

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025126.D
 Acq On : 01 Jul 2018 07:45
 Operator : MD/SY
 Sample : J3789-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Manual Integrations
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Quant Time: Jul 02 08:30:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	210330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	316868	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	161851	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	4.89	113	124504	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	7.57	98	454651	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	10.31	95	166884	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.64%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	2391m	2.86	ug/l	Qvalue
16) Acetone	2.32	43	2075	1.12	ug/l	89
19) Methyl tert-butyl Ether	3.00	73	400574	44.50	ug/l	96
29) Tetrahydrofuran	4.64	42	9919	6.46	ug/l	95

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

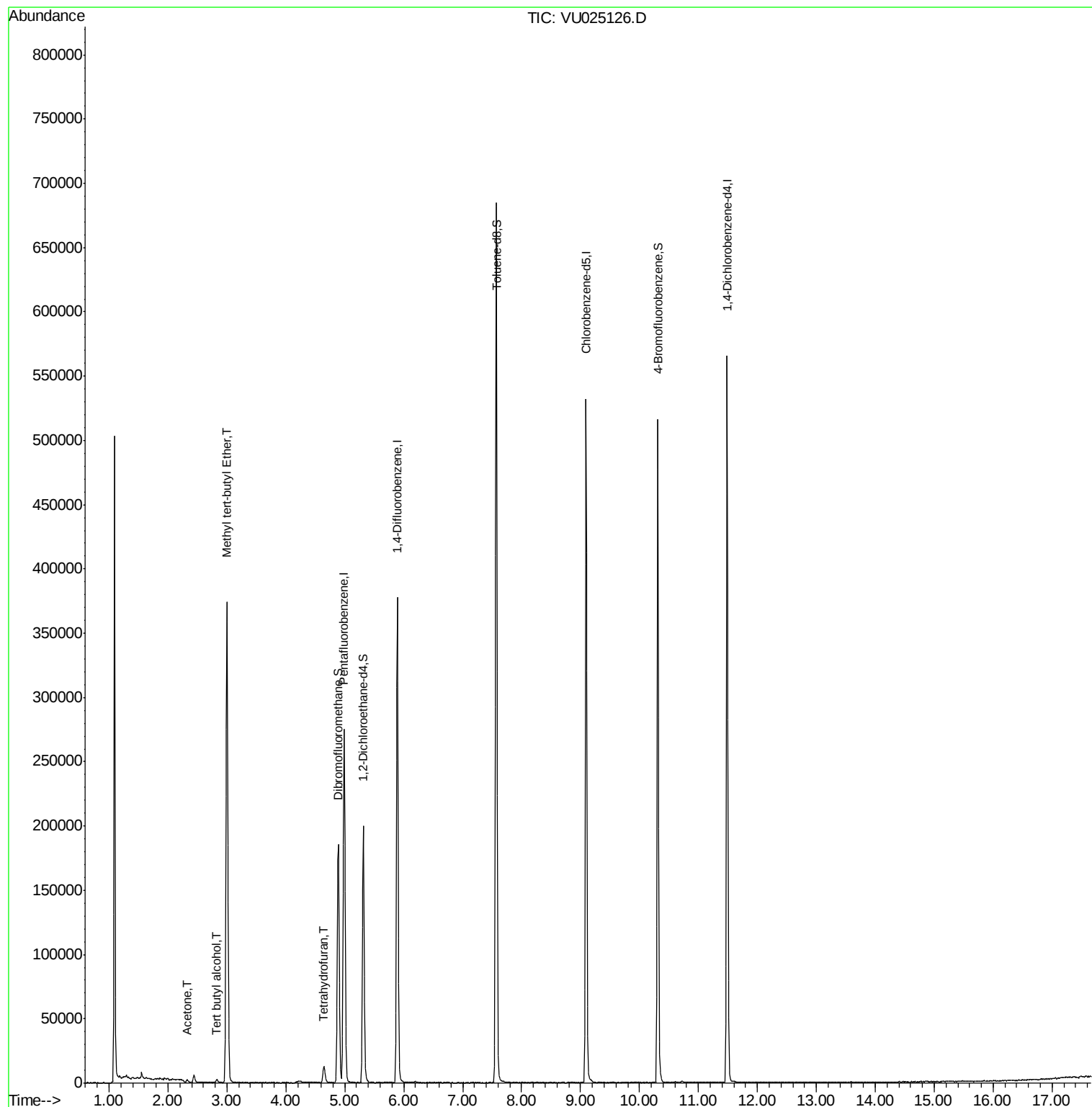
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU063018\
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Manual Integrations
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Quant Time: Jul 02 08:30:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025126.D

