

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024570.D
 Acq On : 15 Jun 2018 03:40
 Operator : MD/SY
 Sample : J3478-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0469-180610

Quant Time: Jun 15 05:48:38 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

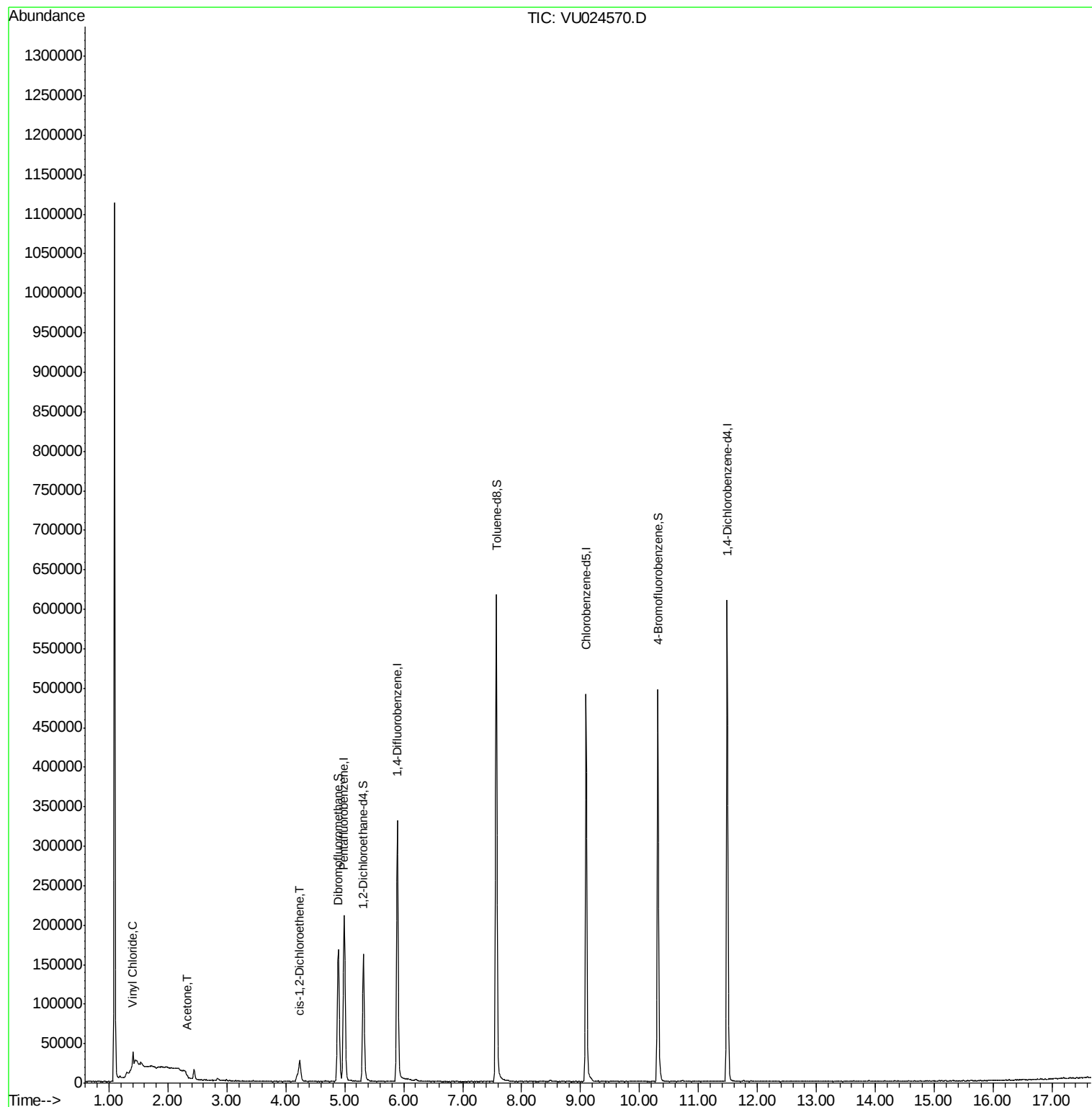
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	175064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	290299	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	169413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	126000	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	
35) Dibromofluoromethane	4.89	113	115109	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	7.57	98	433618	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	10.31	95	165772	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
Target Compounds						
4) Vinyl Chloride	1.41	62	10735	4.650	ug/l #	73
16) Acetone	2.32	43	2640	1.719	ug/l	91
27) cis-1,2-Dichloroethene	4.23	96	15310	6.066	ug/l	81

