

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024576.D
 Acq On : 15 Jun 2018 05:59
 Operator : MD/SY
 Sample : J3478-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW612-180612

Quant Time: Jun 15 08:32:52 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

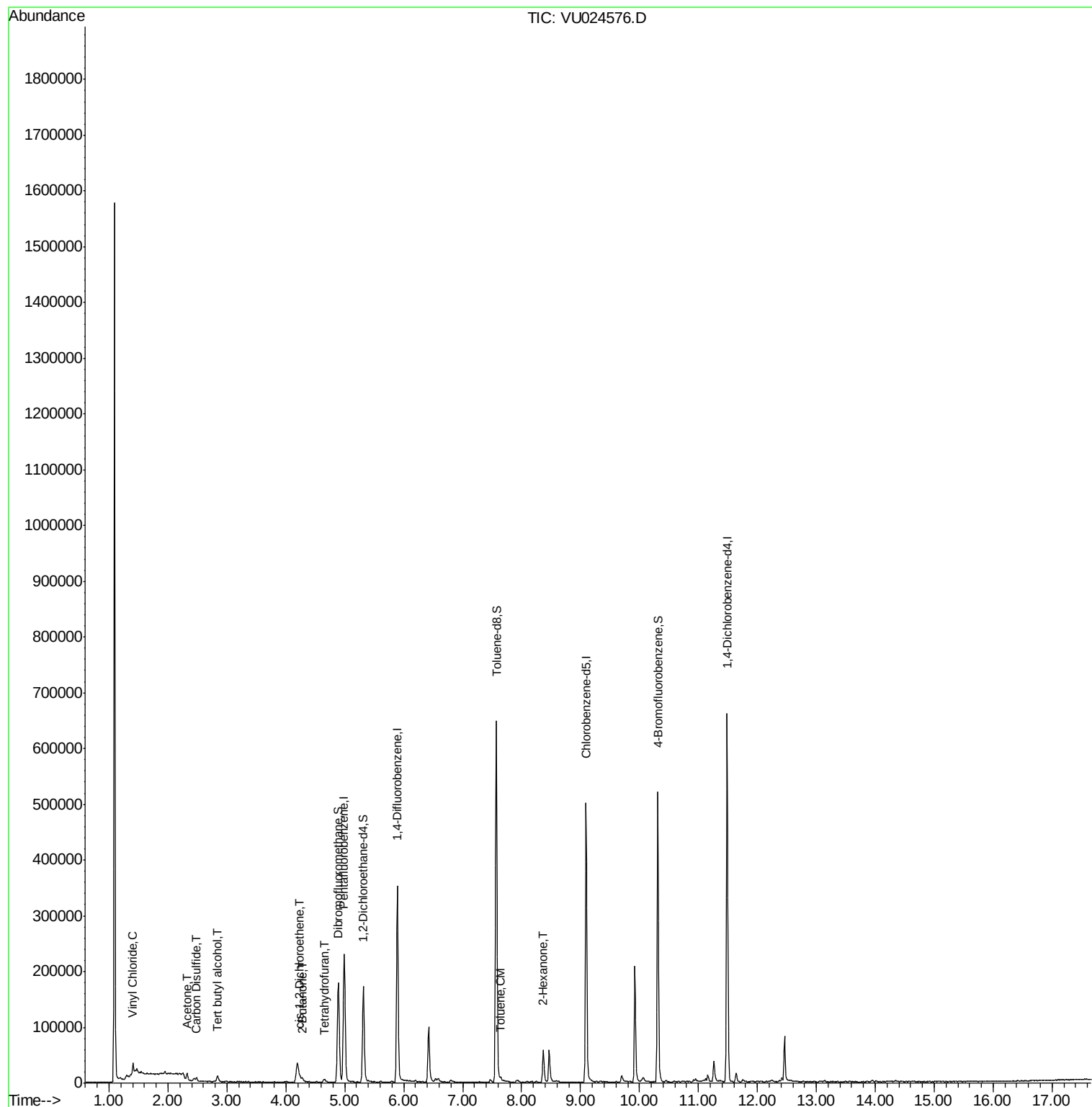
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	186738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305133	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	291669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	175342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	132018	43.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.62%	
35) Dibromofluoromethane	4.89	113	120661	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
50) Toluene-d8	7.57	98	447891	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.31	95	170914	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	9599	3.898	ug/l #	66
11) Tert butyl alcohol	2.84	59	6814	9.190	ug/l #	74
16) Acetone	2.32	43	12922	7.889	ug/l	95
17) Carbon Disulfide	2.48	76	8054	1.183	ug/l	99
25) 2-Butanone	4.27	43	11588	5.267	ug/l	92
27) cis-1,2-Dichloroethene	4.23	96	3761	1.397	ug/l	86
29) Tetrahydrofuran	4.66	42	4463	3.276	ug/l #	92
52) Toluene	7.64	92	1591	0.242	ug/l	95
59) 2-Hexanone	8.37	43	39808	11.489	ug/l	98

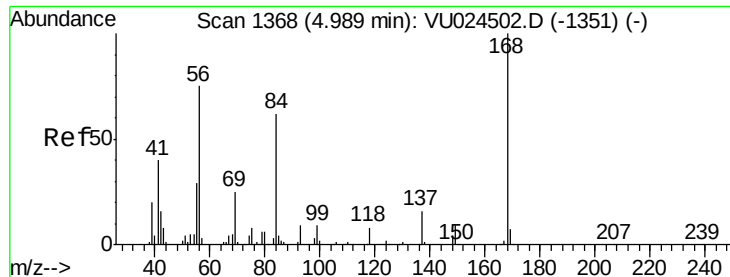
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU024576.D

Acq: 15 Jun 2018 05:59

Instrument :

MSVOA_U

ClientSampleId :