Acq: 01 Jul 2018 07:45

Instrument :

MSVOA_U

ClientSampled :

MW-4

Tot Ion:168 Resp: 210330

Ion Ratio Lower Upper

168 100

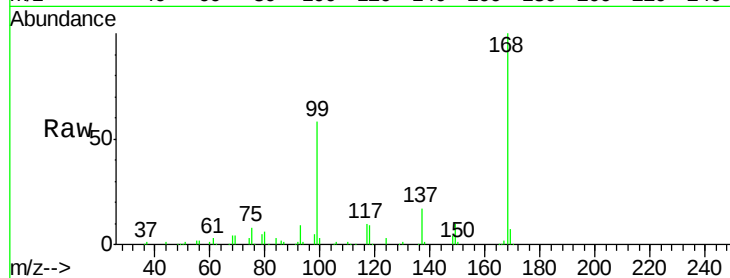
99 58.3 43.2 64.8

Manual Integrations

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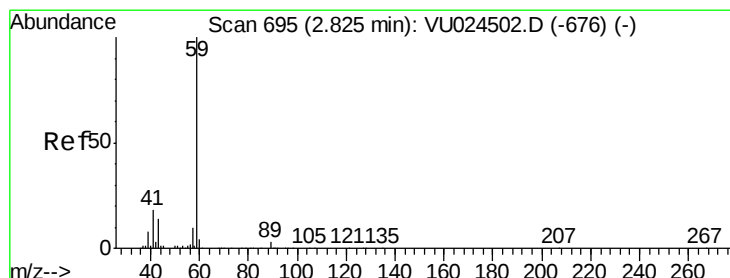
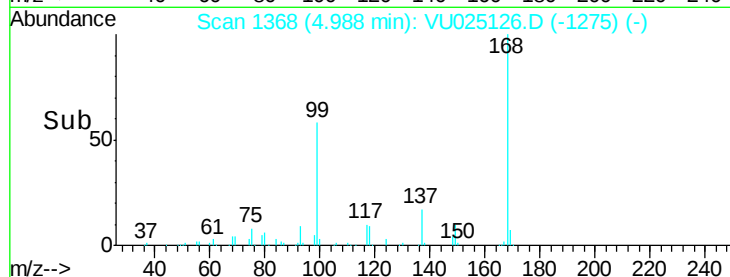
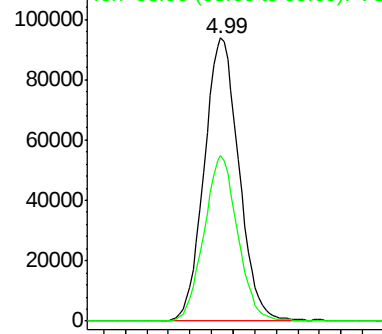
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#11

Tert butyl alcohol

Concen: 2.86 ug/l m

RT: 2.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VU025126.D

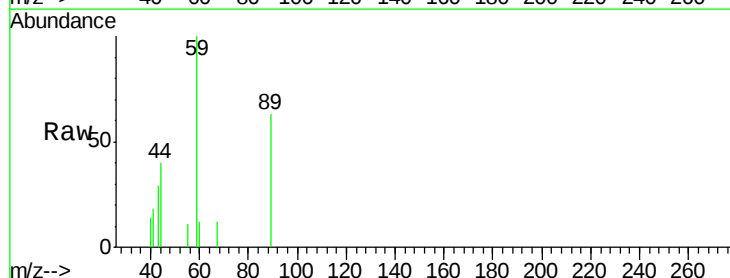
Acq: 01 Jul 2018 07:45

Tgt Ion: 59 Resp: 2391

Ion Ratio Lower Upper

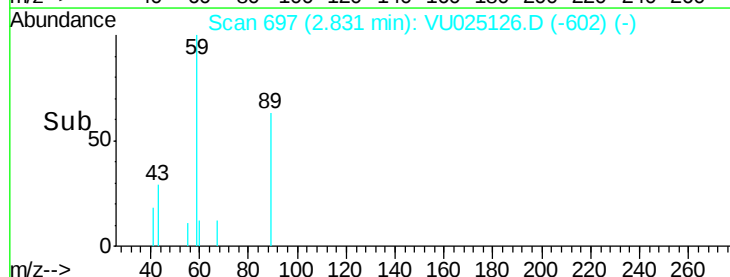
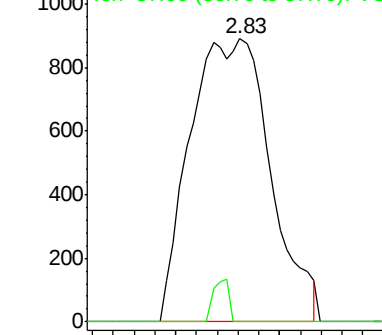
59 100

