

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024809.D
 Acq On : 21 Jun 2018 14:27
 Operator : MD/SY
 Sample : J3561-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-EB-2018-1

Quant Time: Jun 22 04:18:36 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

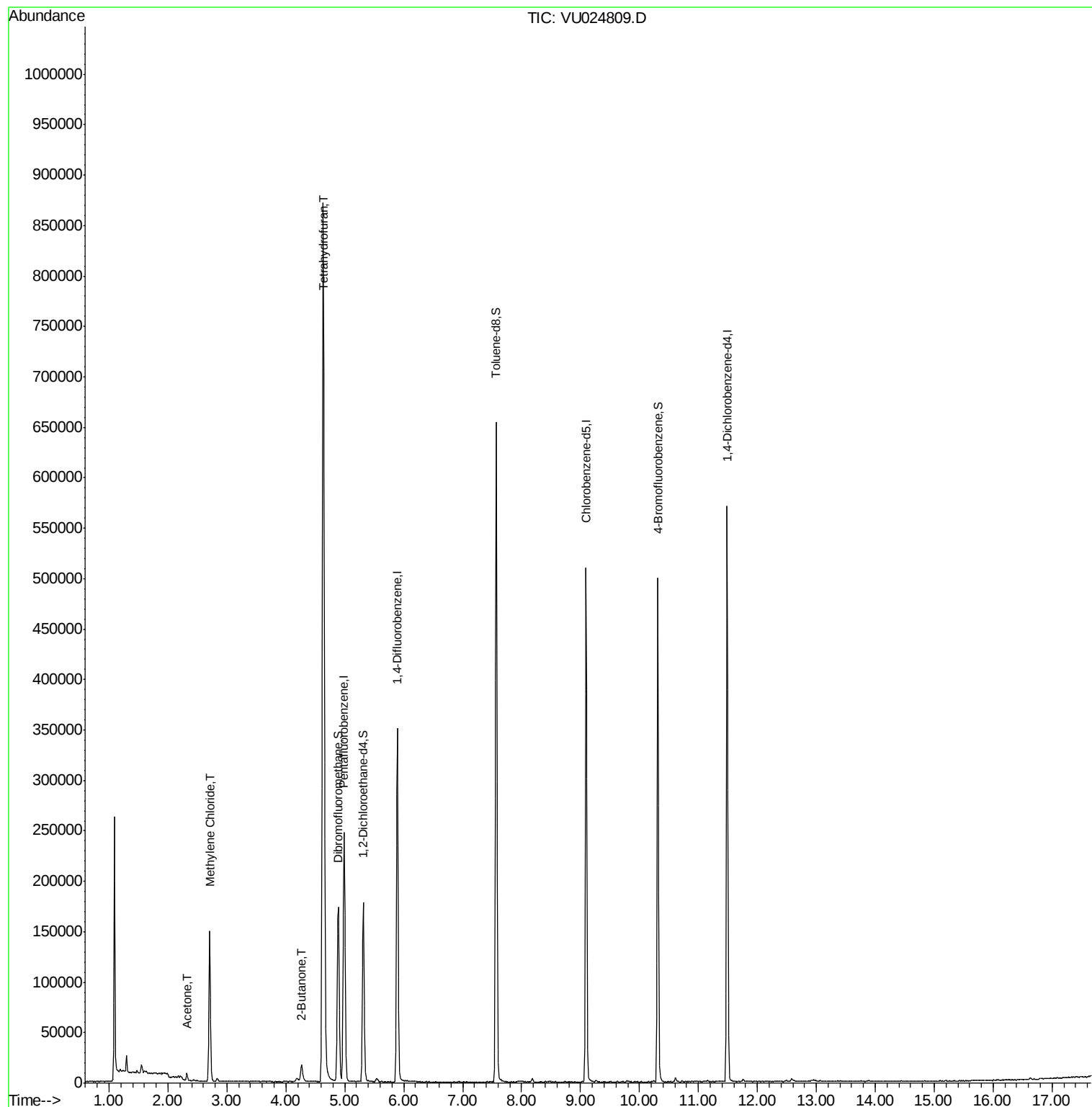
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299968	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	139117	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
35) Dibromofluoromethane	4.89	113	115498	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	7.57	98	430320	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	10.31	95	159220	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
Target Compounds						
16) Acetone	2.32	43	6323	3.69	ug/l	Qvalue # 88
20) Methylene Chloride	2.71	84	66533	24.77	ug/l	96
25) 2-Butanone	4.27	43	27977	12.17	ug/l	95
29) Tetrahydrofuran	4.63	42	645631	453.46	ug/l	97

