

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024784.D
 Acq On : 21 Jun 2018 02:50
 Operator : MD/SY
 Sample : J3585-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW02

Quant Time: Jun 21 10:03:37 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	197968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310098	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	160199	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	140838	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.16%	
35) Dibromofluoromethane	4.89	113	120488	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
50) Toluene-d8	7.57	98	449780	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	10.31	95	164755	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	

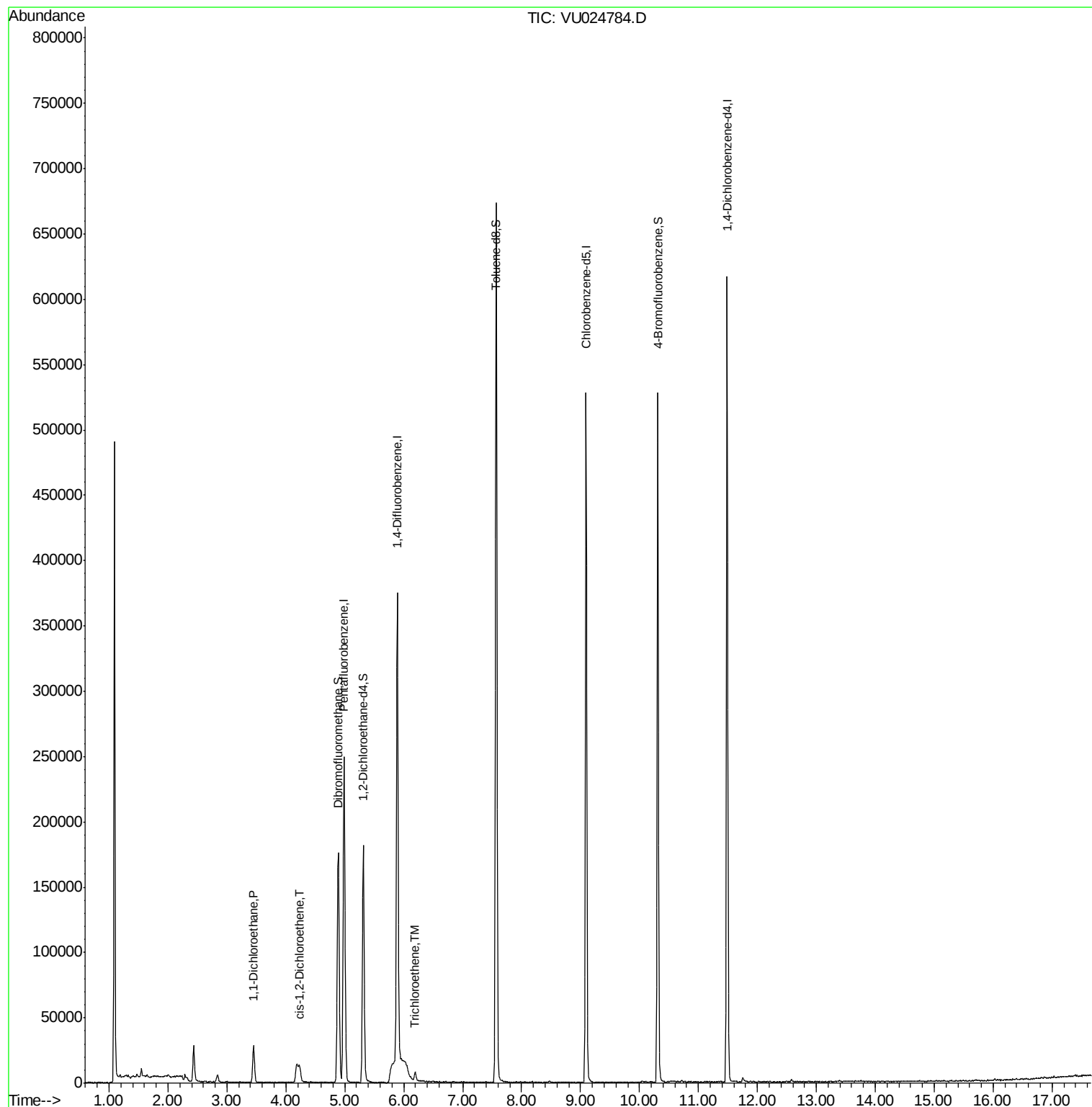
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
24) 1,1-Dichloroethane	3.45	63	30670	6.43	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	6973	2.44	ug/l	91
44) Trichloroethene	6.19	130	2699	0.91	ug/l	85

