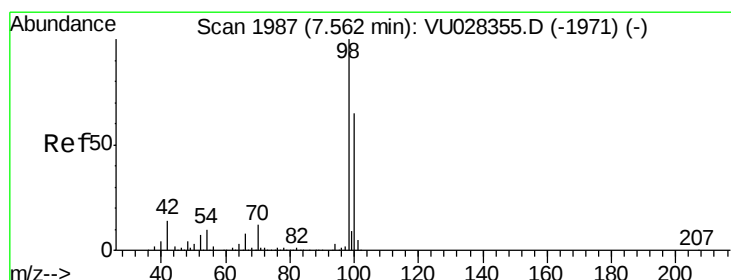
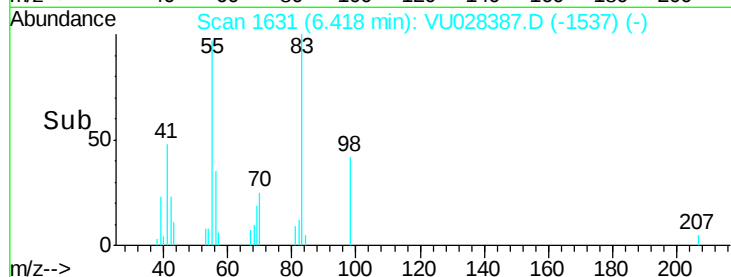
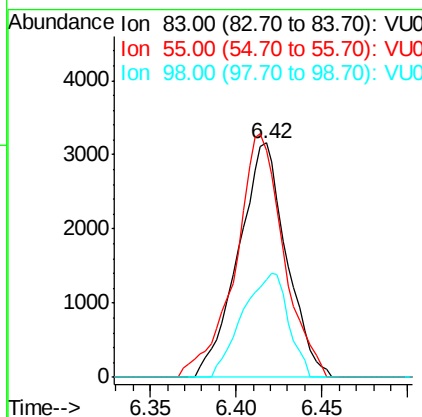
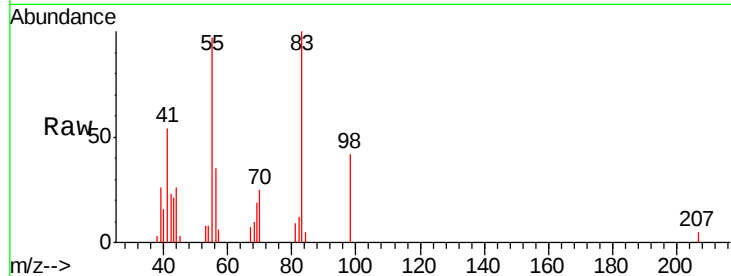
#39
Methylcyclohexane
Concen: 1.033 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion: 83 Resp: 6138
Ion Ratio Lower Upper
83 100
55 97.0 73.1 109.7
98 41.6 33.9 50.9

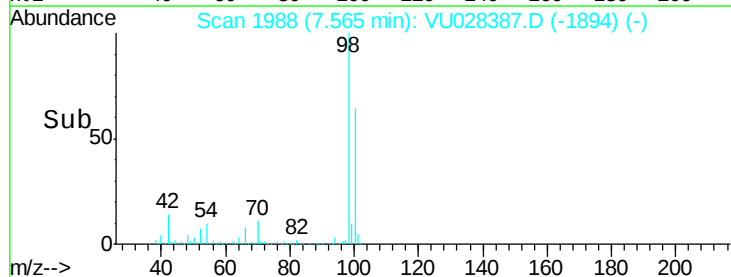
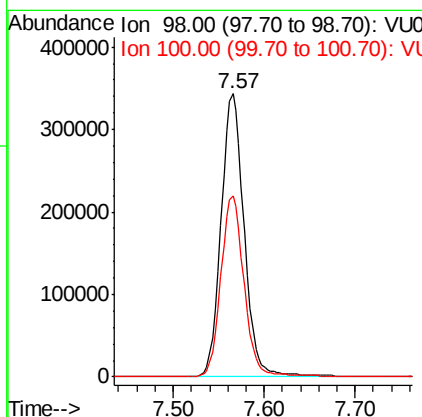
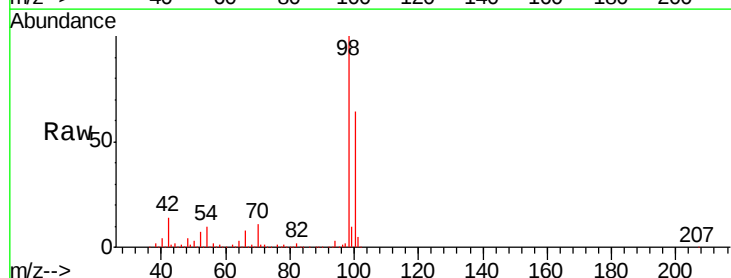
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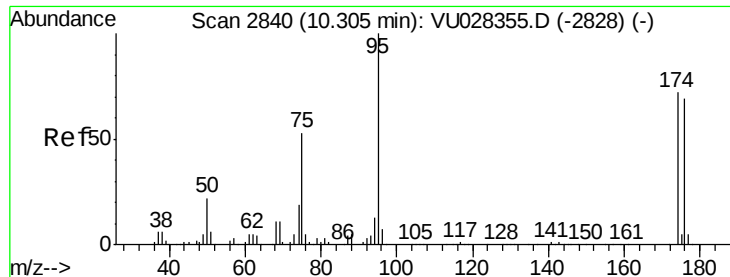
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#50
Toluene-d8
Concen: 49.588 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 98 Resp: 607393
Ion Ratio Lower Upper
98 100
100 64.1 50.8 76.2