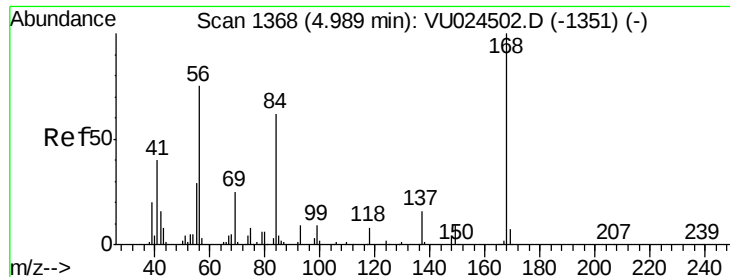
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024809.D

Acq: 21 Jun 2018 14:27

Instrument :

MSVOA_U

ClientSampleId :

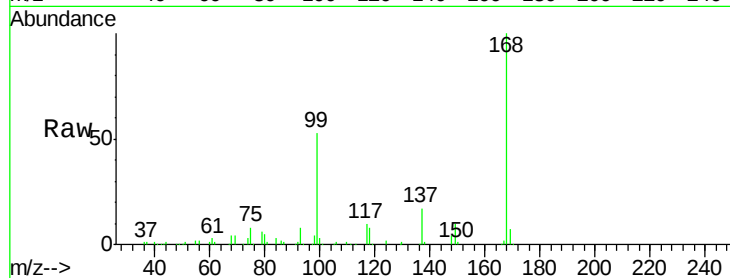
S32-EB-2018-1

Tot Ion:168 Resp: 195139

Ion Ratio Lower Upper

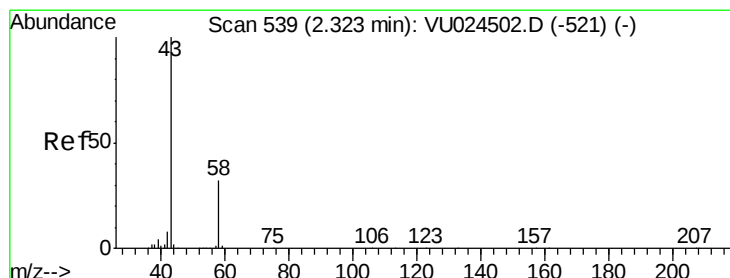
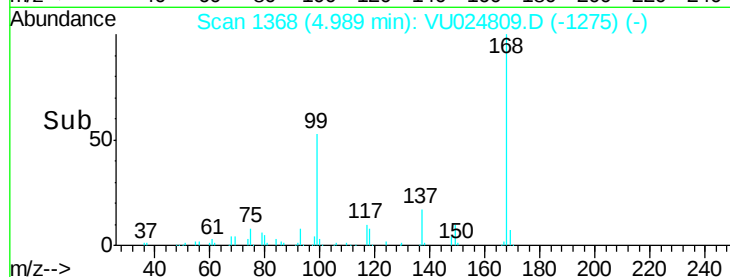
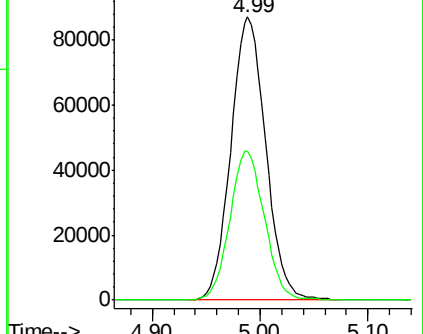
168 100

99 52.8 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) (-)



