

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024943.D
 Acq On : 27 Jun 2018 00:46
 Operator : MD/SY
 Sample : J3669-26ME 5X
 Misc : 6.02g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0479-180620ME

Quant Time: Jun 27 05:22:17 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

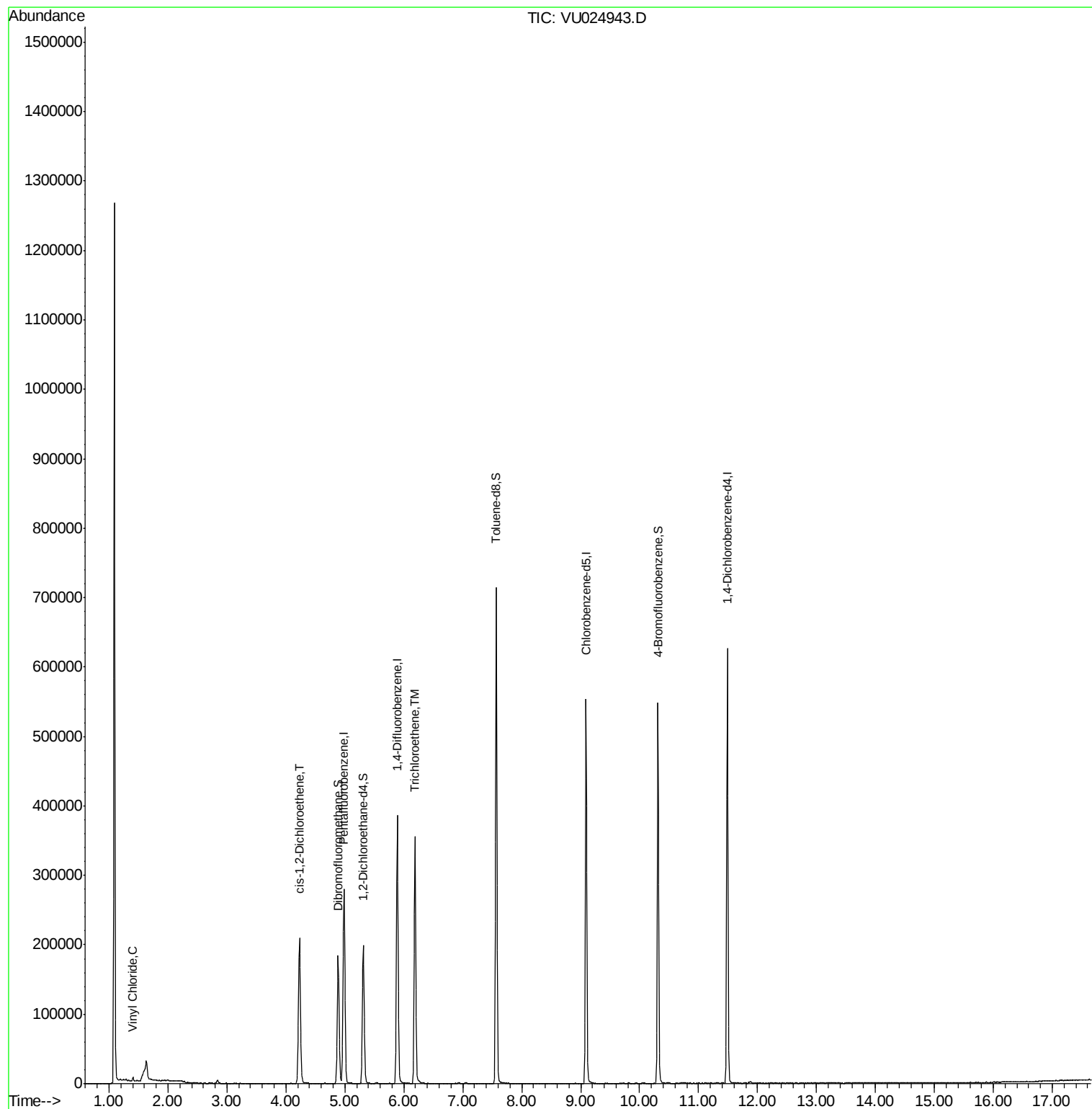
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	213347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	325577	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	297214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	160569	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
35) Dibromofluoromethane	4.89	113	123511	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
50) Toluene-d8	7.57	98	468611	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	10.31	95	176258	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
4) Vinyl Chloride	1.40	62	3462	1.23	ug/l	91
27) cis-1,2-Dichloroethene	4.23	96	116053	37.73	ug/l	89
44) Trichloroethene	6.19	130	124791	40.22	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024943.D