(#) = 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: VU024784.D

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MSVOA_U

ClientSampleId :

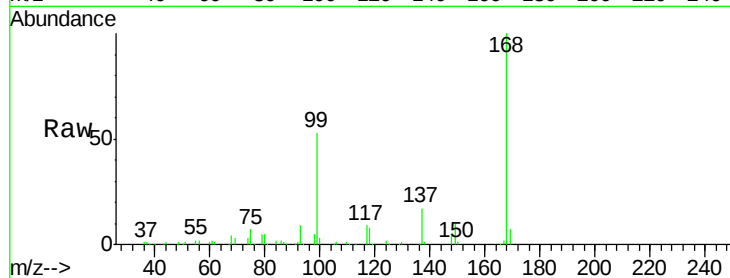
CKMW02

Tot Ion:168 Resp: 197968

Ion Ratio Lower Upper

168 100

99 53.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

80000

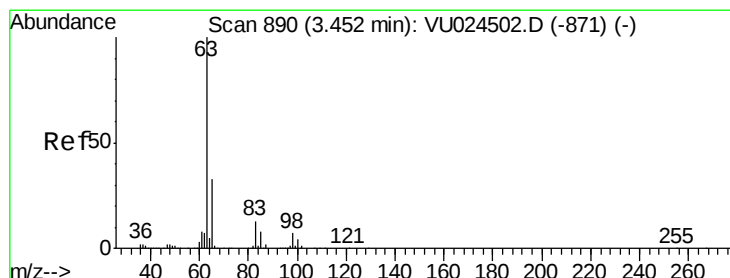
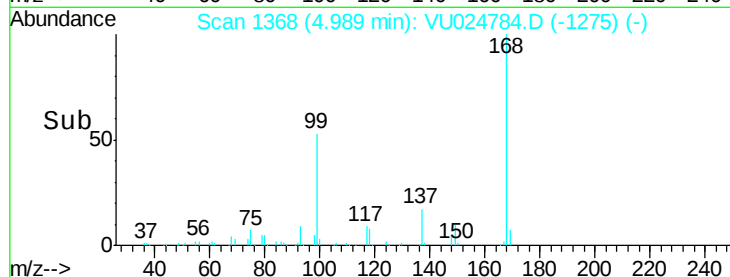
60000

40000

20000

0

Time--> 4.90 4.95 5.00 5.05 5.10



#24

1,1-Dichloroethane

Concen: 6.43 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024784.D

Acq: 21 Jun 2018 02:50

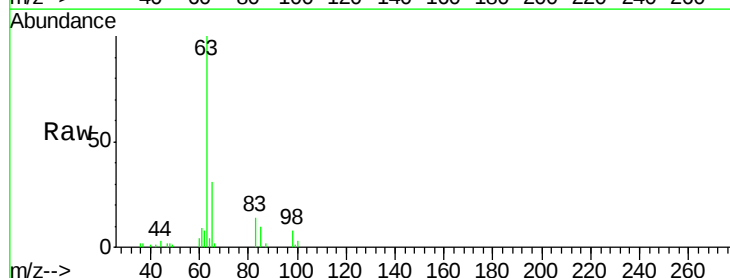
Tgt Ion: 63 Resp: 30670

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 3.3 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