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024570.D

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Instrument :

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ClientSampleId :

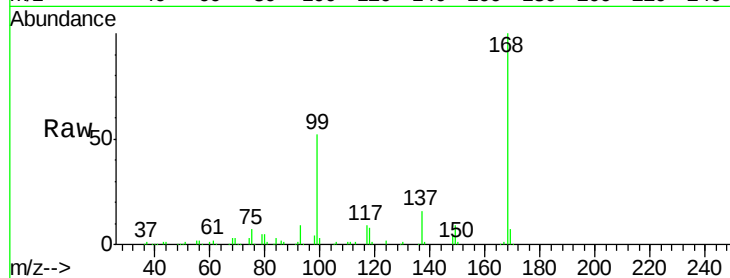
DUP-0469-180610

Tot Ion:168 Resp: 175064

Ion Ratio Lower Upper

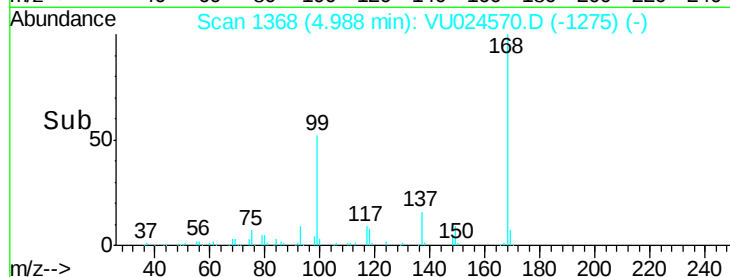
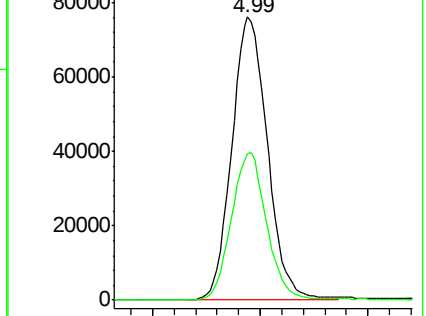
168 100

99 52.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024570.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024570.D (-1351) (-)



#4

Vinyl Chloride

Concen: 4.650 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024570.D

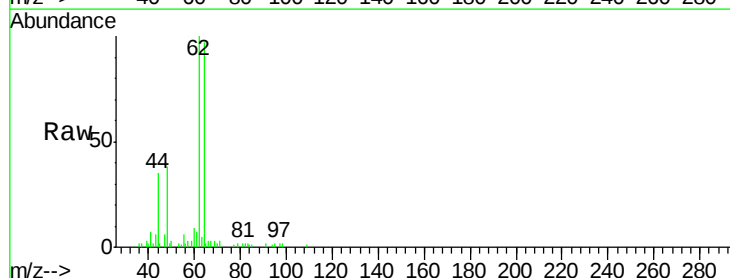
Acq: 15 Jun 2018 03:40

Tgt Ion: 62 Resp: 10735

Ion Ratio Lower Upper

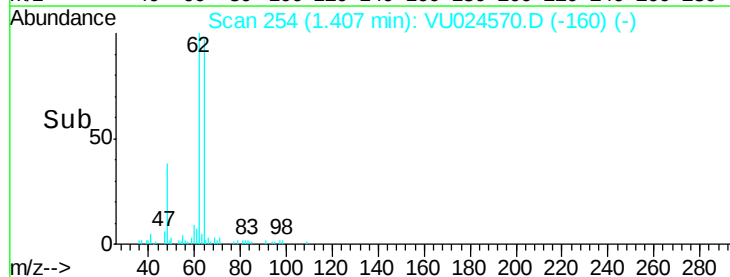
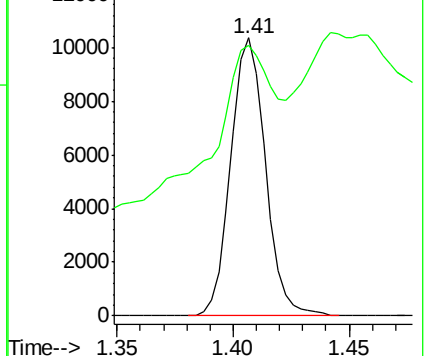
62 100