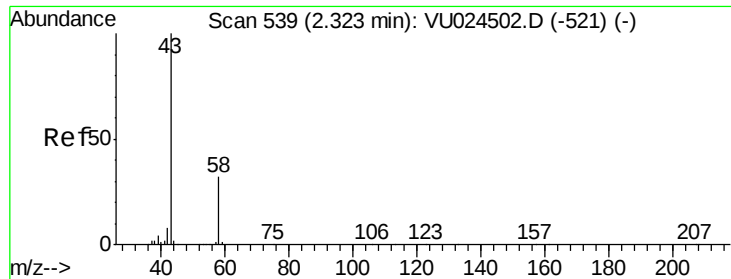
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#16

Acetone

Concen: 1.12 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025126.D

Acq: 01 Jul 2018 07:45

Instrument :

MSVOA_U

ClientSampled :

MW-4

Tot Ion: 43 Resp: 2075

Ion Ratio Lower Upper

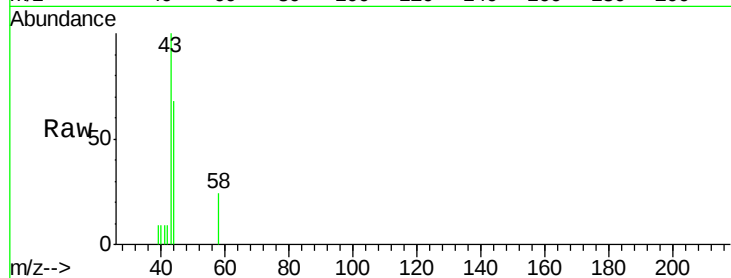
43 100

58 24.5 24.4 36.6

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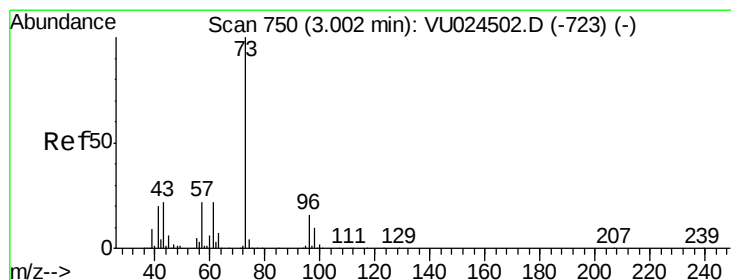
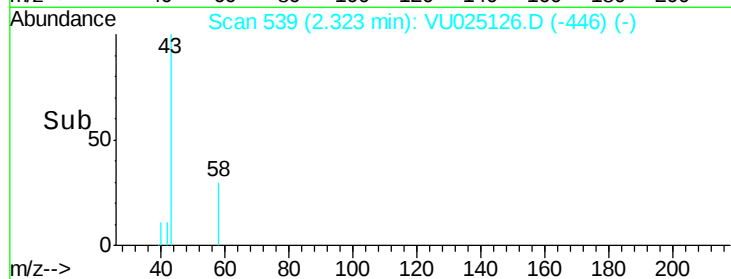
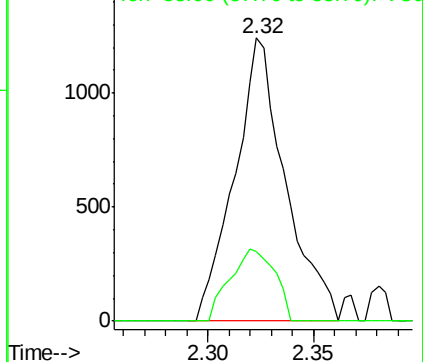
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Abundance Ion 43.00 (42.70 to 43.70): VU025126.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU025126.D (-446) (-)