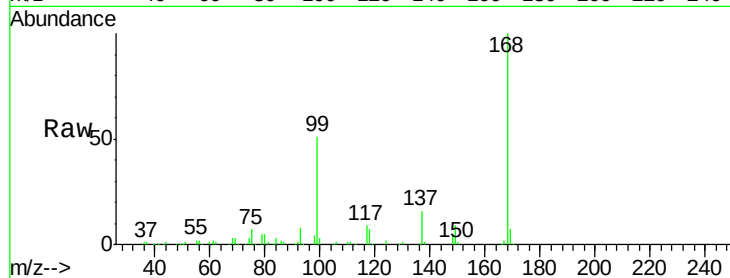
SS050MW612-180612

Tot Ion:168 Resp: 186738

Ion Ratio Lower Upper

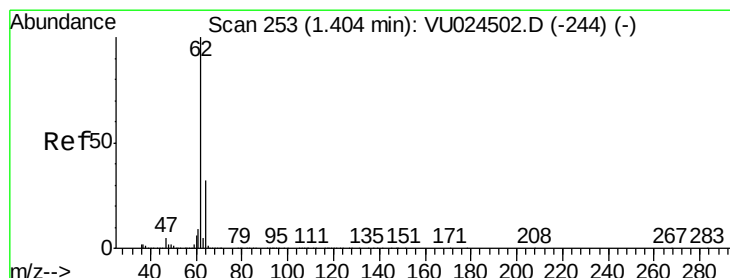
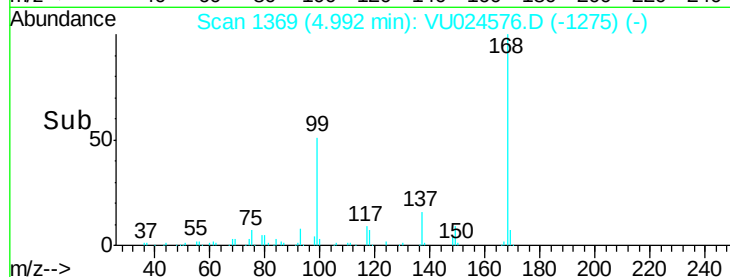
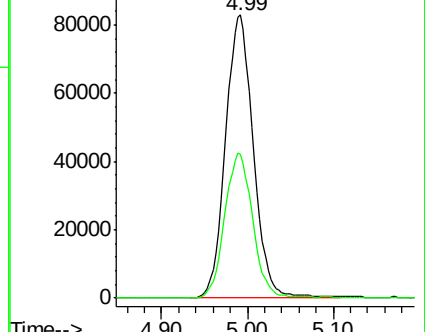
168 100

99 50.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#4

Vinyl Chloride

Concen: 3.898 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024576.D

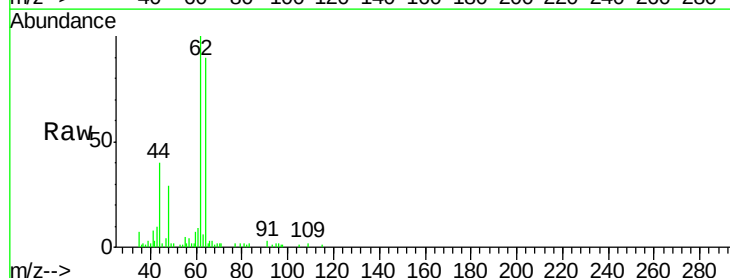
Acq: 15 Jun 2018 05:59

Tgt Ion: 62 Resp: 9599

Ion Ratio Lower Upper

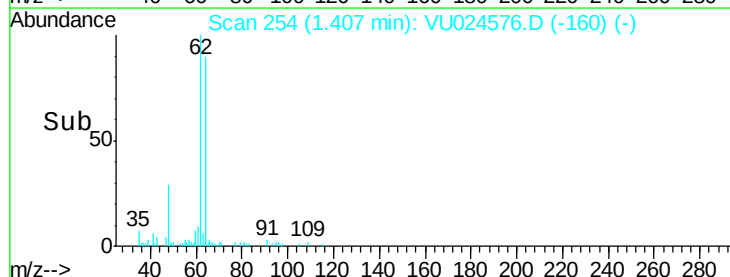
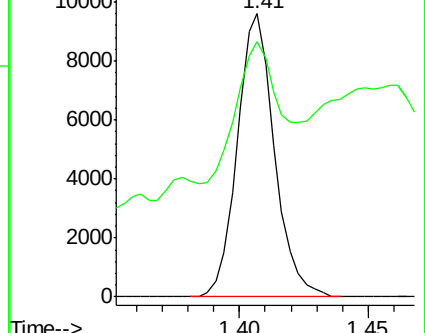
62 100

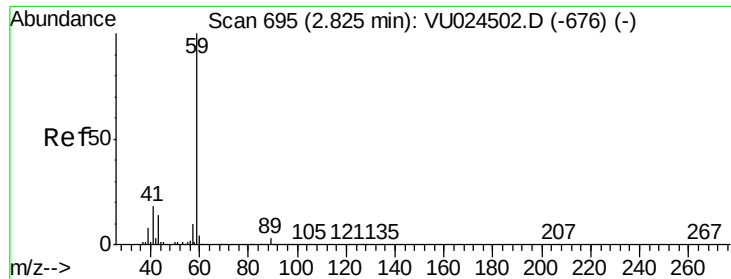
64 49.5 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)

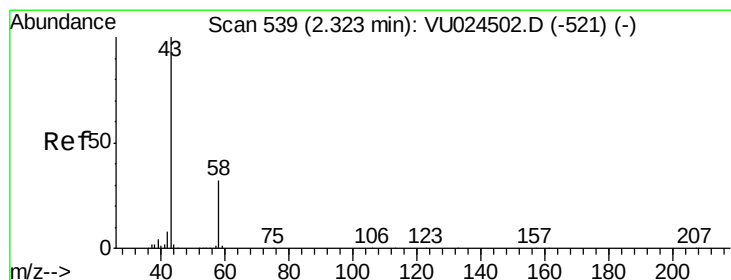
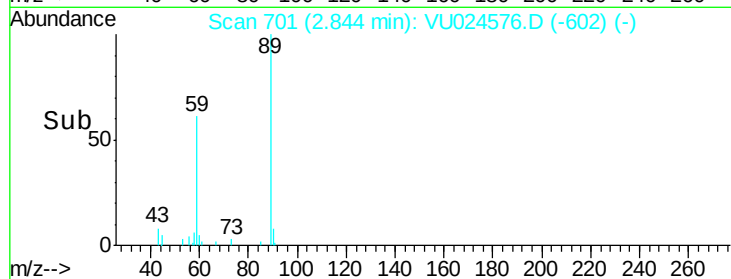
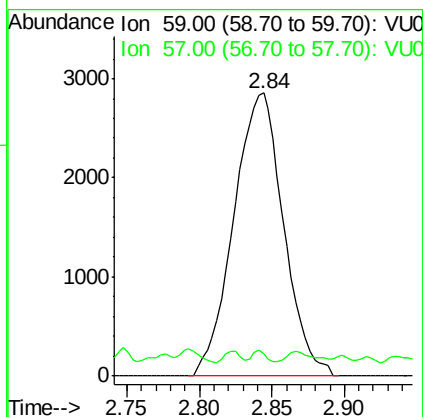
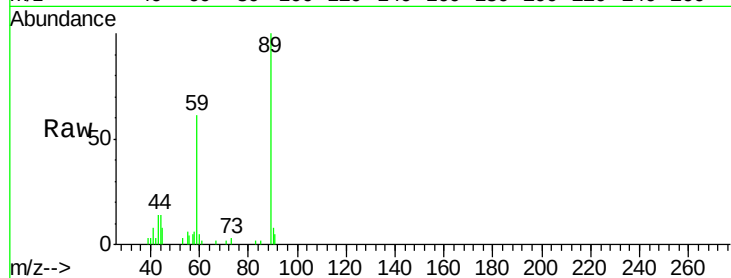