Acq: 27 Jun 2018 00:46

Instrument :

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ClientSampleId :

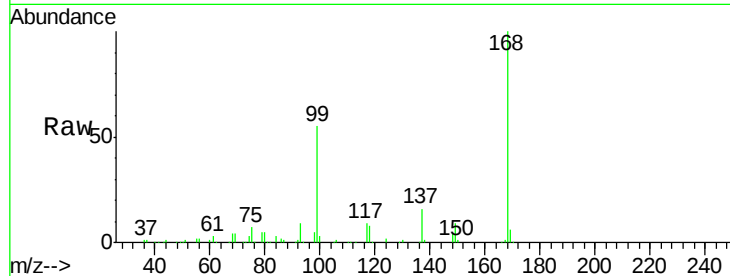
DUP-0479-180620ME

Tot Ion:168 Resp: 213347

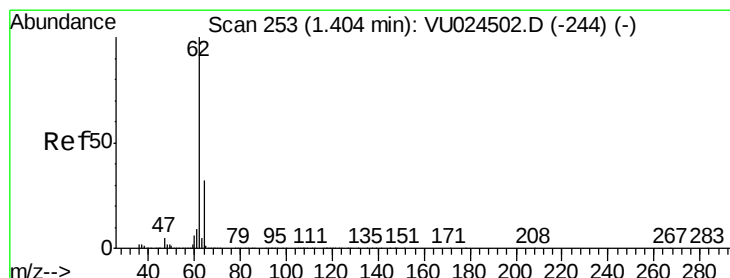
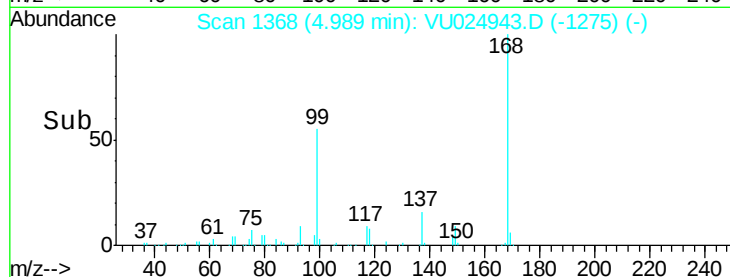
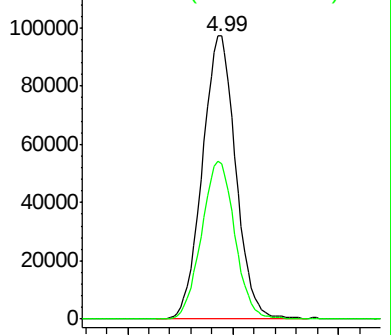
Ion Ratio Lower Upper