#19

Methyl tert-butyl Ether

Concen: 44.50 ug/l

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU025126.D

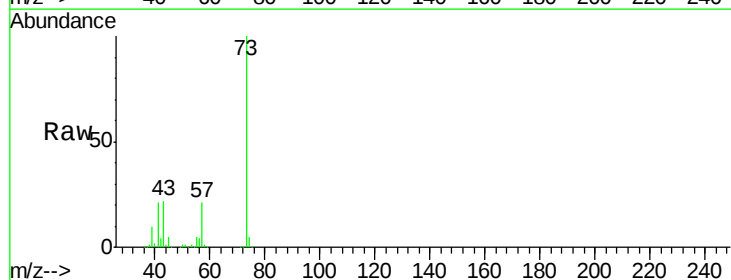
Acq: 01 Jul 2018 07:45

Tgt Ion: 73 Resp: 400574

Ion Ratio Lower Upper

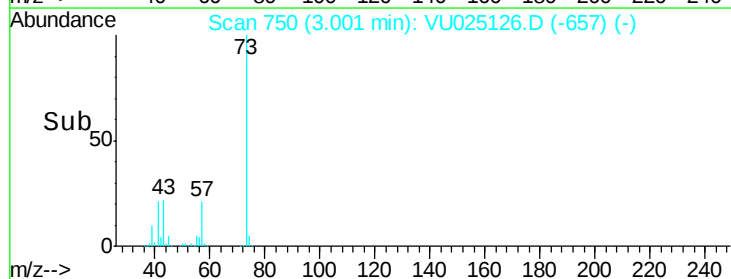
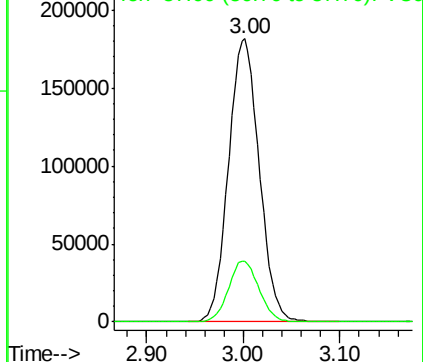
73 100

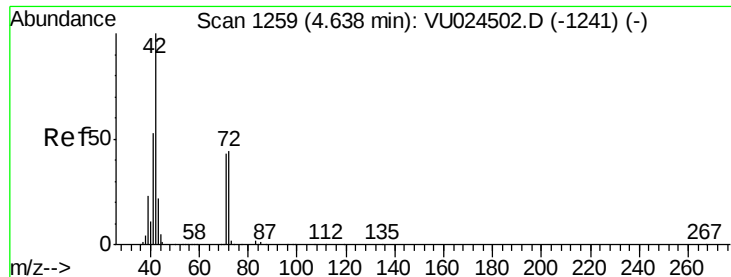
57 21.4 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU025126.D (-657) (-)

Ion 57.00 (56.70 to 57.70): VU025126.D (-657) (-)





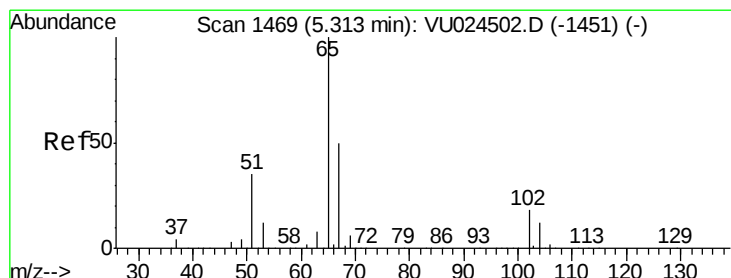
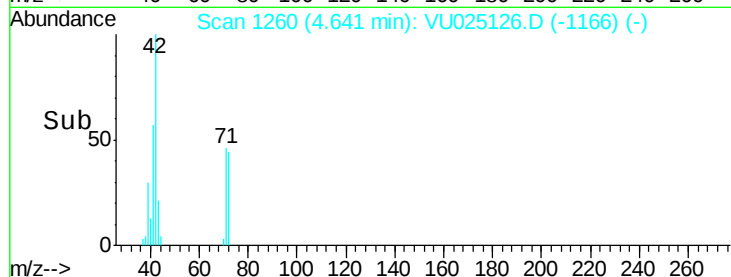
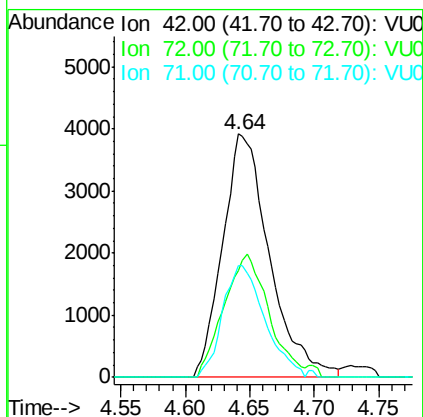
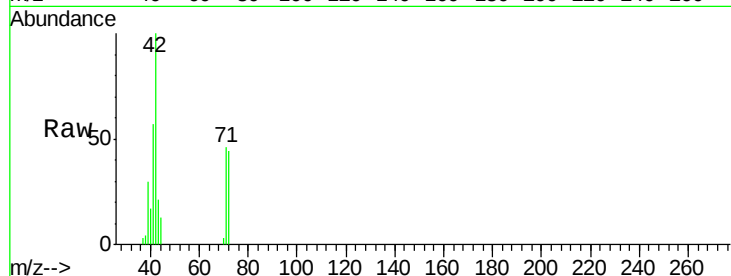
#29
Tetrahydrofuran
Concen: 6.46 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VU025126.D
Acq: 01 Jul 2018 07:45