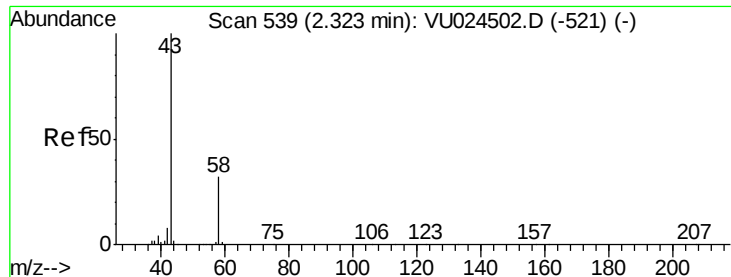
64 45.8 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU024570.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024570.D (-244) (-)





#16

Acetone

Concen: 1.719 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

Instrument :

MSVOA_U

ClientSampleId :

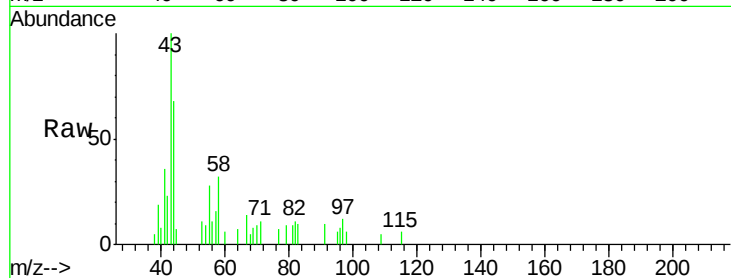
DUP-0469-180610

Tot Ion: 43 Resp: 2640

Ion Ratio Lower Upper

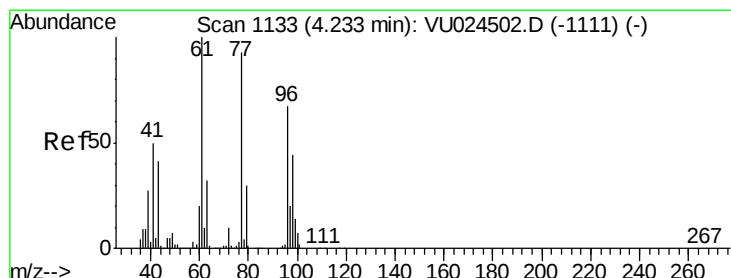
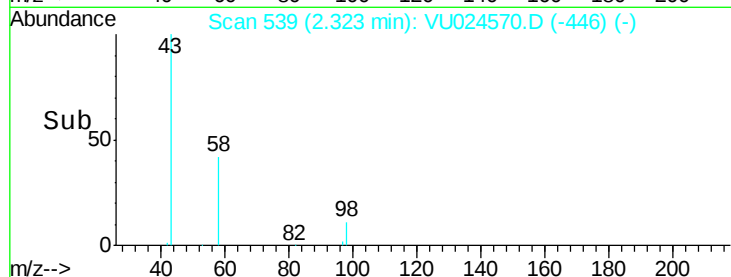
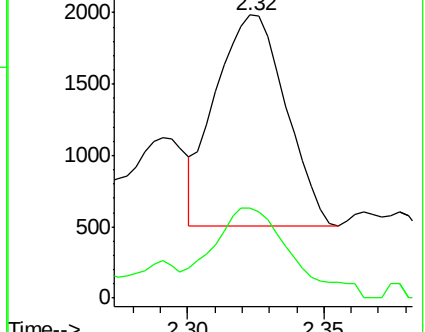
43 100