168 100

99 54.8 43.2 64.8



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



#4

Vinyl Chloride

Concen: 1.23 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024943.D

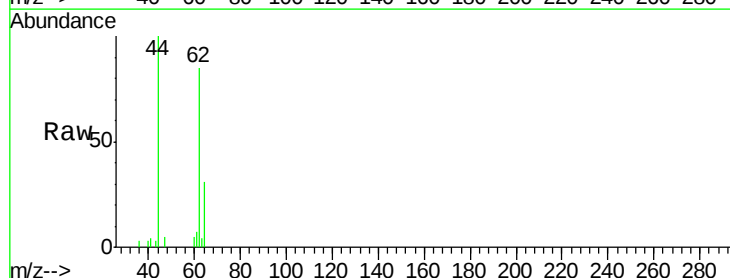
Acq: 27 Jun 2018 00:46

Tgt Ion: 62 Resp: 3462

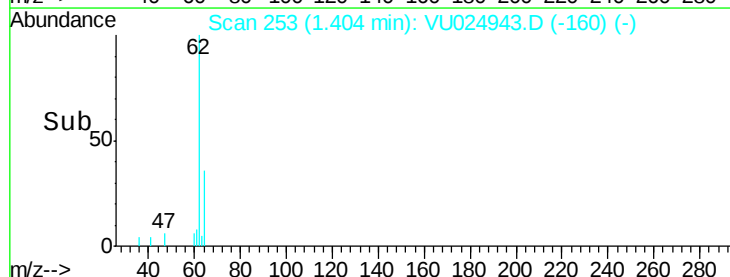
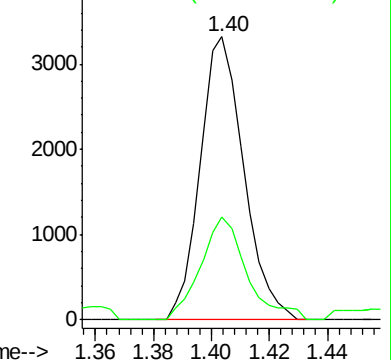
Ion Ratio Lower Upper

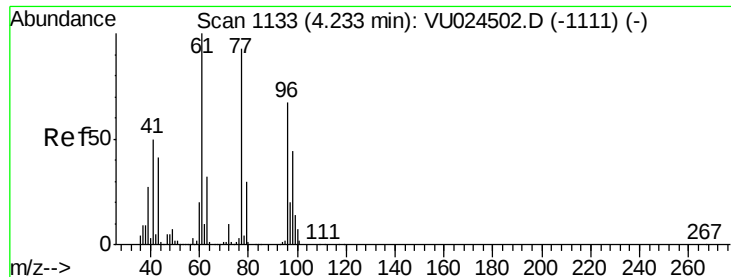
62 100

64 36.2 24.8 37.2



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





#27

cis-1,2-Dichloroethene

Concen: 37.73 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024943.D

Acq: 27 Jun 2018 00:46

Instrument :

MSVOA_U

ClientSampleId :

DUP-0479-180620ME

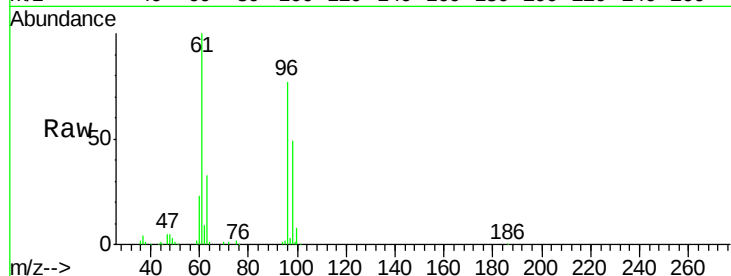
Tot Ion: 96 Resp: 116053

Ion Ratio Lower Upper

96 100

61 133.5 0.0 306.6

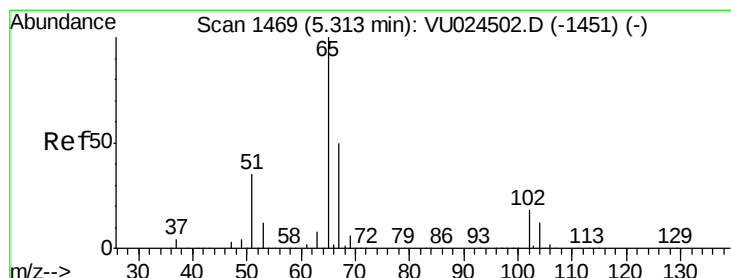
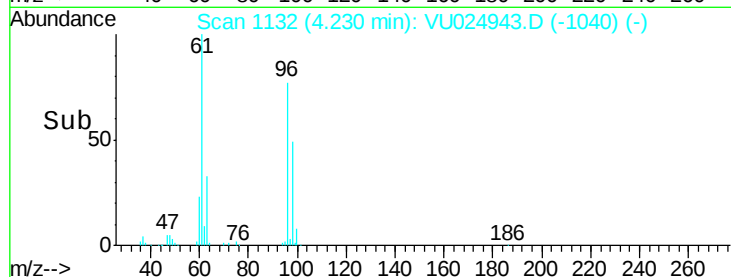
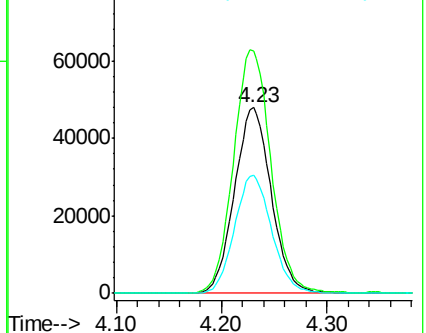
98 63.8 0.0 128.8