Instrument :
MSVOA_U
ClientSampled :
MW-4

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	34.5	51.7
71	41.1	32.2	48.4

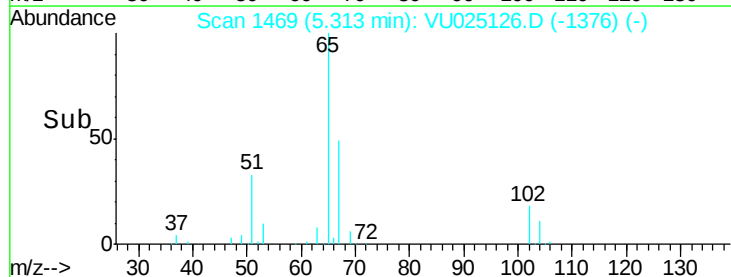
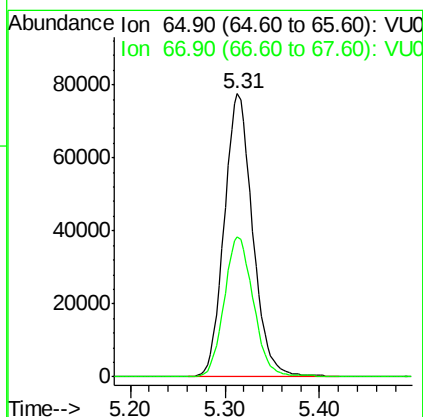
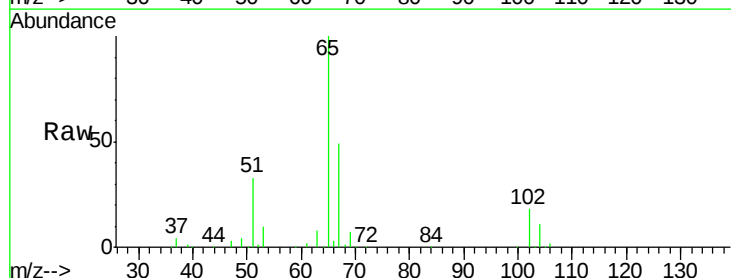
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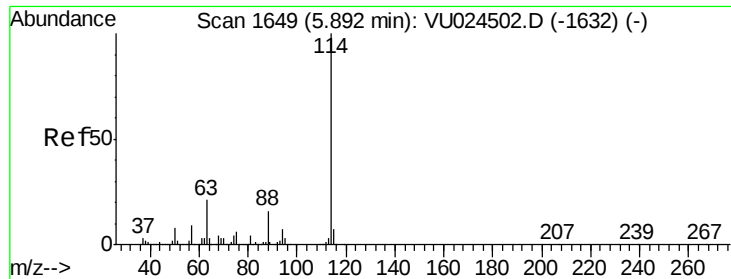
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#33
1,2-Dichloroethane-d4
Concen: 47.14 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025126.D
Acq: 01 Jul 2018 07:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025126.D

Acq: 01 Jul 2018 07:45

Instrument :

MSVOA_U

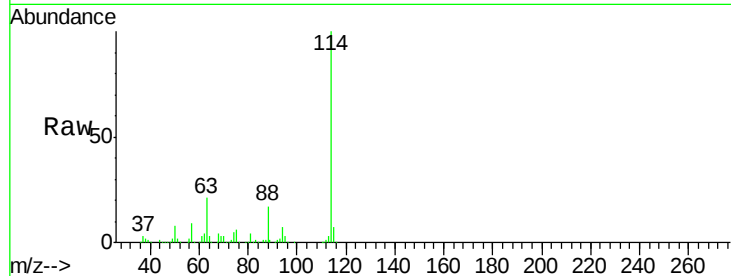
ClientSampleId :