58 35.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#27

cis-1,2-Dichloroethene

Concen: 6.066 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

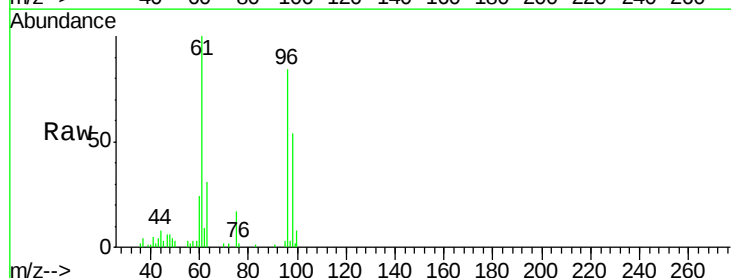
Tgt Ion: 96 Resp: 15310

Ion Ratio Lower Upper

96 100

61 119.3 0.0 306.6

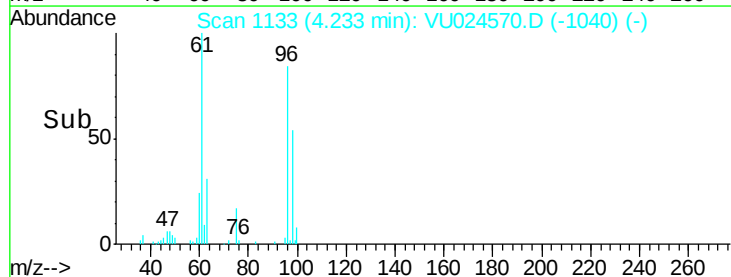
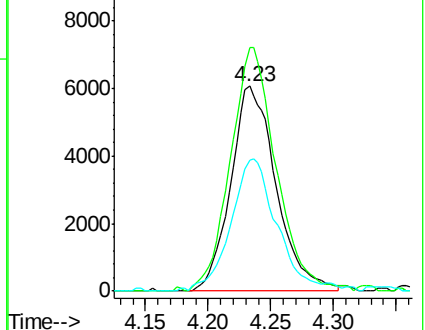
98 64.5 0.0 128.8

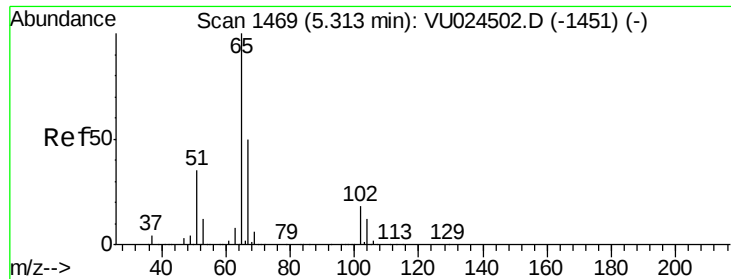


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 44.087 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

Instrument :

MSVOA_U

ClientSampleId :

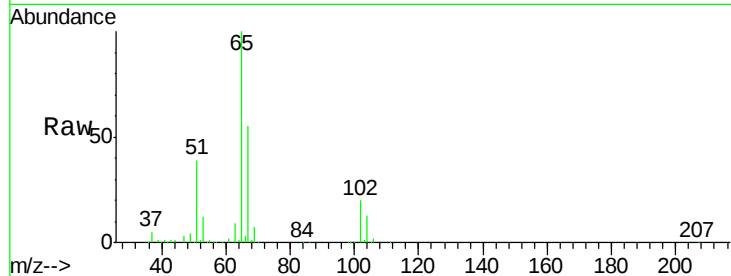
DUP-0469-180610

Tot Ion: 65 Resp: 126000

Ion Ratio Lower Upper

65 100

67 54.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024570.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024570.D (-1376) (-)

60000

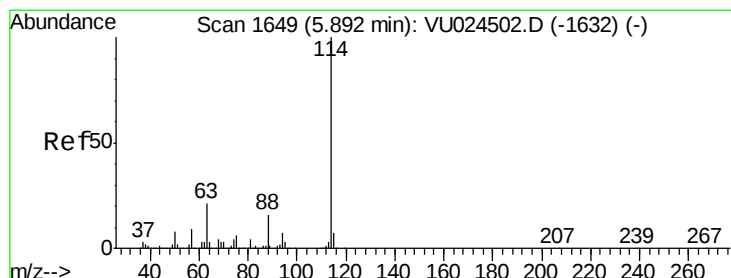
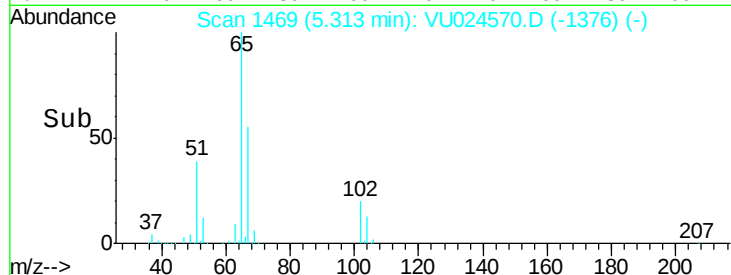
40000