#16

Acetone

Concen: 3.69 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024809.D

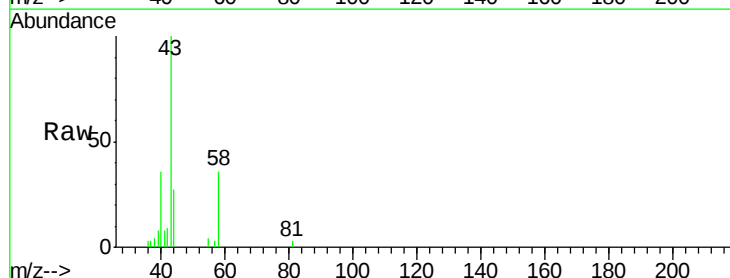
Acq: 21 Jun 2018 14:27

Tgt Ion: 43 Resp: 6323

Ion Ratio Lower Upper

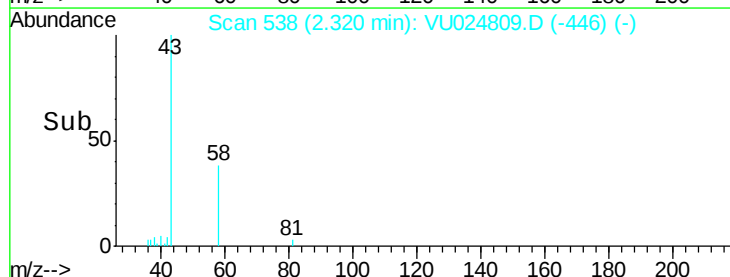
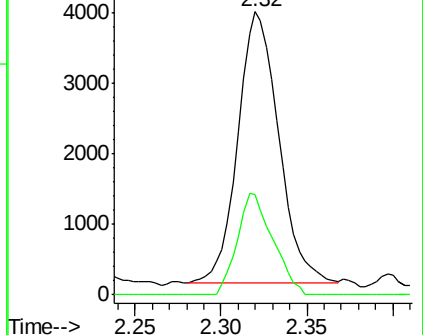
43 100

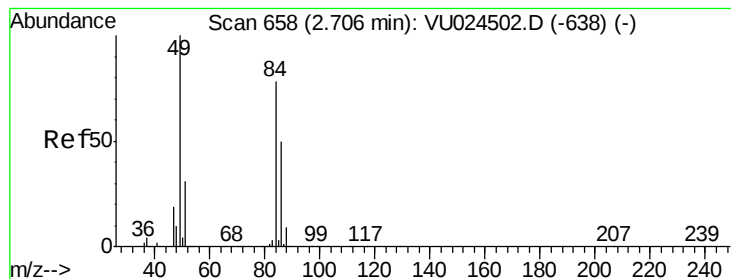
58 37.2 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)





#20

Methvlene Chloride

Concen: 24.77 ug/l

RT: 2.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: VU024809.D

Acq: 21 Jun 2018 14:27

Instrument :

MSVOA_U

ClientSampleId :