#11
 Tert butyl alcohol
 Concen: 9.190 ug/l
 RT: 2.84 min Scan# 701
 Delta R.T. 0.02 min
 Lab File: VU024576.D
 Acq: 15 Jun 2018 05:59

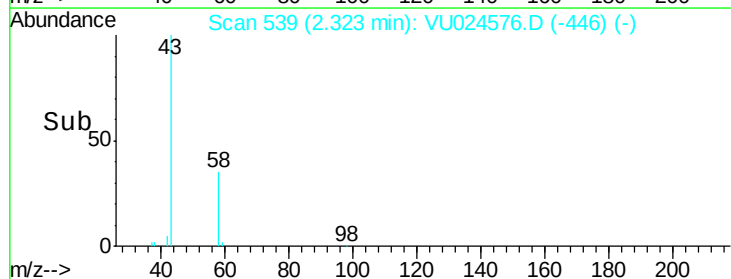
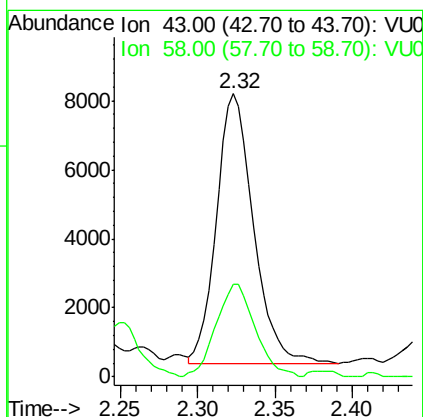
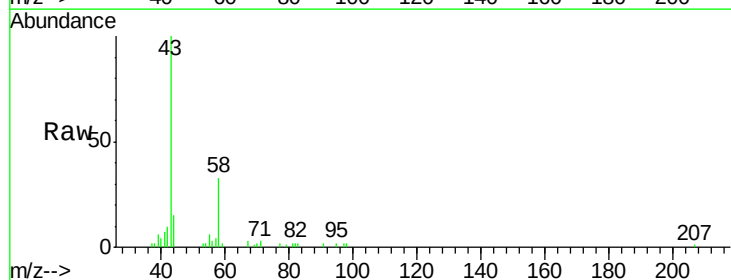
Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW612-180612

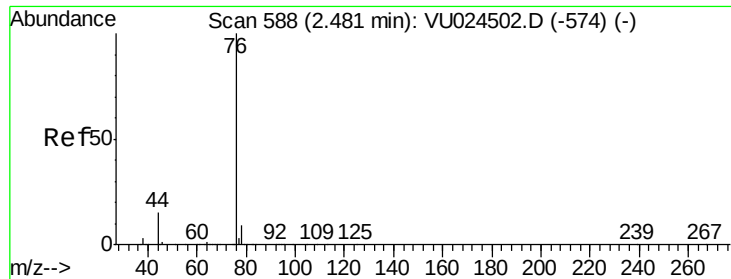
Tot Ion: 59 Resp: 6814
 Ion Ratio Lower Upper
 59 100
 57 1.0 8.5 12.7#



#16
 Acetone
 Concen: 7.889 ug/l
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU024576.D
 Acq: 15 Jun 2018 05:59

Tgt Ion: 43 Resp: 12922
 Ion Ratio Lower Upper
 43 100
 58 33.2 24.4 36.6





#17

Carbon Disulfide

Concen: 1.183 ug/l

RT: 2.48 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU024576.D

Acq: 15 Jun 2018 05:59

Instrument :

MSVOA_U

ClientSampleId :

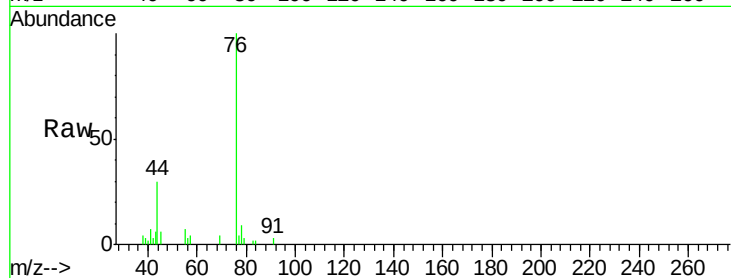
SS050MW612-180612

Tot Ion: 76 Resp: 8054

Ion Ratio Lower Upper

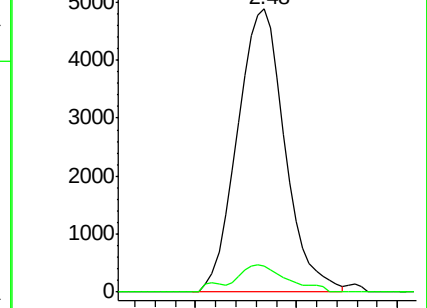
76 100

78 9.1 7.1 10.7

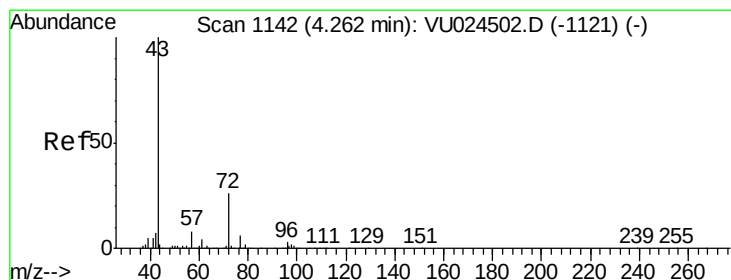
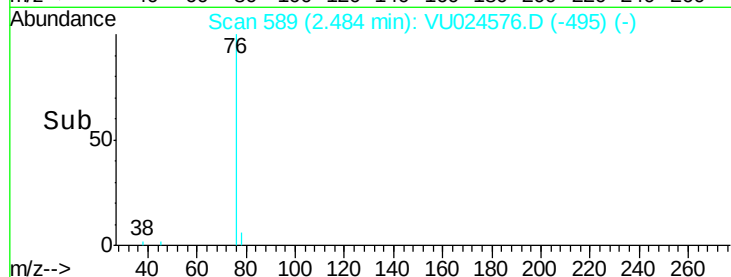


Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



Time-->



#25

2-Butanone

Concen: 5.267 ug/l

RT: 4.27 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VU024576.D

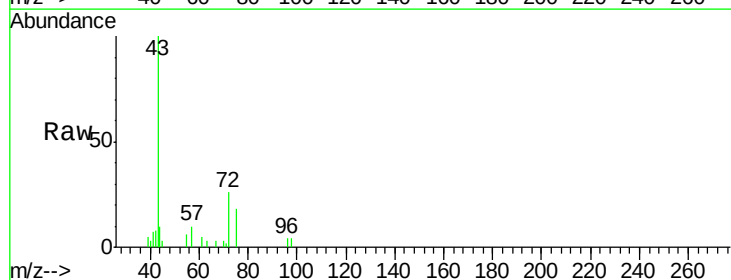
Acq: 15 Jun 2018 05:59

Tgt Ion: 43 Resp: 11588

Ion Ratio Lower Upper

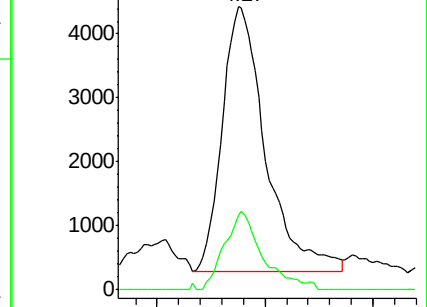
43 100

72 28.3 19.6 29.4

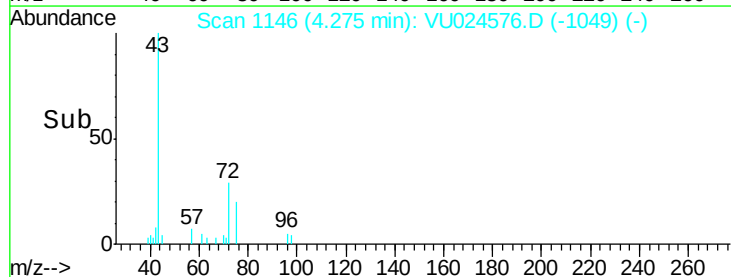


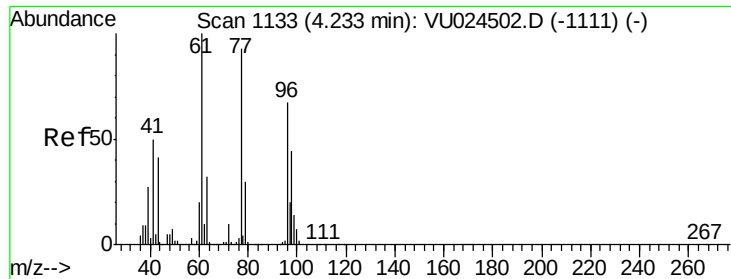
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 1.397 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024576.D

Acq: 15 Jun 2018 05:59

Instrument :

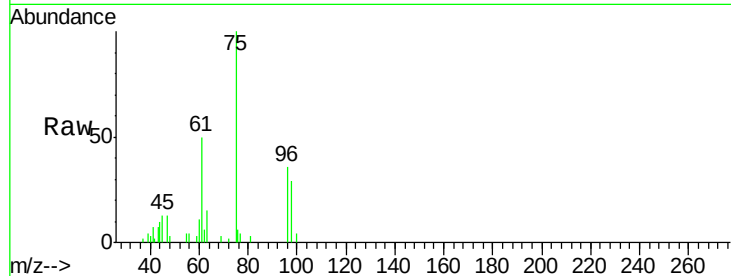
MSVOA_U

ClientSampleId :

SS050MW612-180612

Tot Ion: 96 Resp: 3761

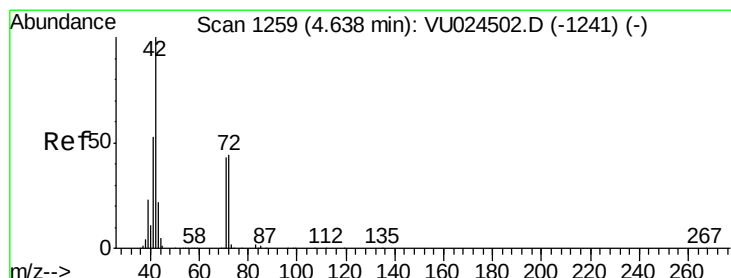
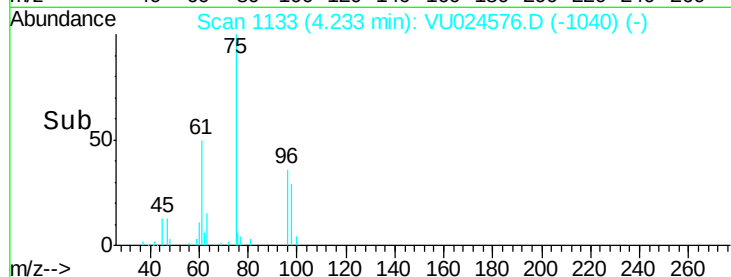
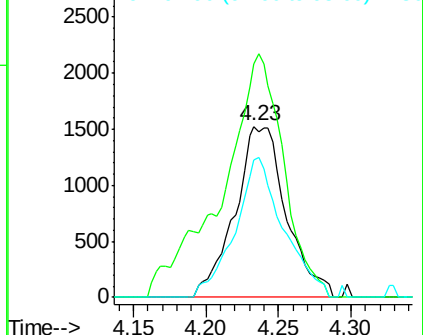
Ion	Ratio	Lower	Upper
96	100		
61	170.1	0.0	306.6
98	76.9	0.0	128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#29