MW-4

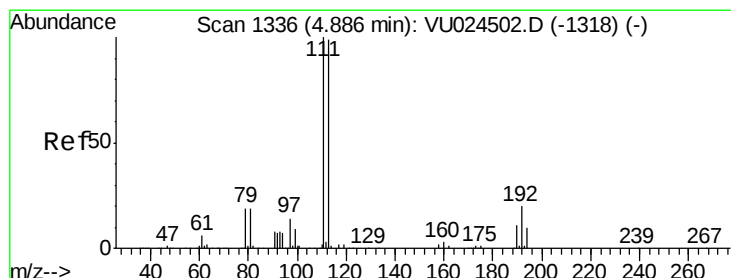
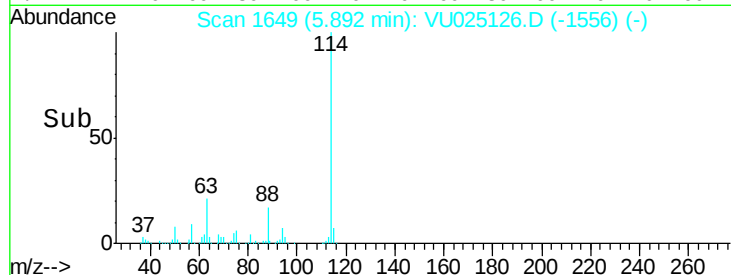
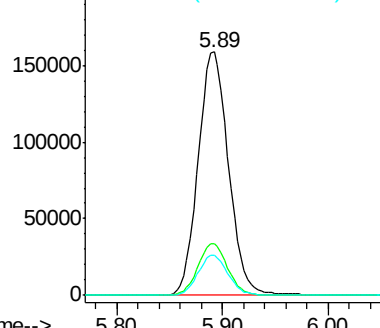
Tot Ion	Ratio	Resp	Lower	Upper
114	100	316868		
63	21.1	0.0	45.4	
88	16.7	0.0	31.0	

Manual Integrations
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Abundance Ion 113.90 (113.60 to 114.60): V



#35

Dibromofluoromethane

Concen: 47.34 ug/l

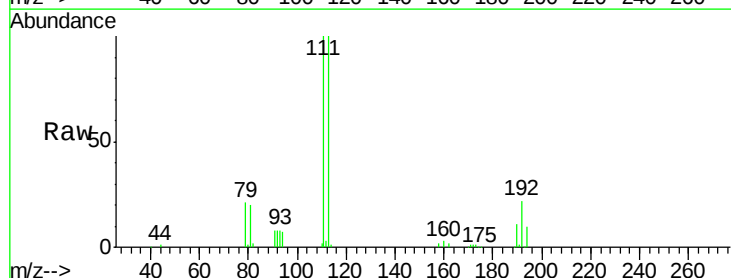
RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

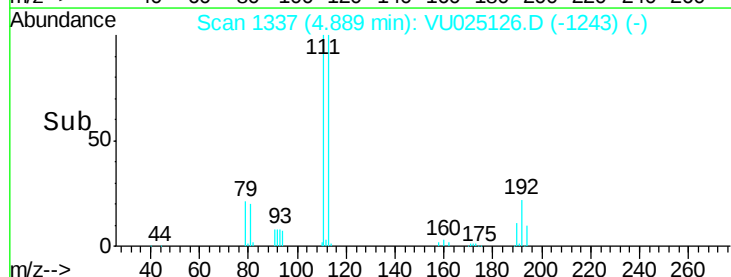
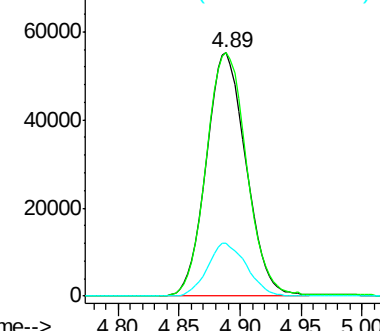
Lab File: VU025126.D

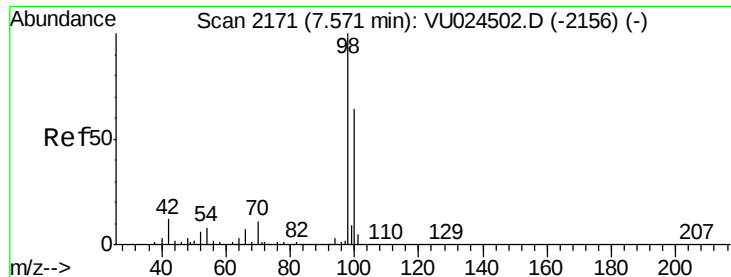
Acq: 01 Jul 2018 07:45

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	124504		
111	101.8	82.2	123.4	
192	21.4	16.2	24.4	