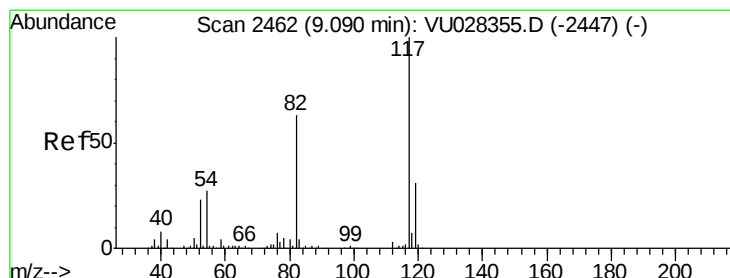
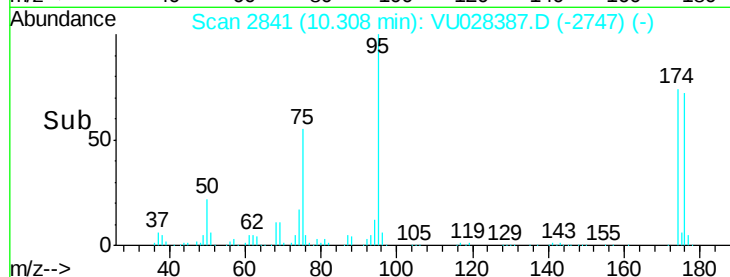
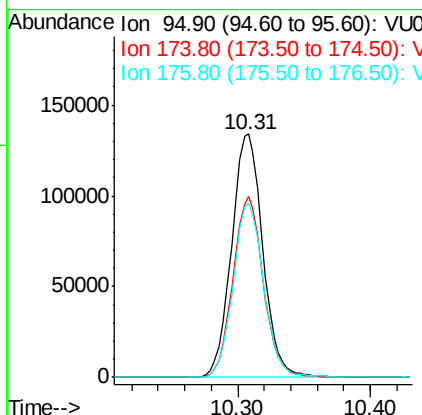
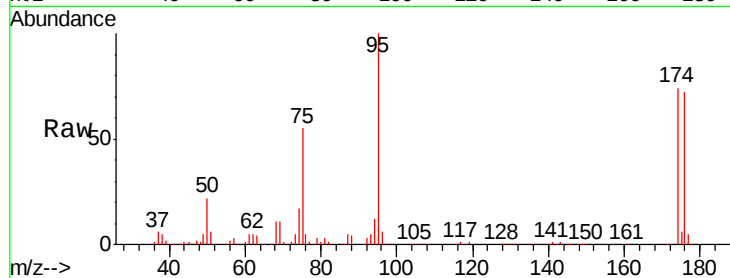
#62
4-Bromofluorobenzene
Concen: 49.487 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	218478		
174	72.4	0.0	145.4	
176	70.6	0.0	140.8	