3.45

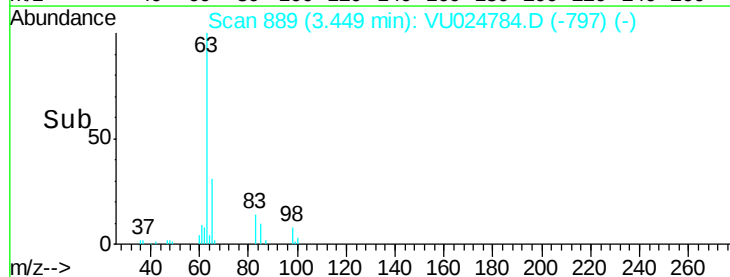
15000

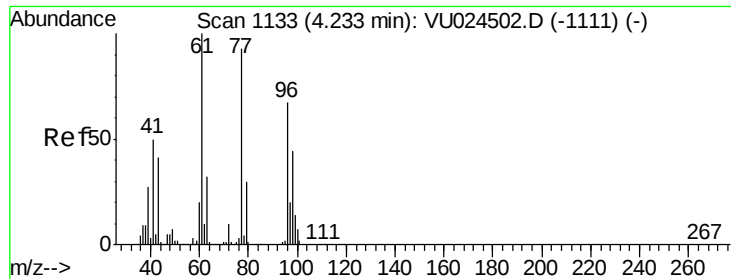
10000

5000

0

Time--> 3.35 3.40 3.45 3.50 3.55





#27

cis-1,2-Dichloroethene

Concen: 2.44 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024784.D

Acq: 21 Jun 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CKMW02

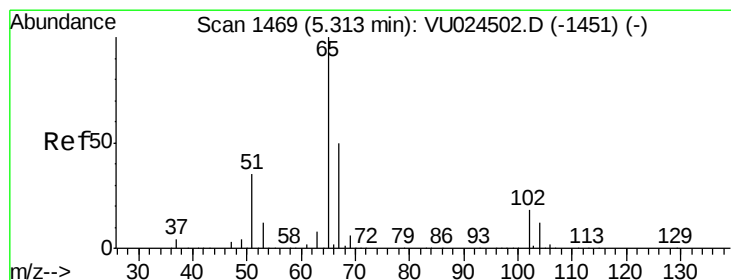
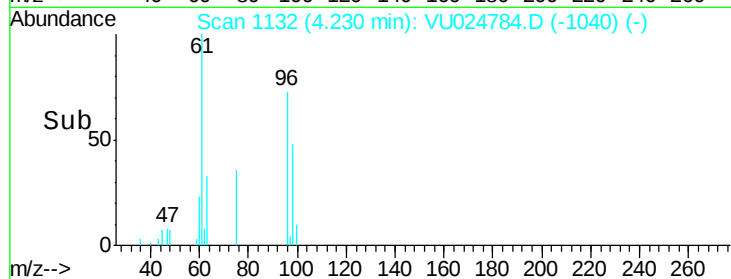
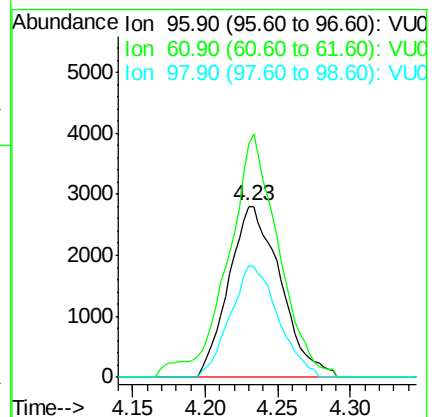
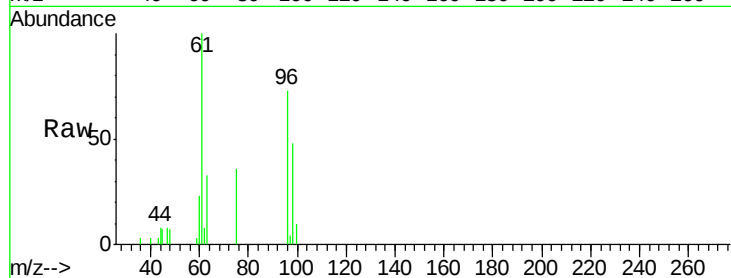
Tot Ion: 96 Resp: 6973