Tetrahydrofuran

Concen: 3.276 ug/l

RT: 4.66 min Scan# 1265

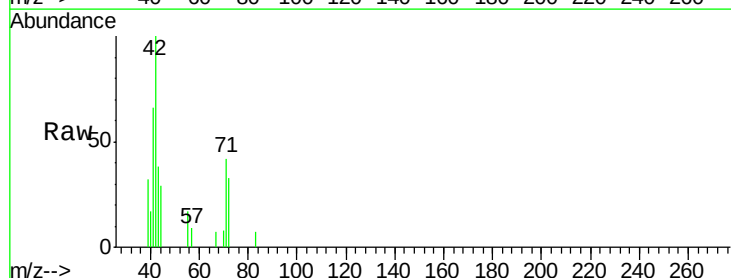
Delta R.T. 0.02 min

Lab File: VU024576.D

Acq: 15 Jun 2018 05:59

Tgt Ion: 42 Resp: 4463

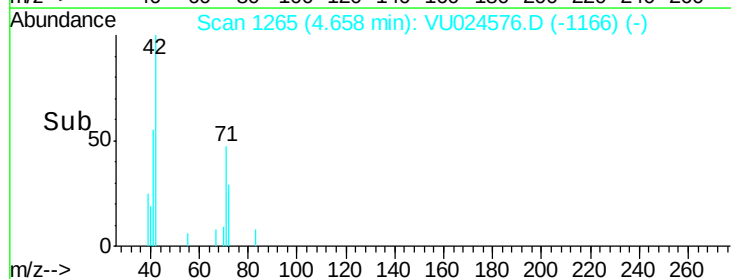
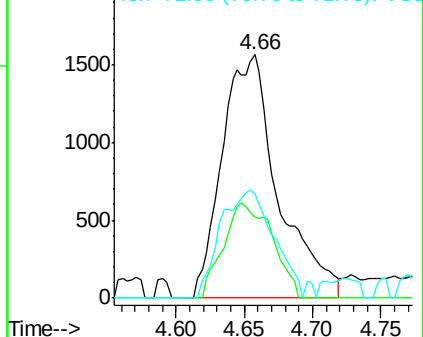
Ion	Ratio	Lower	Upper
42	100		
72	34.1	34.5	51.7#
71	41.8	32.2	48.4

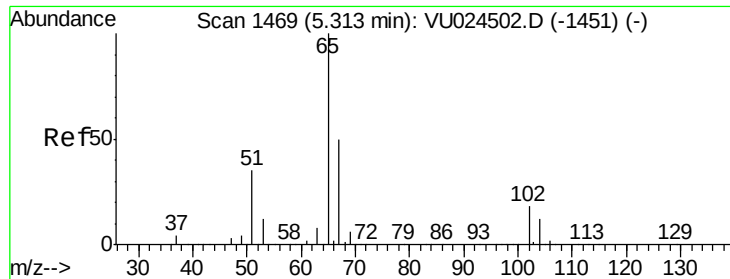


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

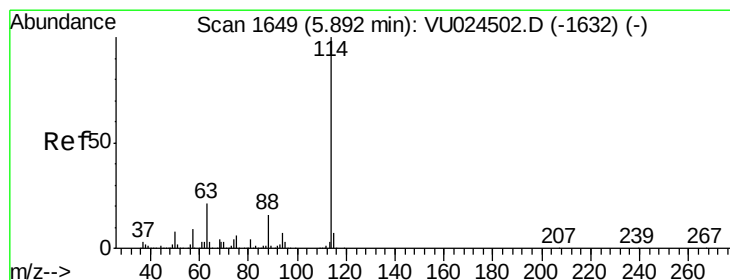
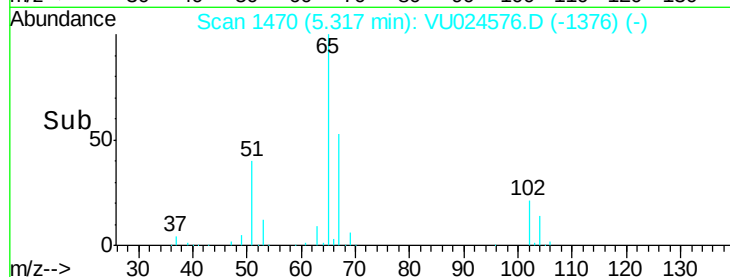
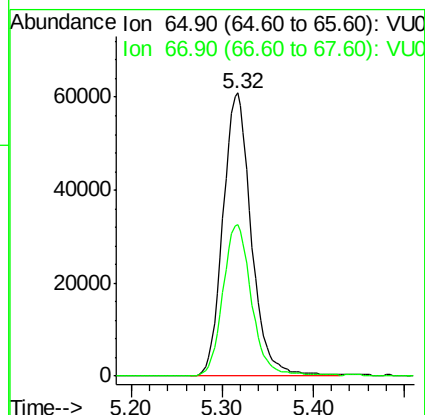
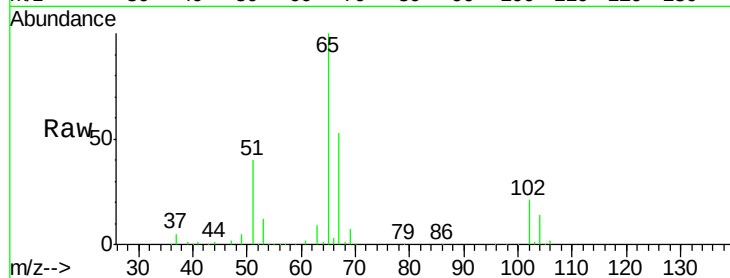




#33
 1,2-Dichloroethane-d4
 Concen: 43.305 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024576.D
 Acq: 15 Jun 2018 05:59