20000

0

5.20 5.30 5.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

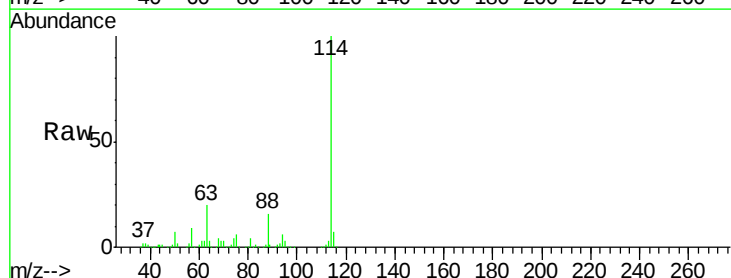
Tgt Ion: 114 Resp: 290299

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.4

88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU024570.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024570.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024570.D (-1556) (-)

200000

150000

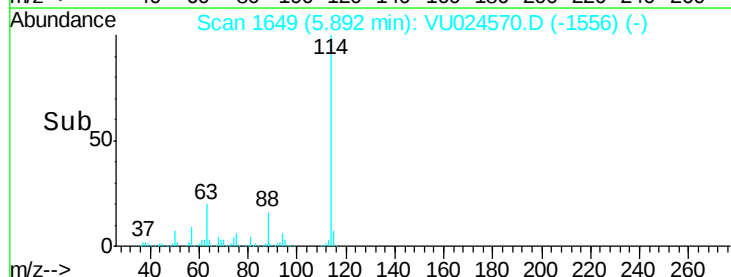
100000

50000

0

5.80 5.90 6.00

Time-->





#35

Dibromofluoromethane

Concen: 47.778 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

Instrument :

MSVOA_U

ClientSampleId :

DUP-0469-180610

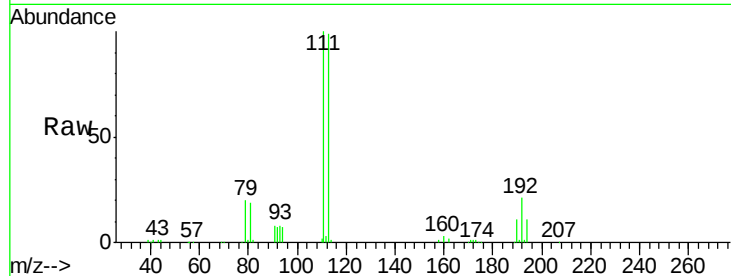
Tot Ion:113 Resp: 115109

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

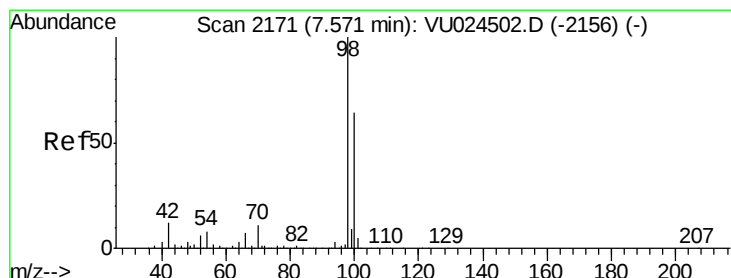
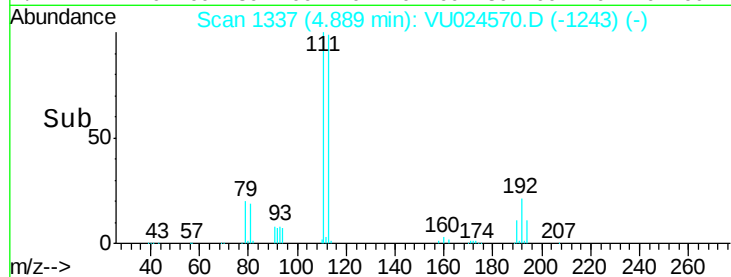
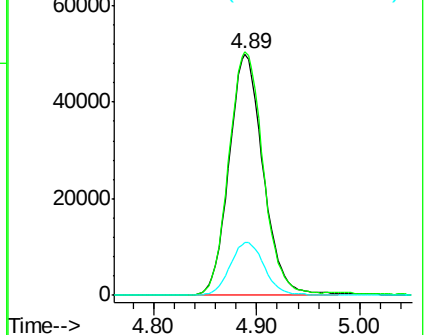
192 22.2 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 49.342 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024570.D