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: 46.10 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024943.D

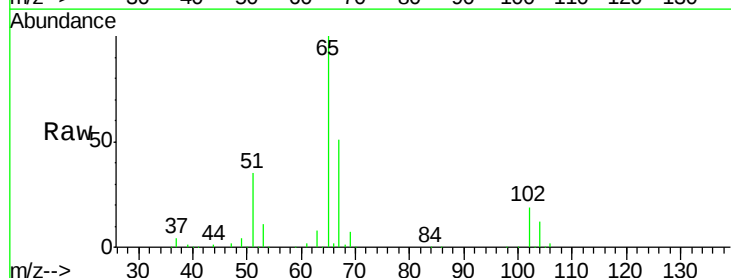
Acq: 27 Jun 2018 00:46

Tgt Ion: 65 Resp: 160569

Ion Ratio Lower Upper

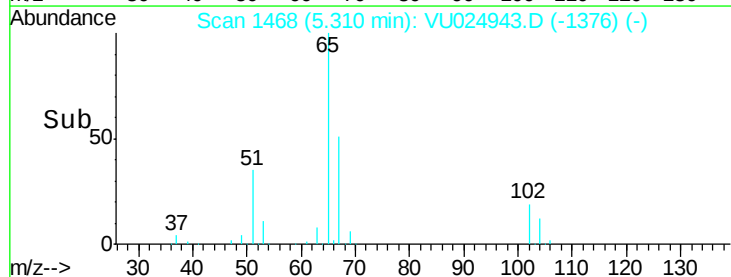
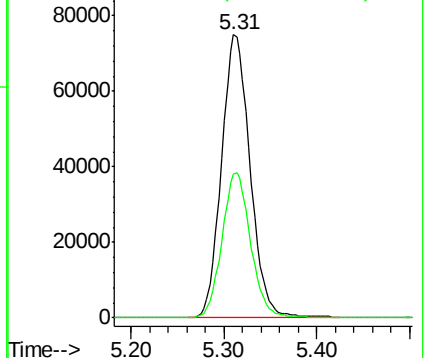
65 100

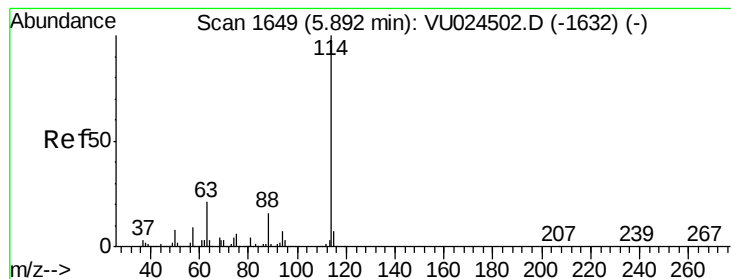
67 51.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024943.D

Acq: 27 Jun 2018 00:46

Instrument :

MSVOA_U

ClientSampleId :