Ion Ratio Lower Upper

96 100

61 139.0 0.0 306.6

98 60.2 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 43.58 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024784.D

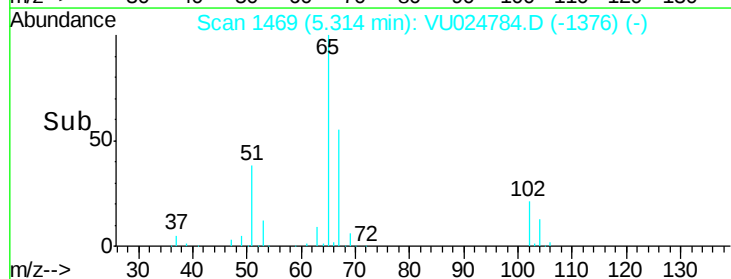
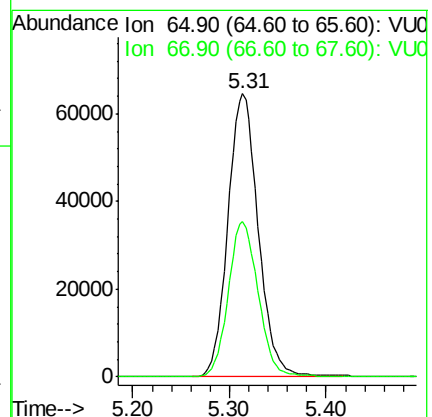
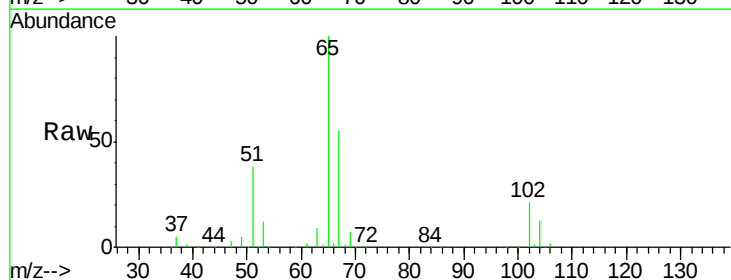
Acq: 21 Jun 2018 02:50