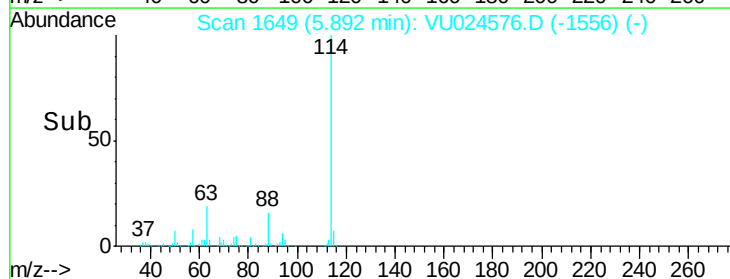
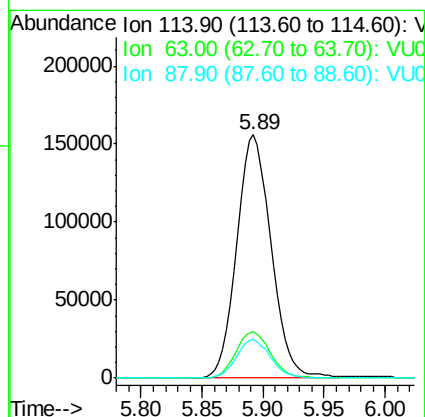
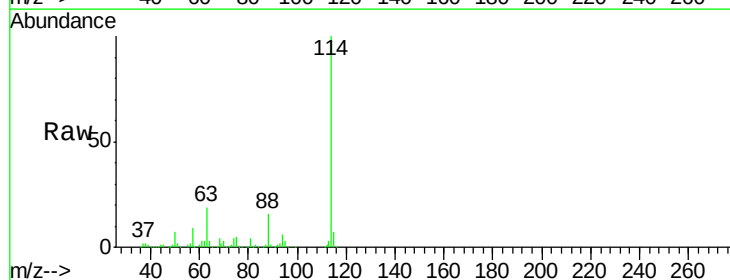
Instrument :
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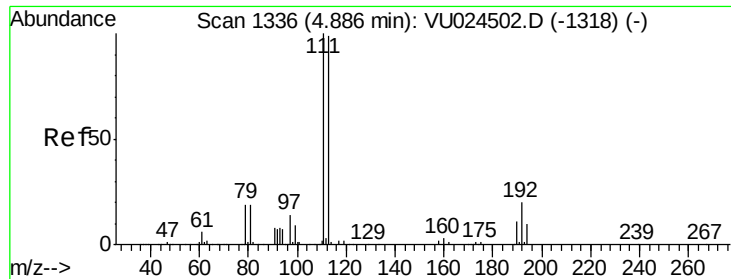
Tot Ion: 65 Resp: 132018
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024576.D
 Acq: 15 Jun 2018 05:59

Tgt Ion: 114 Resp: 305133
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 45.4
 88 15.9 0.0 31.0

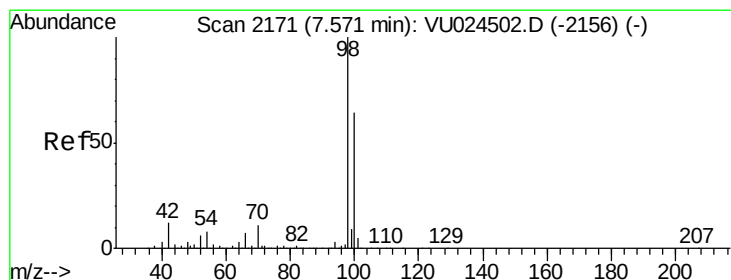
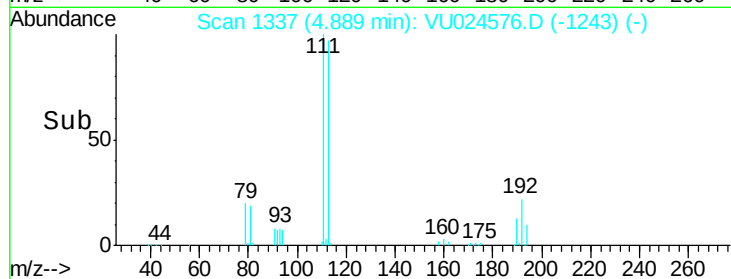
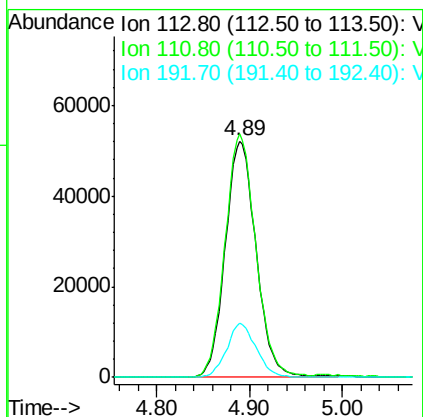
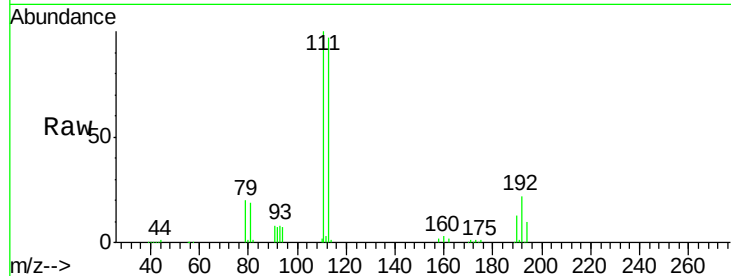




#35
 Dibromofluoromethane
 Concen: 47.647 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024576.D
 Acq: 15 Jun 2018 05:59

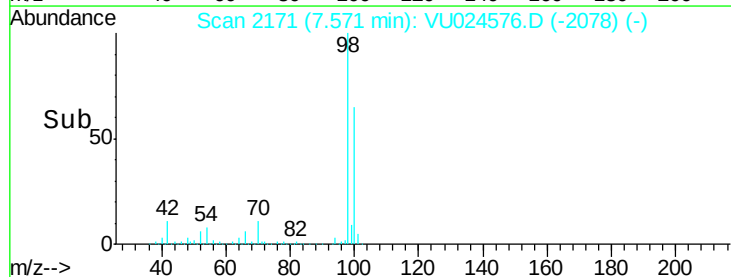
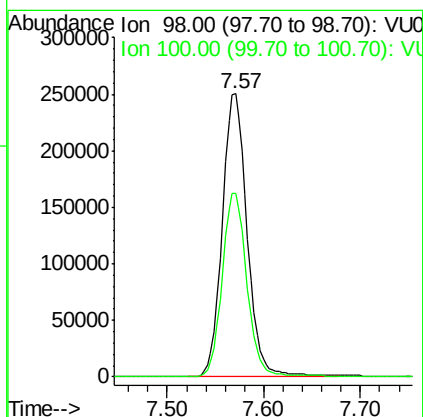
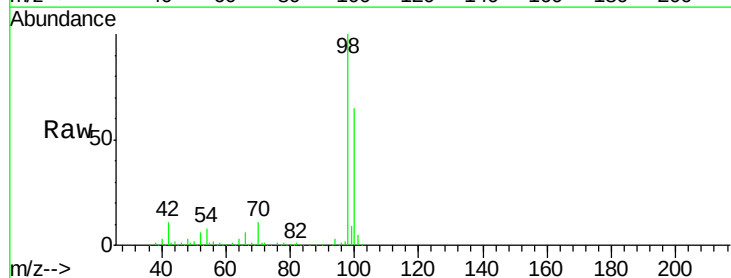
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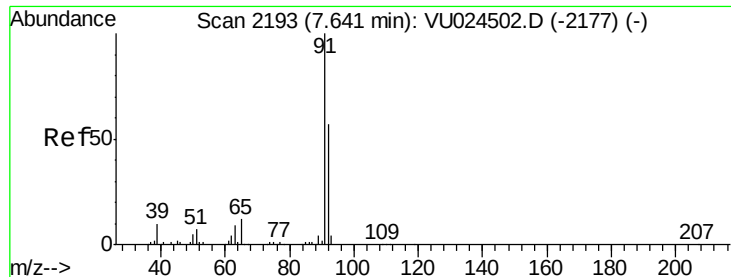
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	21.8	16.2	24.4