DUP-0479-180620ME

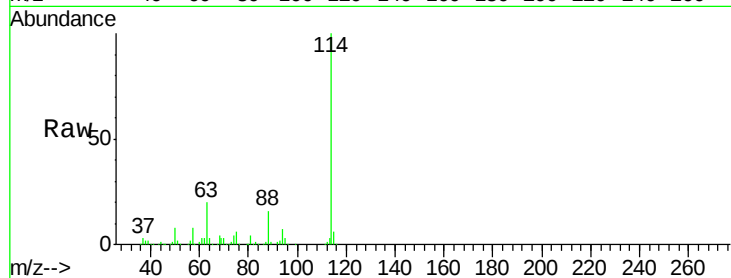
Tot Ion:114 Resp: 325577

Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.4

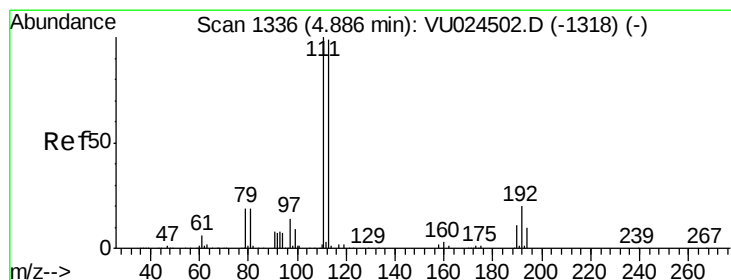
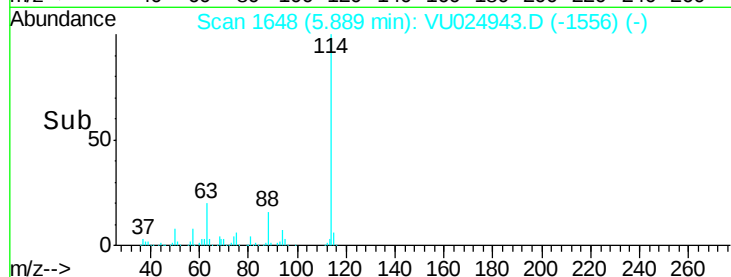
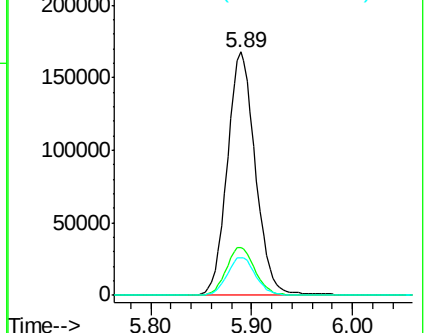
88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 45.71 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024943.D

Acq: 27 Jun 2018 00:46

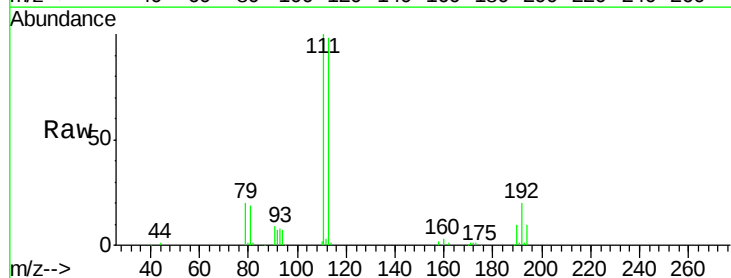
Tgt Ion:113 Resp: 123511

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

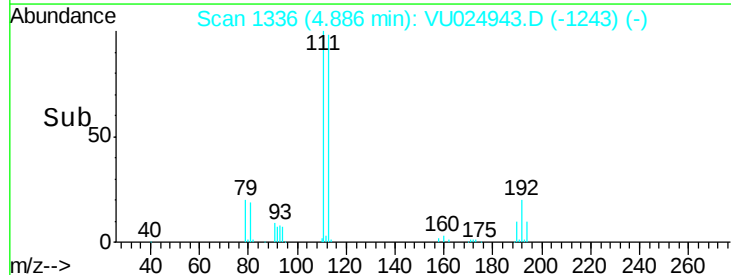
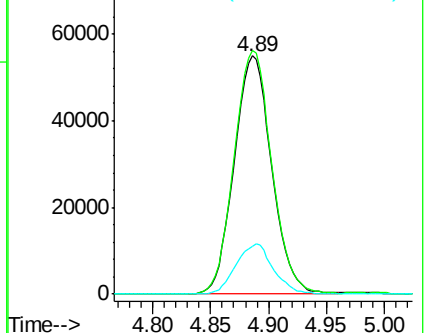
192 21.0 16.2 24.4

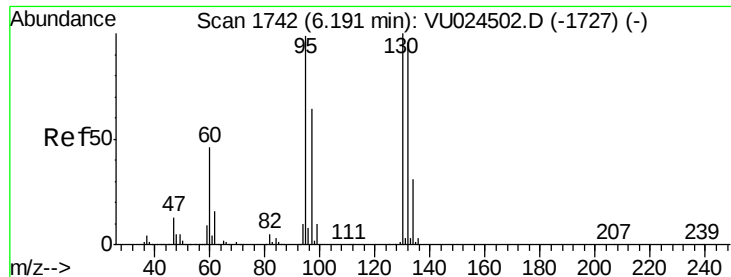


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 40.22 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024943.D