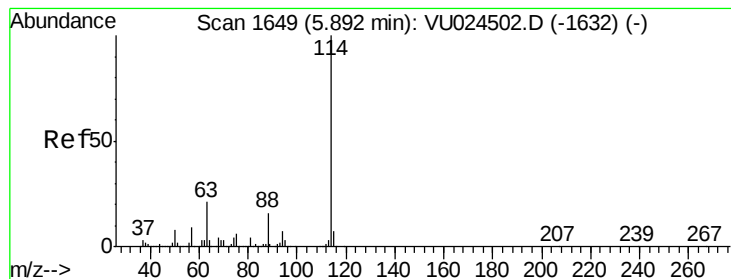
Tgt Ion: 65 Resp: 140838

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024784.D

Acq: 21 Jun 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CKMW02

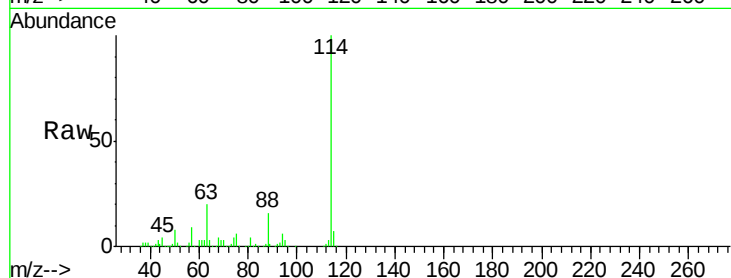
Tot Ion:114 Resp: 310098

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.4

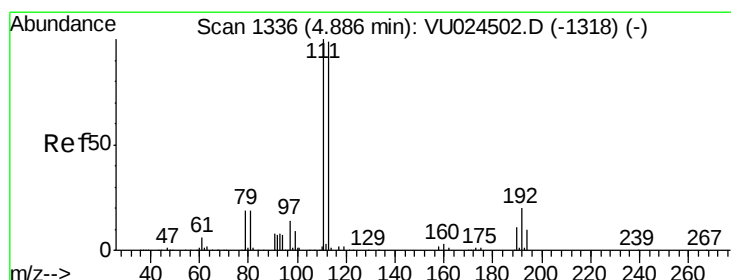
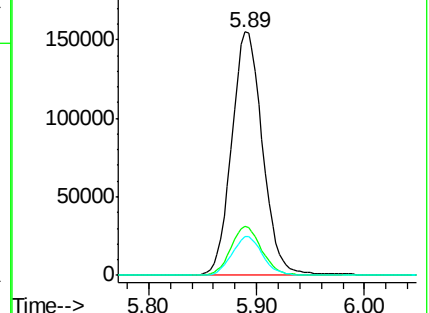
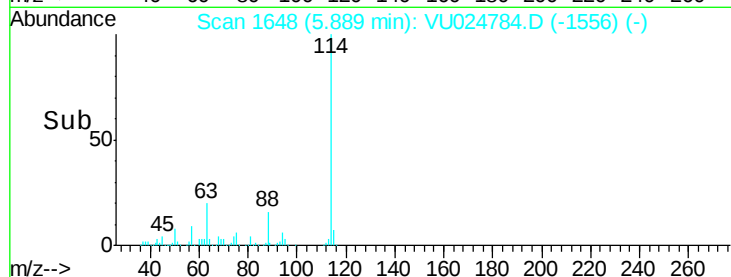
88 15.7 0.0 31.0



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: 46.82 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024784.D

Acq: 21 Jun 2018 02:50

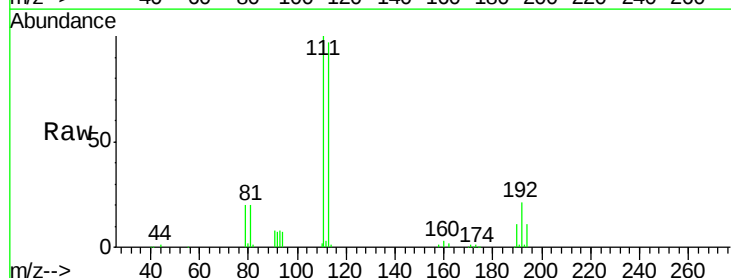
Tgt Ion:113 Resp: 120488

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

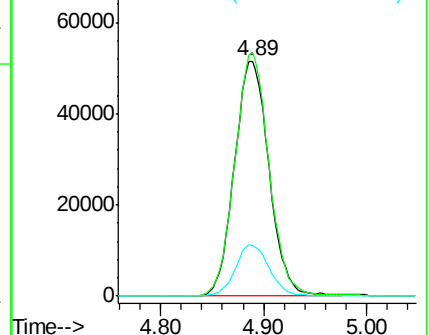
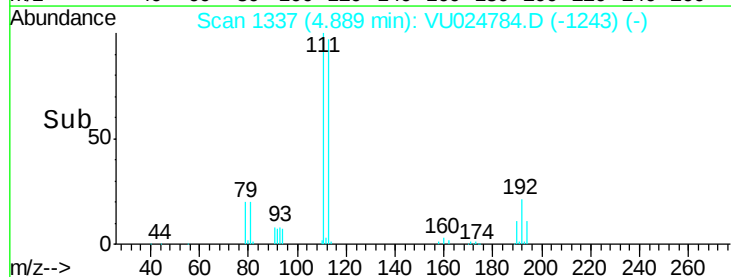
192 21.4 16.2 24.4