#50
 Toluene-d8
 Concen: 48.489 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024576.D
 Acq: 15 Jun 2018 05:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7





#52

Toluene

Concen: 0.242 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU024576.D

Acq: 15 Jun 2018 05:59

Instrument :

MSVOA_U

ClientSampleId :

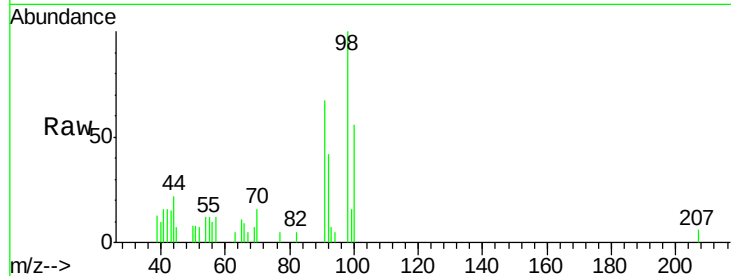
SS050MW612-180612

Tot Ion: 92 Resp: 1591

Ion Ratio Lower Upper

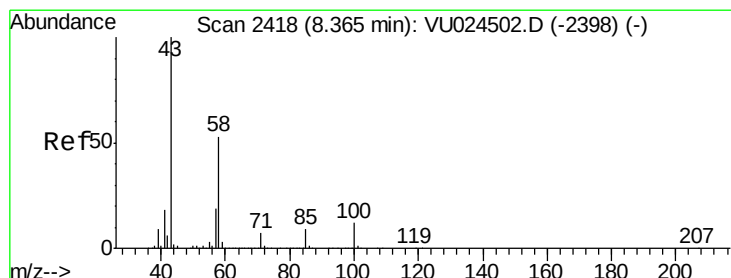
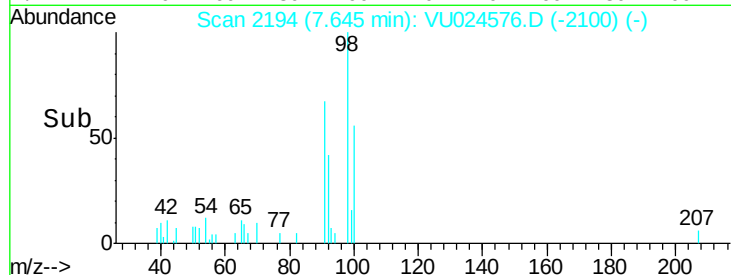
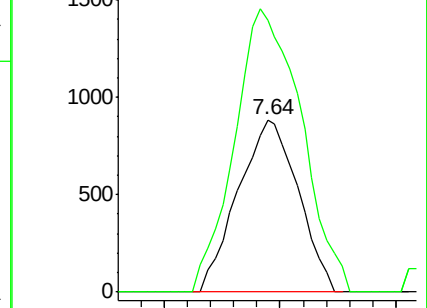
92 100

91 182.7 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#59

2-Hexanone

Concen: 11.489 ug/l

RT: 8.37 min Scan# 2419

Delta R.T. 0.00 min

Lab File: VU024576.D

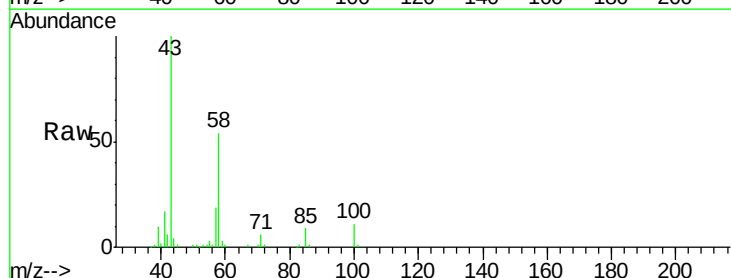
Acq: 15 Jun 2018 05:59

Tgt Ion: 43 Resp: 39808

Ion Ratio Lower Upper

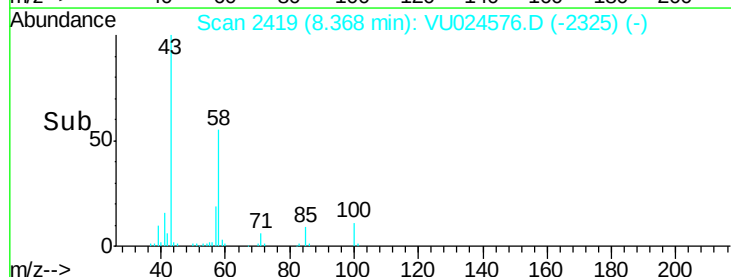
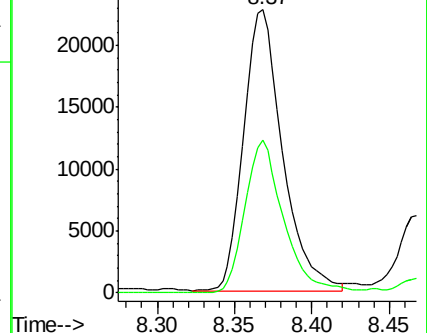
43 100

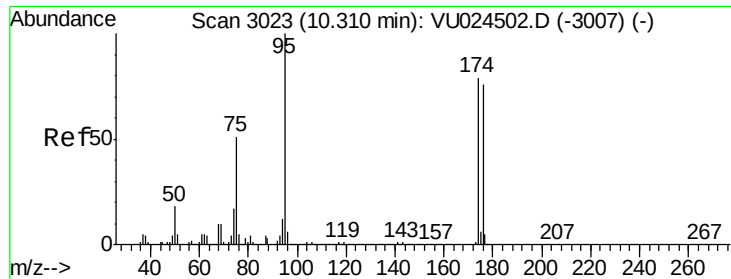
58 54.1 26.4 79.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