S32-EB-2018-1

Tot Ion: 84 Resp: 66533

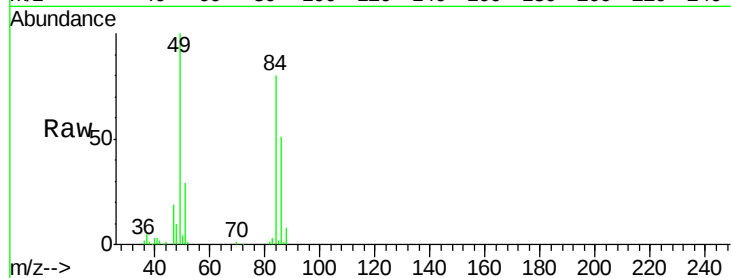
Ion Ratio Lower Upper

84 100

49 124.6 103.8 155.8

51 36.4 32.0 48.0

86 63.3 51.6 77.4

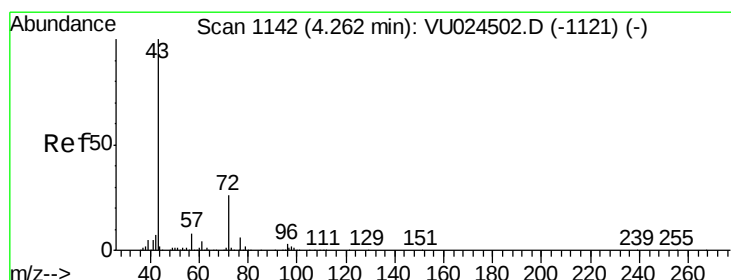
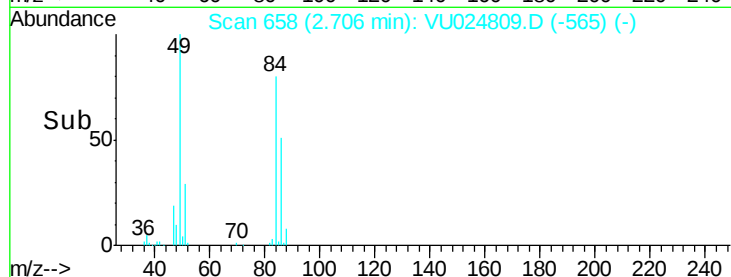
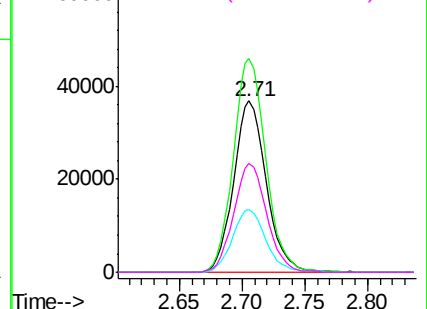


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#25

2-Butanone

Concen: 12.17 ug/l

RT: 4.27 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VU024809.D

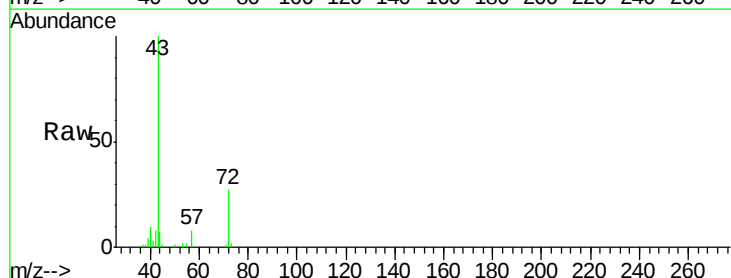
Acq: 21 Jun 2018 14:27

Tgt Ion: 43 Resp: 27977

Ion Ratio Lower Upper

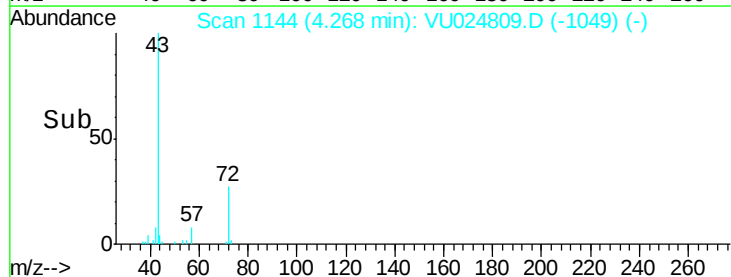
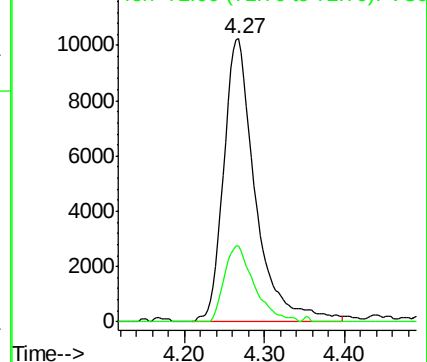
43 100