Acq: 27 Jun 2018 00:46

Instrument :

MSVOA_U

ClientSampleId :

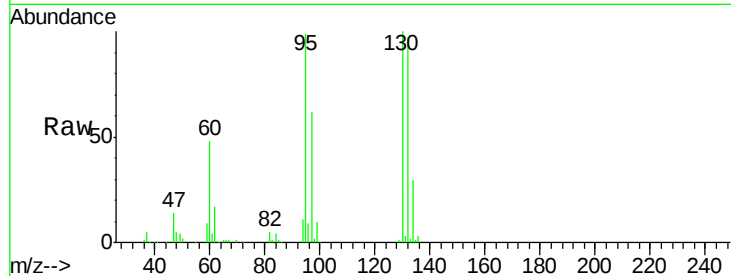
DUP-0479-180620ME

Tot Ion:130 Resp: 124791

Ion Ratio Lower Upper

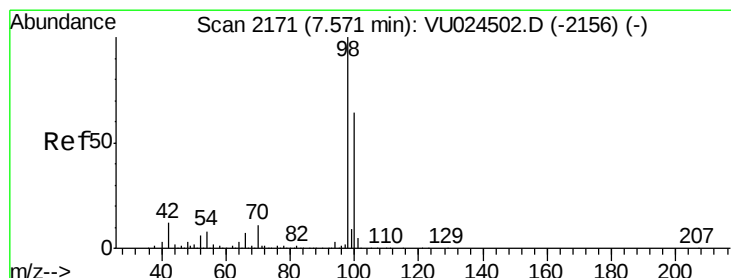
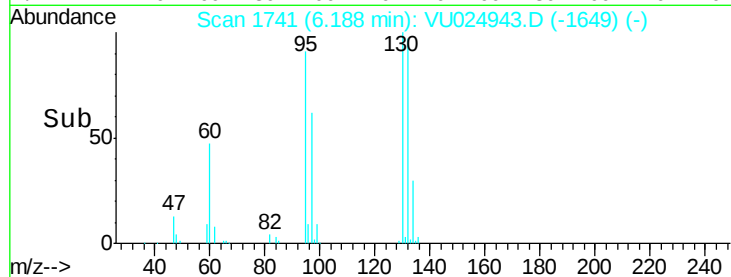
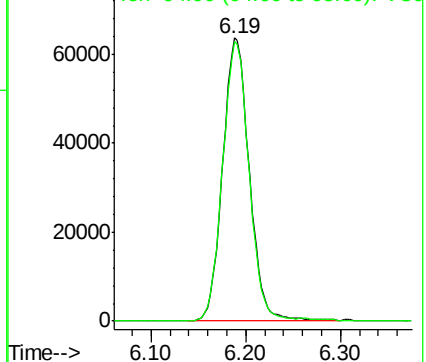
130 100

95 98.8 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 47.55 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024943.D