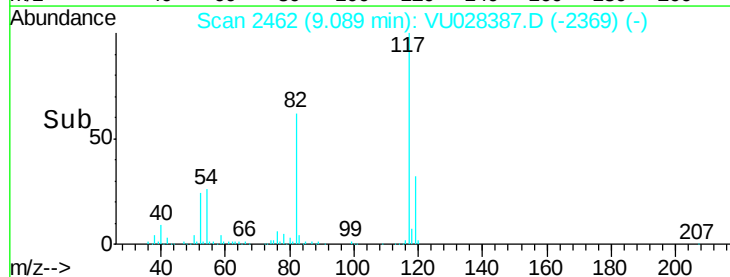
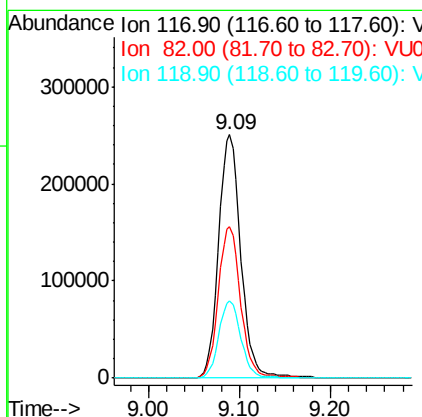
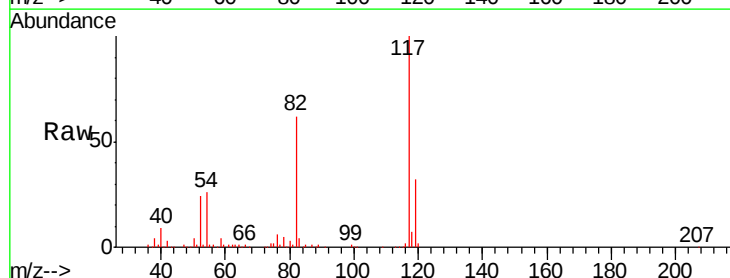
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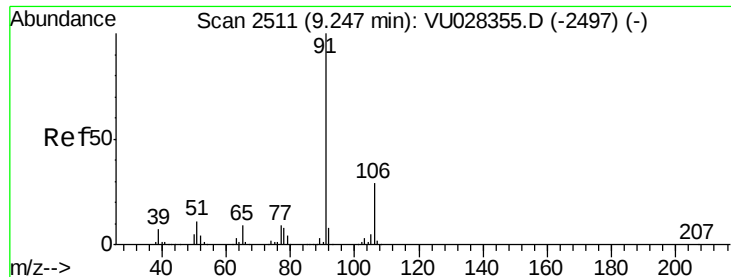
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	426619		
82	62.1	50.3	75.5	
119	31.8	24.8	37.2	





#67

Ethyl Benzene

Concen: 1.609 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028387.D

Acq: 29 Nov 2018 12:41

Instrument :

MSVOA_U

ClientSampleId :