Abundance Ion 112.80 (112.50 to 113.50): V





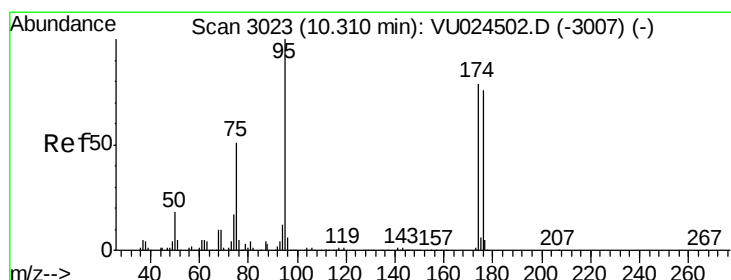
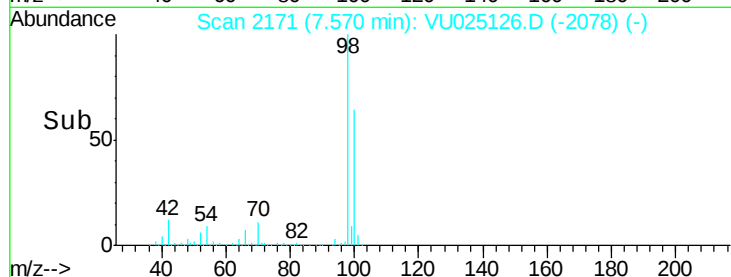
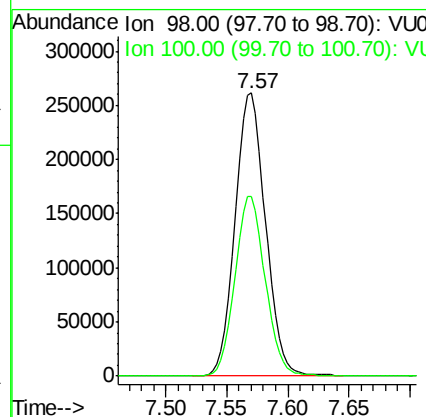
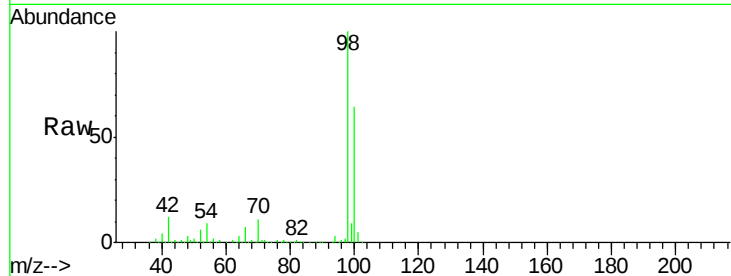
#50
Toluene-d8
Concen: 47.40 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025126.D
Acq: 01 Jul 2018 07:45

Instrument :
MSVOA_U
ClientSampled :
MW-4

Tot Ion: 98 Resp: 454651
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7

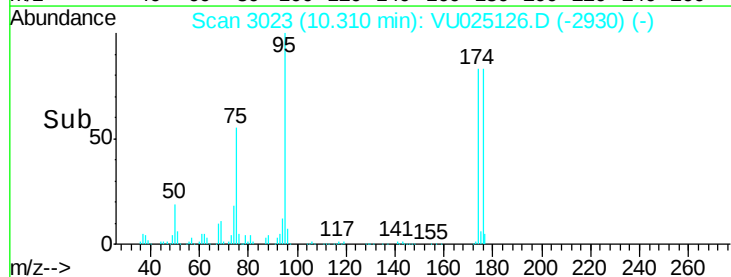
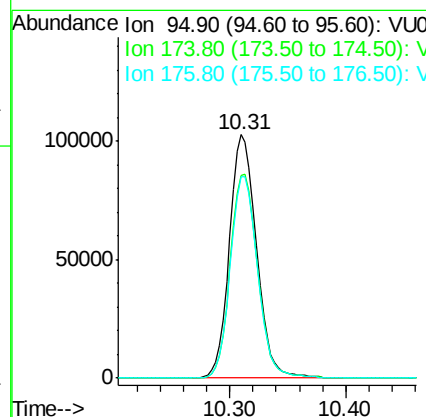
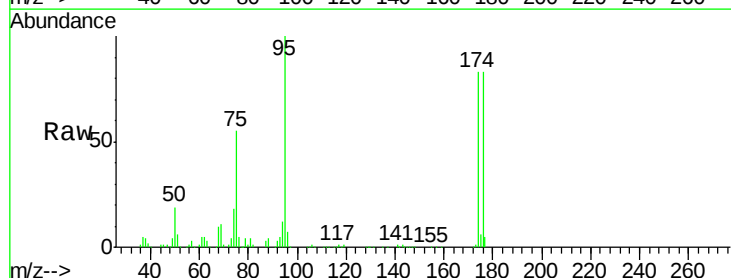
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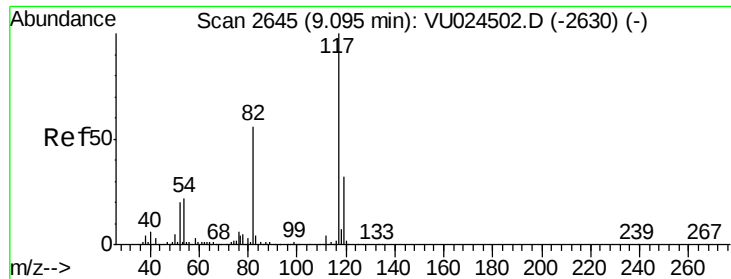
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#62
4-Bromofluorobenzene
Concen: 43.82 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025126.D
Acq: 01 Jul 2018 07:45