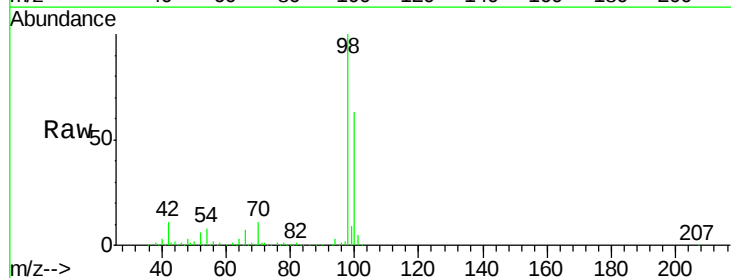
Acq: 15 Jun 2018 03:40

Tgt Ion: 98 Resp: 433618

Ion Ratio Lower Upper

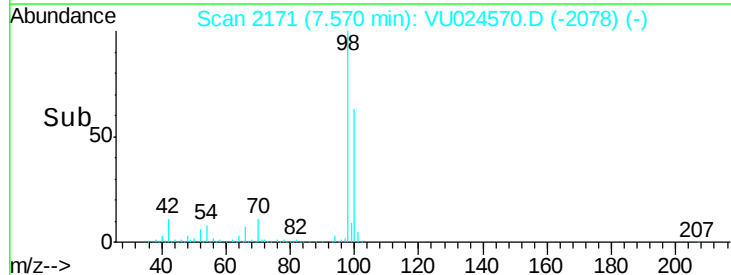
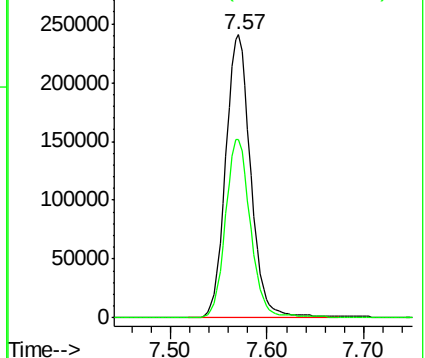
98 100

100 63.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

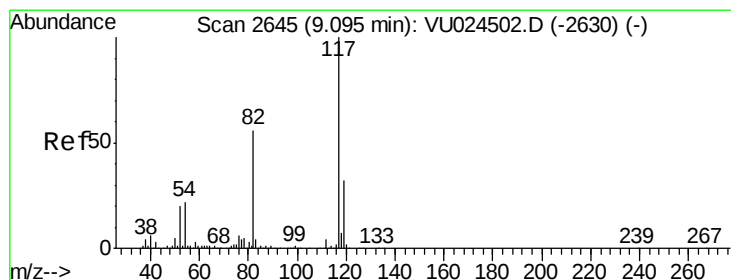
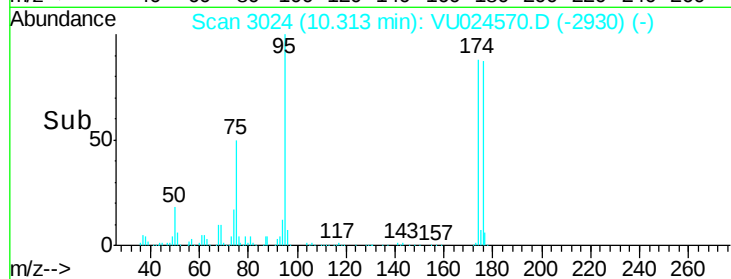
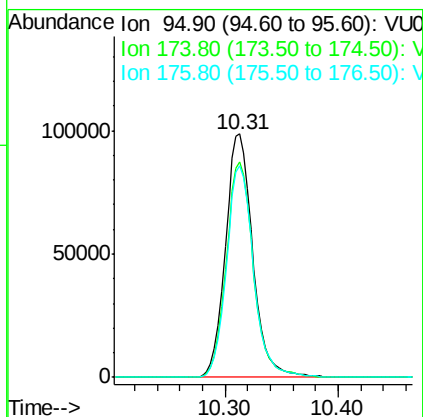
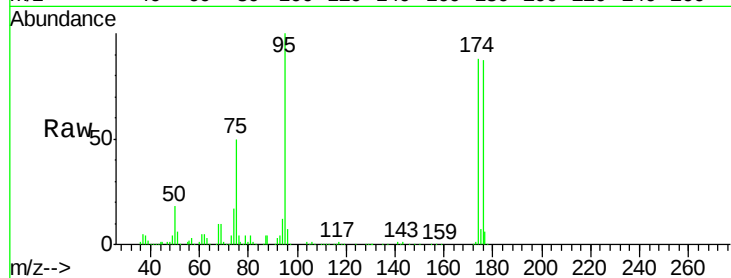