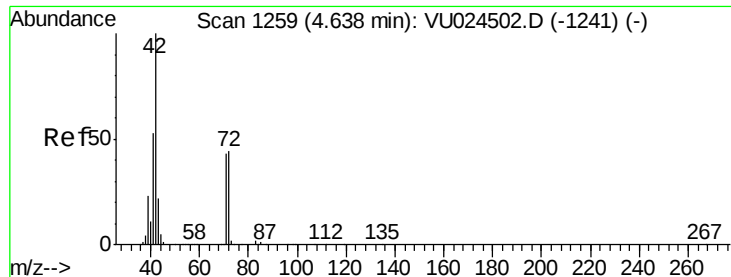
72 26.8 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#29

Tetrahydrofuran

Concen: 453.46 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024809.D

Acq: 21 Jun 2018 14:27

Instrument :

MSVOA_U

ClientSampleId :

S32-EB-2018-1

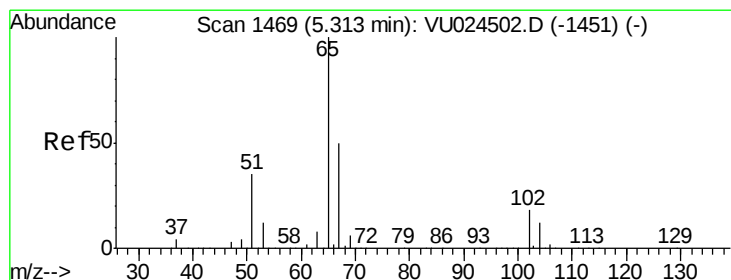
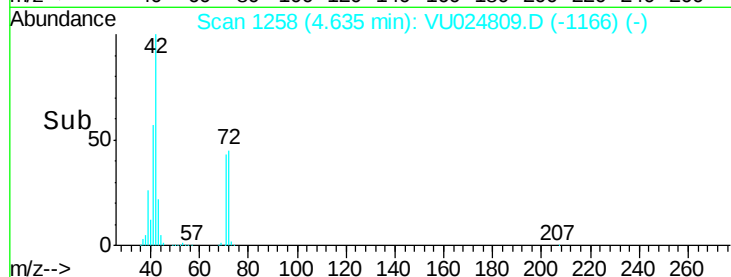
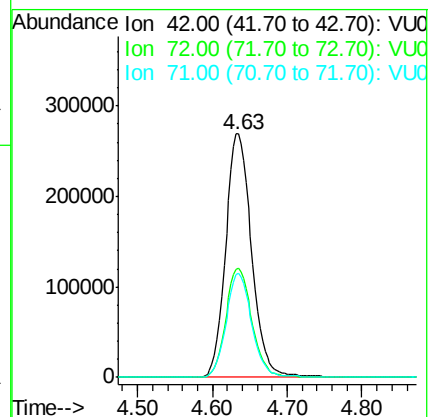
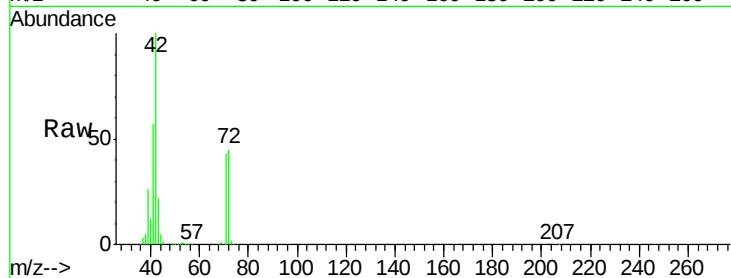
Tot Ion: 42 Resp: 645631