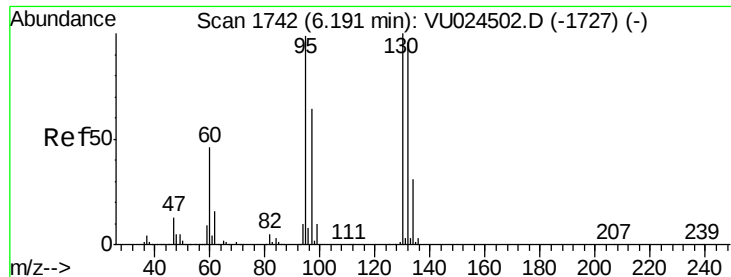


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

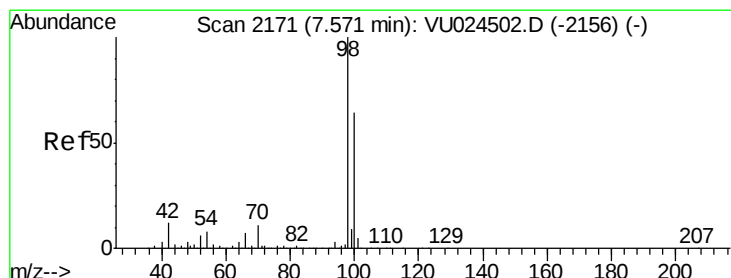
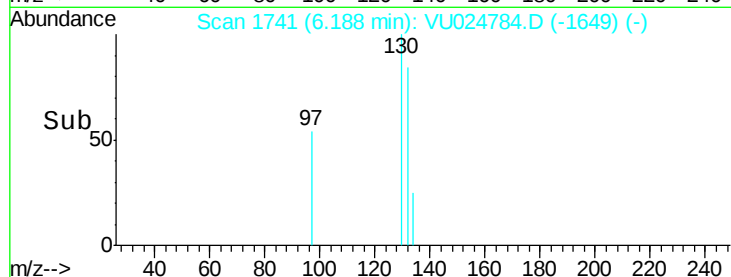
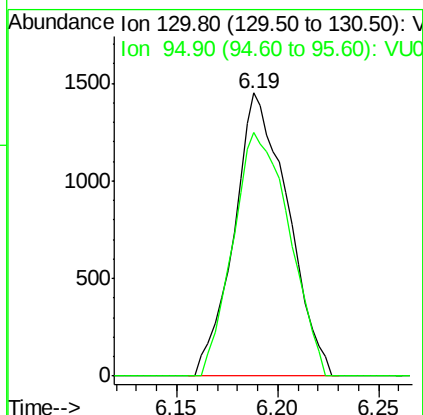
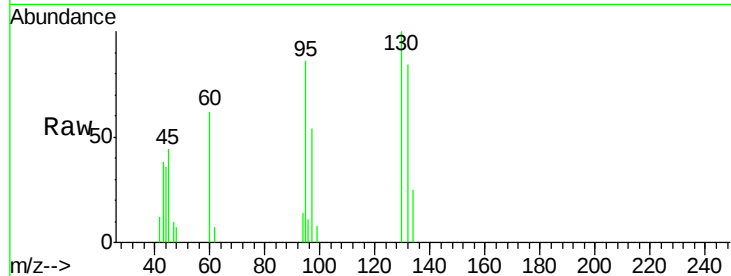




#44
 Trichloroethene
 Concen: 0.91 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU024784.D
 Acq: 21 Jun 2018 02:50