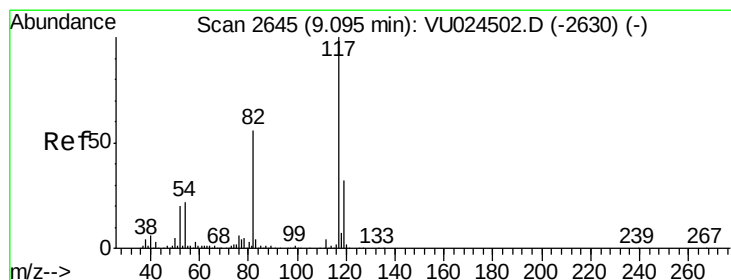
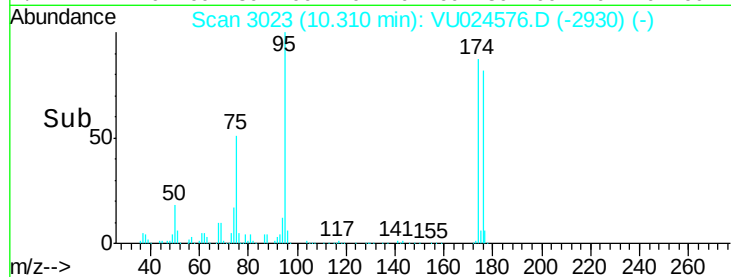
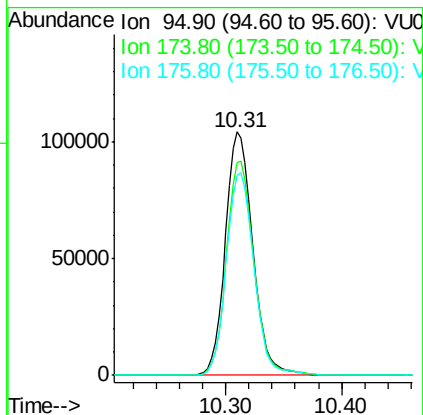
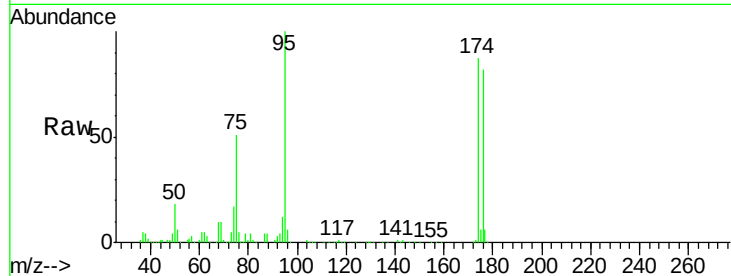




#62
4-Bromofluorobenzene
Concen: 46.603 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024576.D
Acq: 15 Jun 2018 05:59

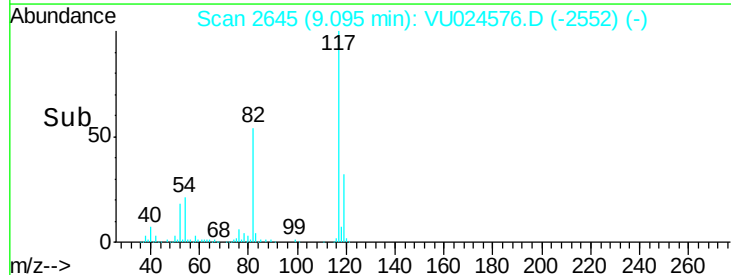
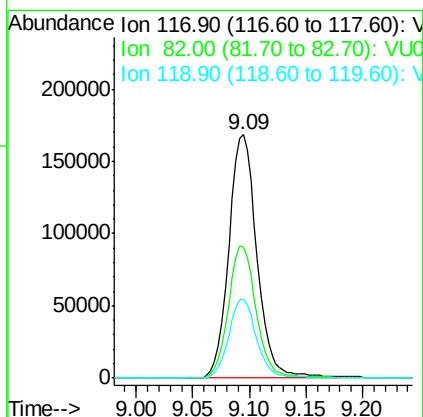
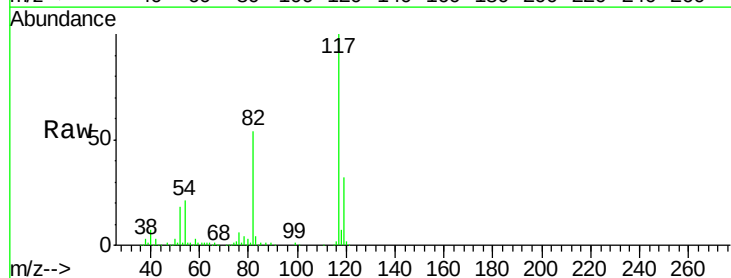
Instrument :
MSVOA_U
ClientSampleId :
SS050MW612-180612

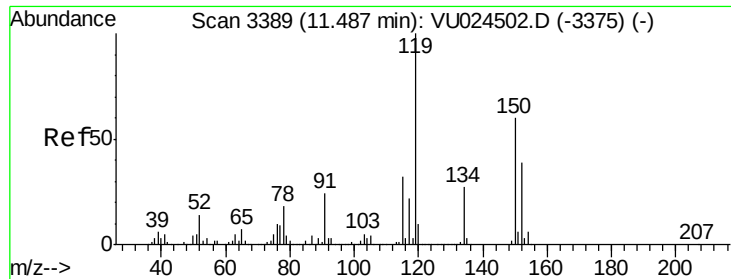
Tot Ion: 95 Resp: 170914
Ion Ratio Lower Upper
95 100
174 87.9 0.0 165.8
176 84.2 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024576.D
Acq: 15 Jun 2018 05:59

Tgt Ion: 117 Resp: 291669
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 32.4 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024576.D

Acq: 15 Jun 2018 05:59

Instrument :

MSVOA_U

ClientSampleId :

SS050MW612-180612

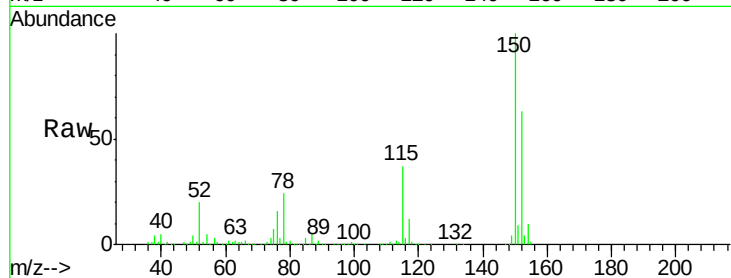
Tot Ion:152 Resp: 175342

Ion Ratio Lower Upper

152 100

115 56.2 43.0 129.0

150 155.9 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