Ion Ratio Lower Upper

42 100

72 45.1 34.5 51.7

71 42.2 32.2 48.4



#33

1,2-Dichloroethane-d4

Concen: 43.67 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024809.D

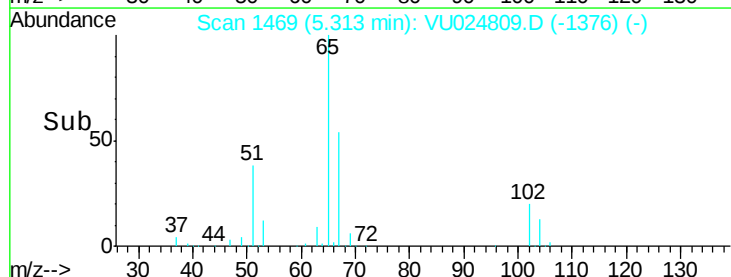
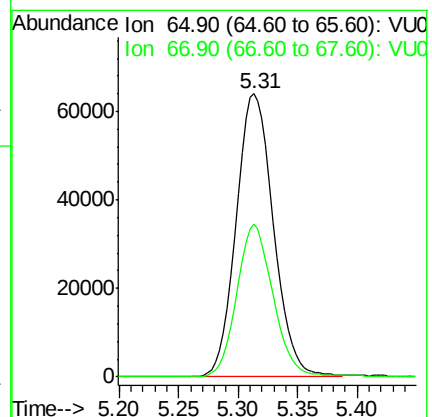
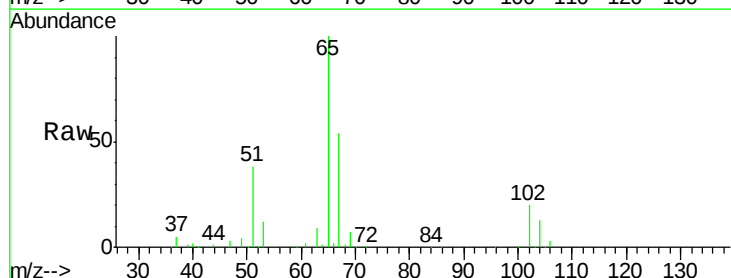
Acq: 21 Jun 2018 14:27

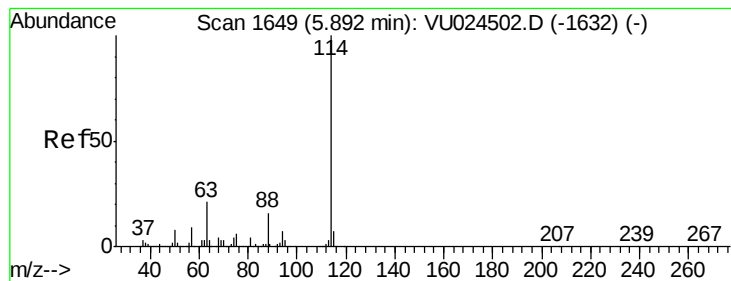
Tgt Ion: 65 Resp: 139117

Ion Ratio Lower Upper

65 100

67 52.4 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: VU024809.D

Acq: 21 Jun 2018 14:27

Instrument :

MSVOA_U

ClientSampleId :