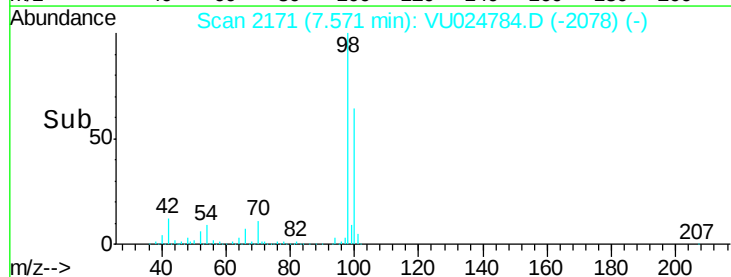
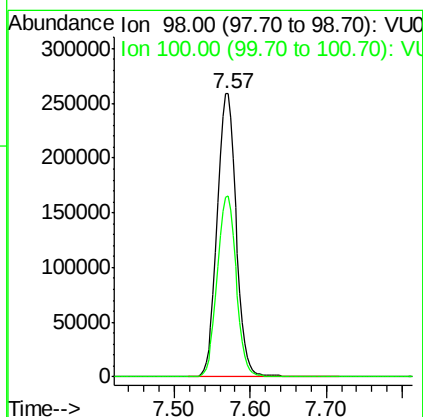
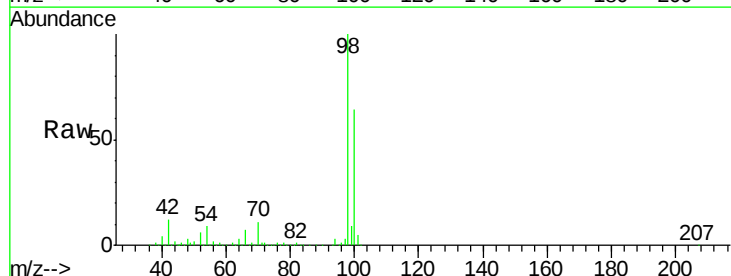
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW02

Tot Ion:130 Resp: 2699
 Ion Ratio Lower Upper
 130 100
 95 86.2 0.0 202.4



#50
 Toluene-d8
 Concen: 47.91 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024784.D
 Acq: 21 Jun 2018 02:50

Tgt Ion: 98 Resp: 449780
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 44.20 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024784.D

Acq: 21 Jun 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CKMW02

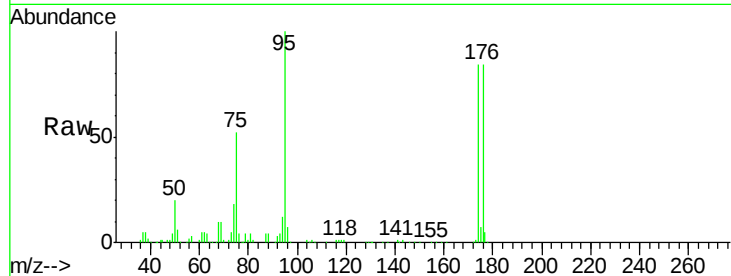
Tot Ion: 95 Resp: 164755

Ion Ratio Lower Upper

95 100

174 85.3 0.0 165.8

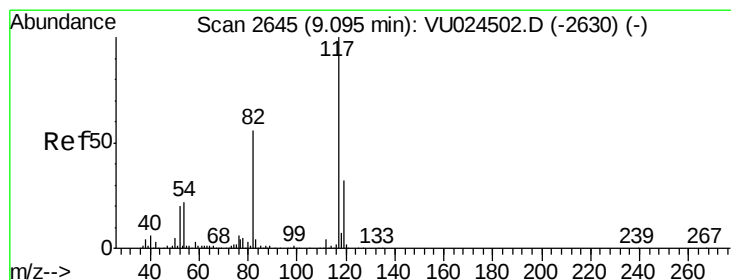
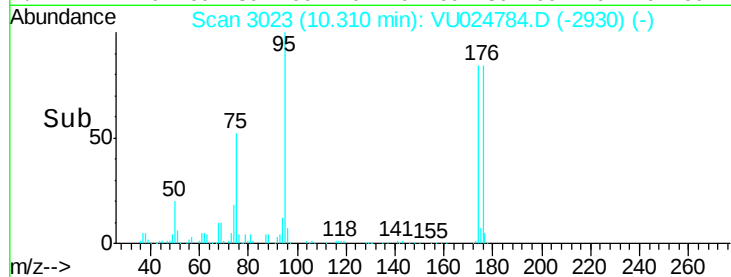
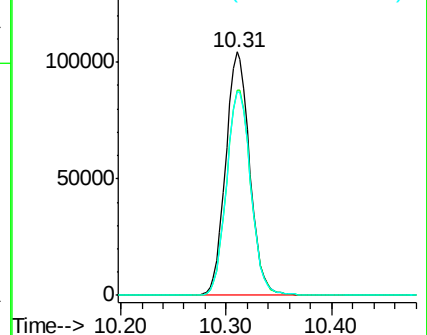
176 85.1 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024784.D