#62
4-Bromofluorobenzene
Concen: 47.510 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU024570.D
Acq: 15 Jun 2018 03:40

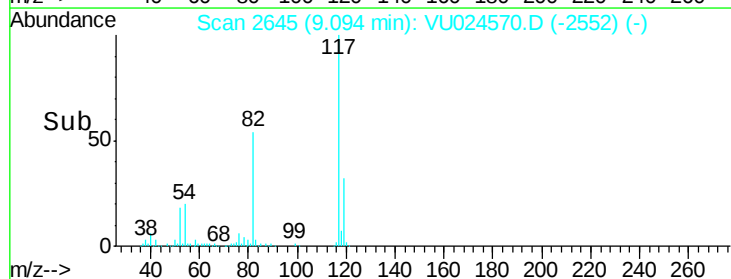
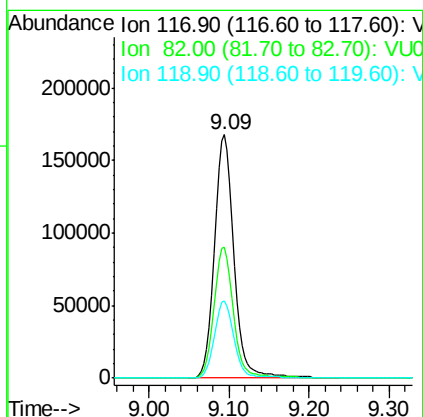
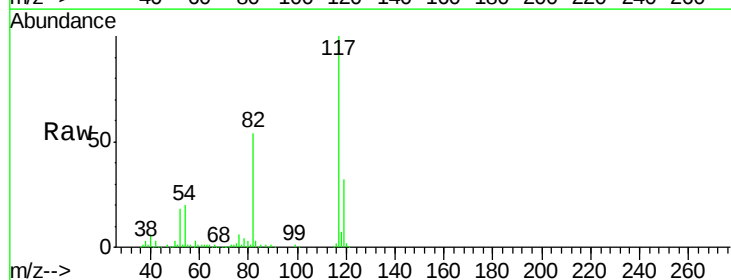
Instrument :
MSVOA_U
ClientSampleId :
DUP-0469-180610

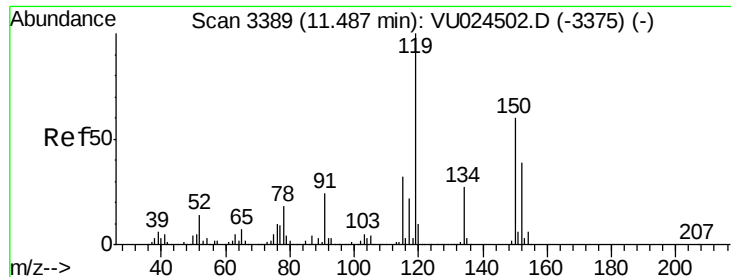
Tot Ion: 95 Resp: 165772
Ion Ratio Lower Upper
95 100
174 88.2 0.0 165.8
176 86.1 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024570.D
Acq: 15 Jun 2018 03:40

Tgt Ion: 117 Resp: 285391
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024570.D

Acq: 15 Jun 2018 03:40

Instrument :

MSVOA_U

ClientSampleId :

DUP-0469-180610

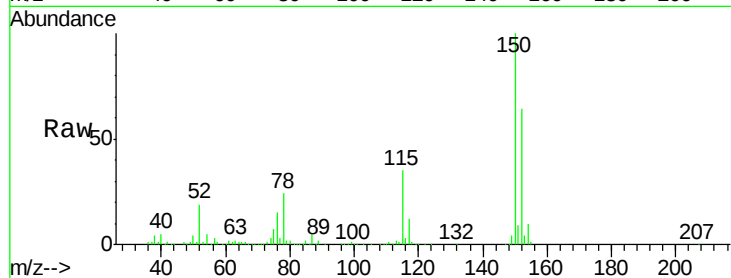
Tot Ion:152 Resp: 169413

Ion Ratio Lower Upper

152 100

115 55.6 43.0 129.0

150 154.8 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