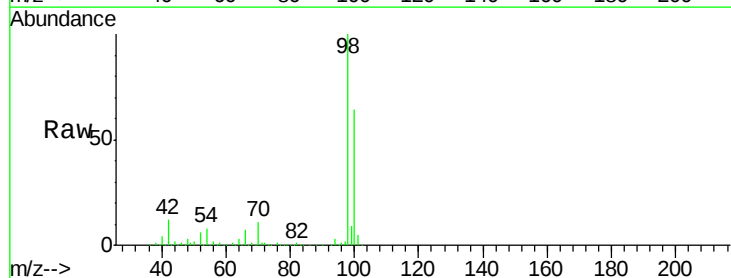
Acq: 27 Jun 2018 00:46

Tgt Ion: 98 Resp: 468611

Ion Ratio Lower Upper

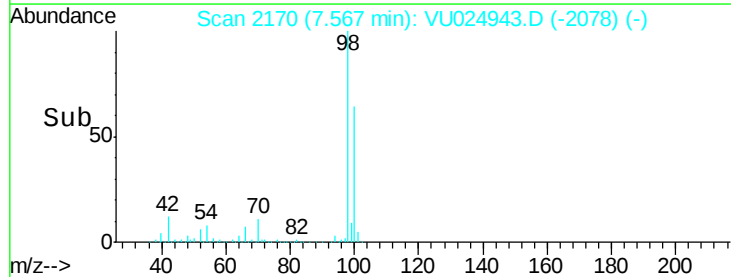
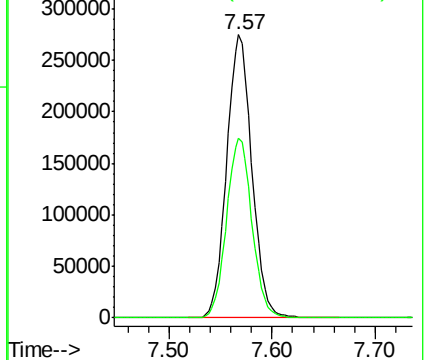
98 100

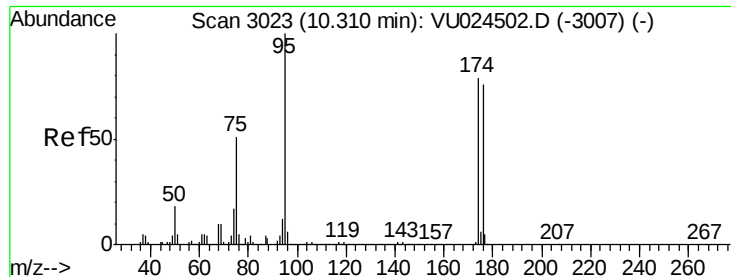
100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 45.04 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024943.D

Acq: 27 Jun 2018 00:46

Instrument :

MSVOA_U

ClientSampleId :

DUP-0479-180620ME

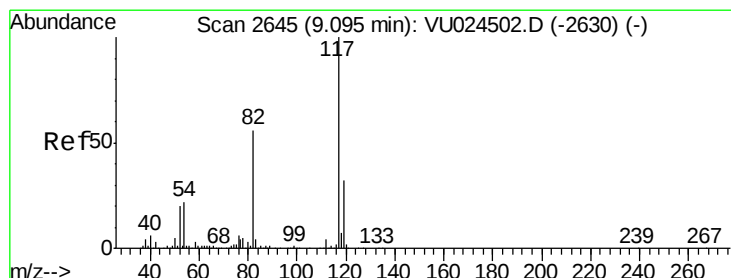
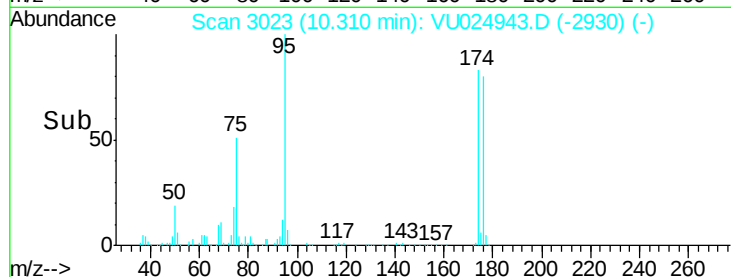
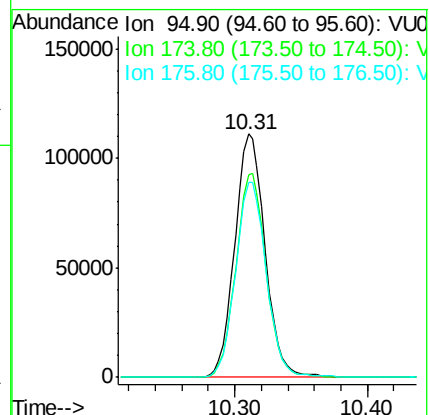
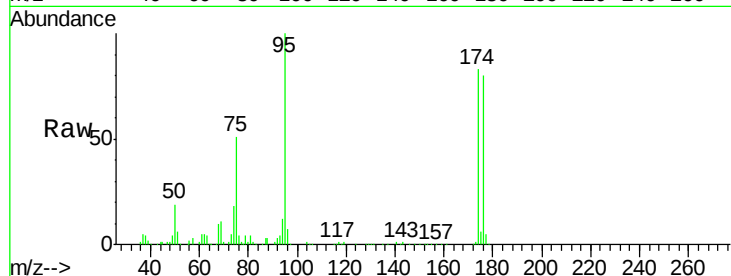
Tot Ion: 95 Resp: 176258