Acq: 21 Jun 2018 02:50

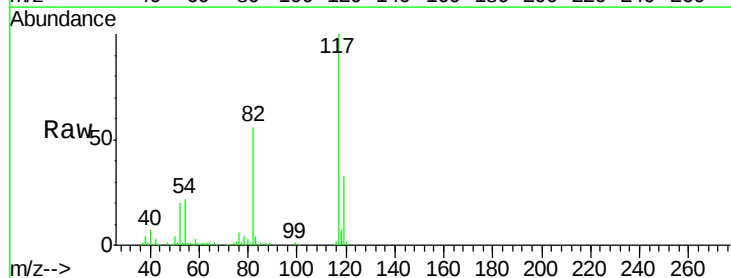
Tgt Ion: 117 Resp: 289094

Ion Ratio Lower Upper

117 100

82 56.3 44.3 66.5

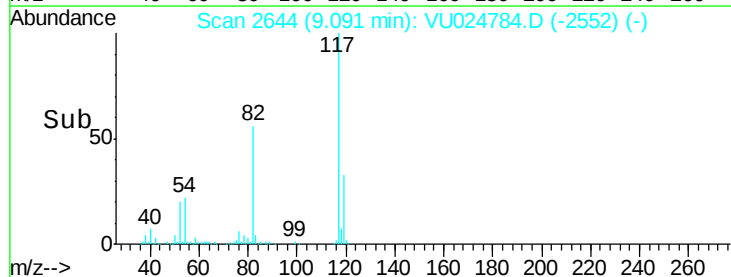
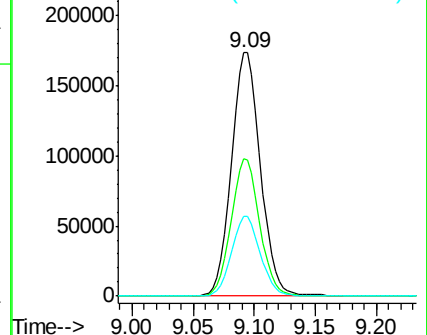
119 32.6 25.4 38.2

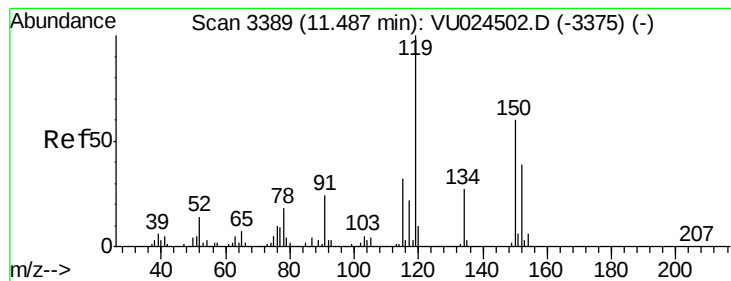


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024784.D

Acq: 21 Jun 2018 02:50

Instrument :

MSVOA_U

ClientSampleId :

CKMW02

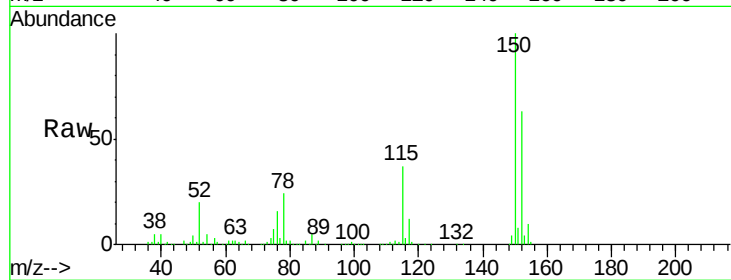
Tot Ion:152 Resp: 160199

Ion Ratio Lower Upper

152 100

115 57.2 43.0 129.0

150 155.6 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