Tgt Ion: 95 Resp: 166884
Ion Ratio Lower Upper
95 100
174 84.9 0.0 165.8
176 83.5 0.0 159.4





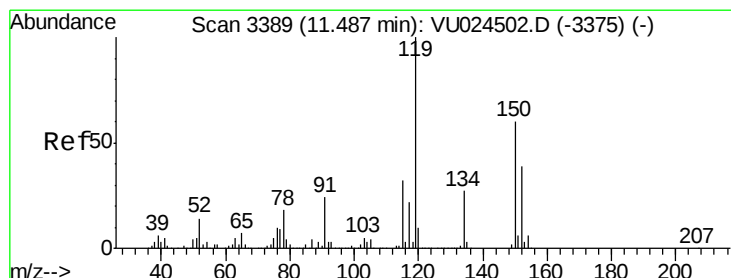
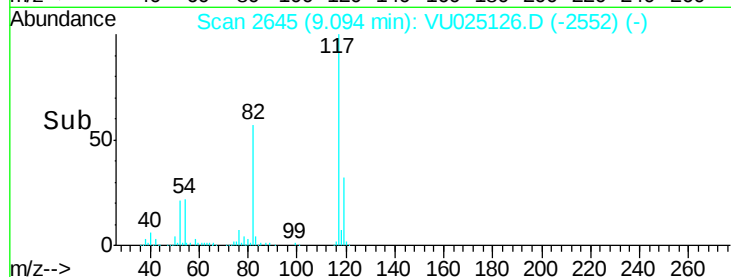
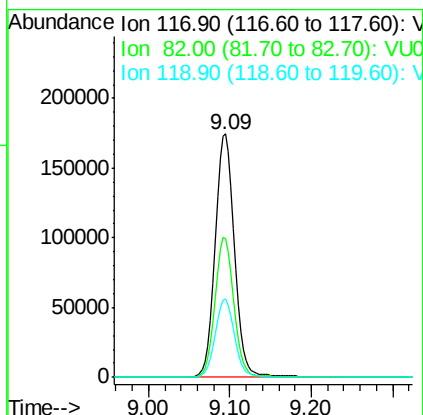
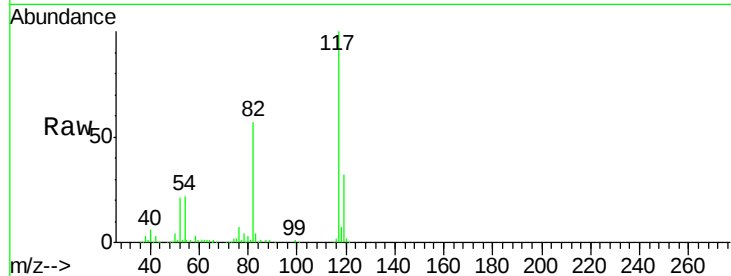
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025126.D
Acq: 01 Jul 2018 07:45

Instrument :
MSVOA_U
ClientSampleId :
MW-4

Tot Ion	Ratio	Resp	Lower	Upper
117	100	294365		
82	56.9		44.3	66.5
119	32.0		25.4	38.2

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025126.D
Acq: 01 Jul 2018 07:45

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	149808		
115	59.1		43.0	129.0
150	156.4		0.0	354.0