Ion Ratio Lower Upper

95 100

174 83.7 0.0 165.8

176 81.4 0.0 159.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024943.D

Acq: 27 Jun 2018 00:46

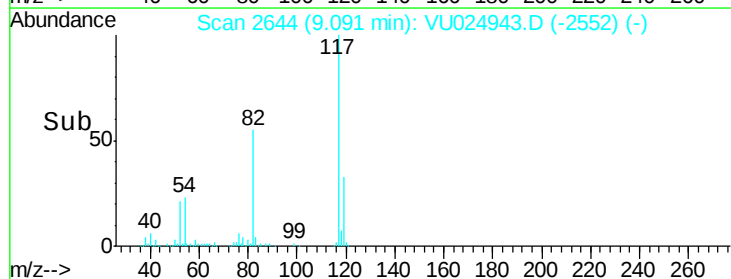
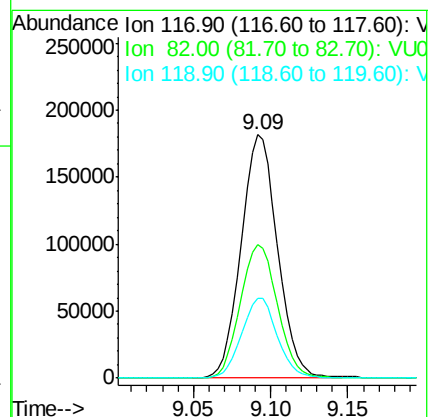
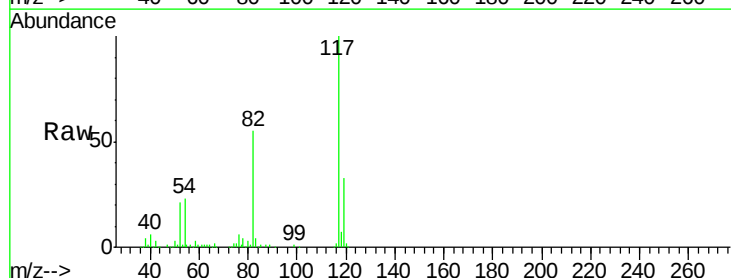
Tgt Ion: 117 Resp: 297214

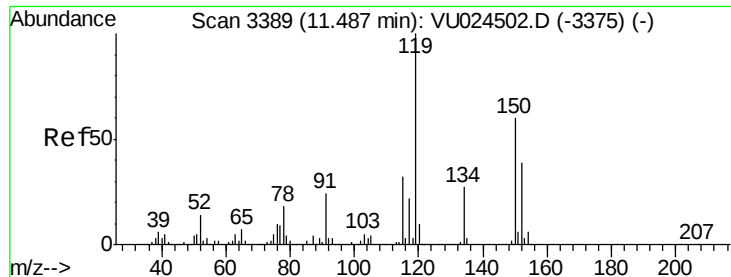
Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

119 33.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024943.D

Acq: 27 Jun 2018 00:46

Instrument :

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DUP-0479-180620ME

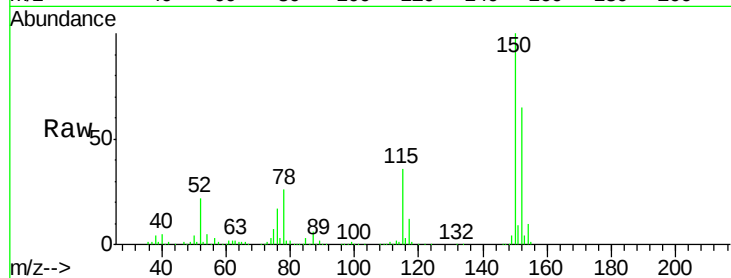
Tot Ion:152 Resp: 164552

Ion Ratio Lower Upper

152 100

115 57.4 43.0 129.0

150 156.6 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