BW-2072-112818

Tgt Ion: 91 Resp: 26851

Ion Ratio Lower Upper

91 100

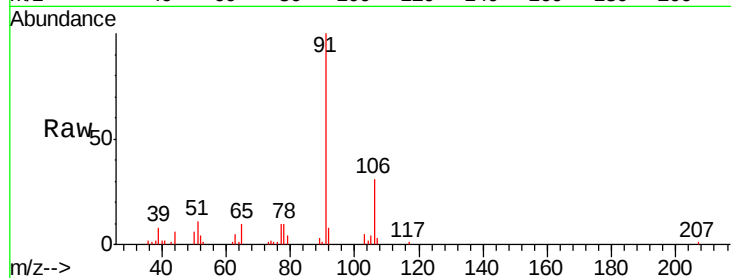
106 30.9 23.3 34.9

Manual Integrations

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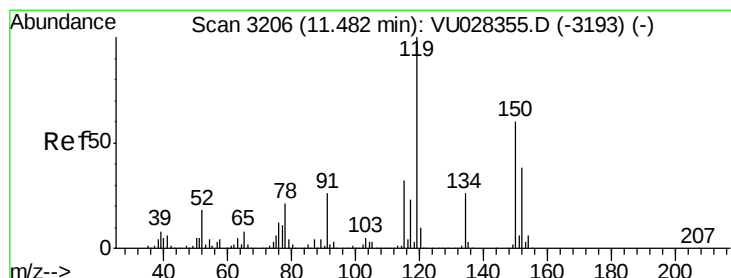
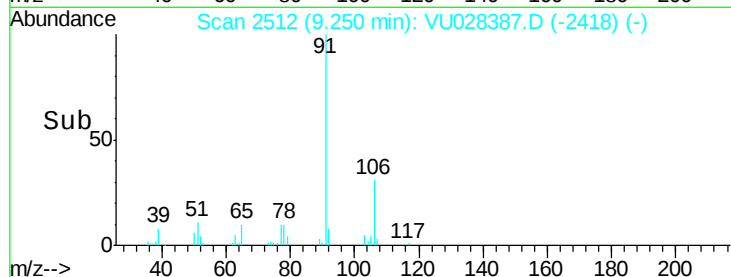
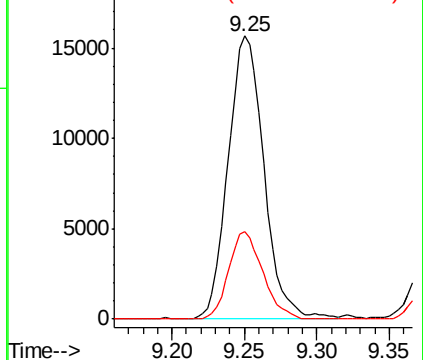
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Abundance Ion 91.00 (90.70 to 91.70): VU028355.D (-2497) (-)

Ion 106.00 (105.70 to 106.70): VU028355.D (-2497) (-)



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028387.D

Acq: 29 Nov 2018 12:41

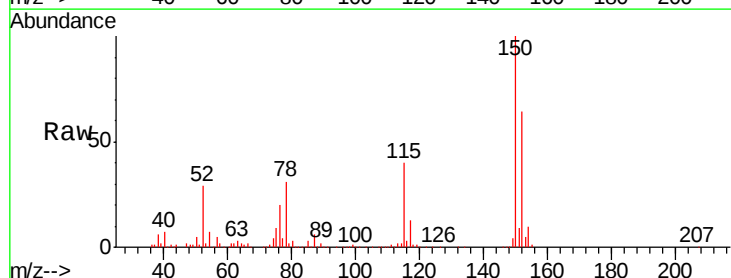
Tgt Ion: 152 Resp: 193411

Ion Ratio Lower Upper

152 100

115 62.8 45.0 134.8

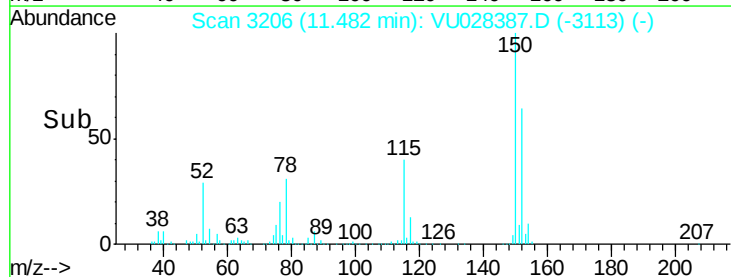
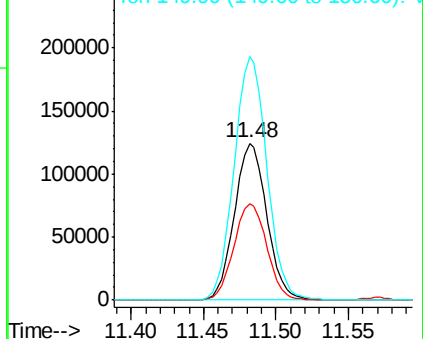
150 157.2 0.0 349.2

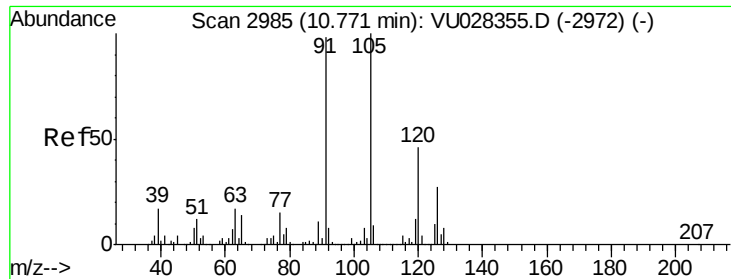


Abundance Ion 151.90 (151.60 to 152.60): VU028355.D (-3193) (-)

Ion 114.90 (114.60 to 115.60): VU028355.D (-3193) (-)

Ion 149.90 (149.60 to 150.60): VU028355.D (-3193) (-)





#80
 1,3,5-Trimethylbenzene
 Concen: 3.949 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028387.D
 Acq: 29 Nov 2018 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 BW-2072-112818

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.4	70.0

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 11:25:41 AM