S32-EB-2018-1

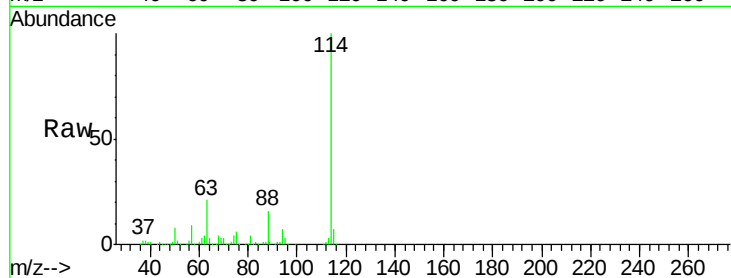
Tot Ion:114 Resp: 299968

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.4

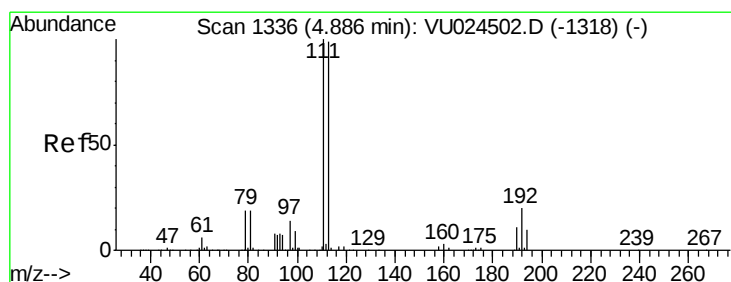
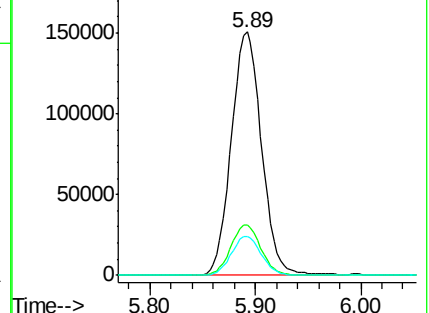
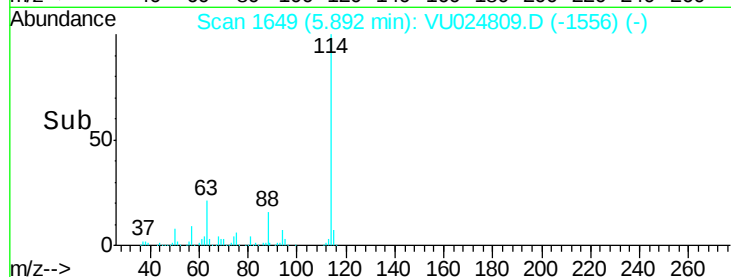
88 15.9 0.0 31.0



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: 46.39 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024809.D

Acq: 21 Jun 2018 14:27

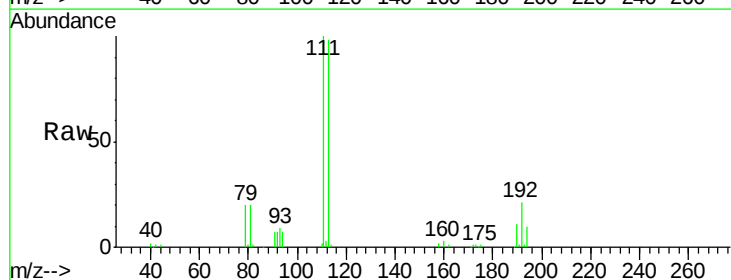
Tgt Ion:113 Resp: 115498

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

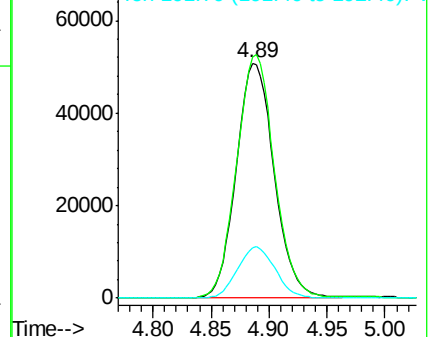
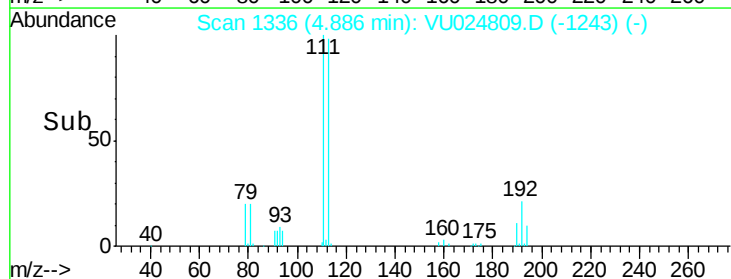
192 21.7 16.2 24.4

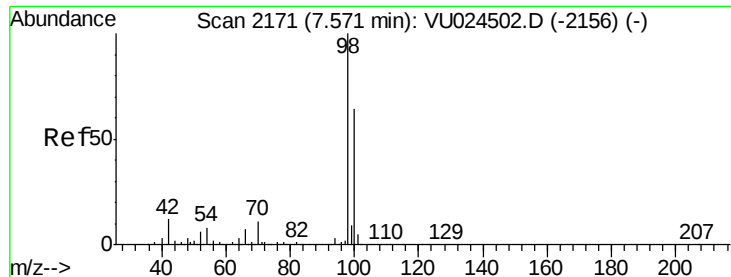


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.39 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024809.D

Acq: 21 Jun 2018 14:27

Instrument :

MSVOA_U

ClientSampleId :

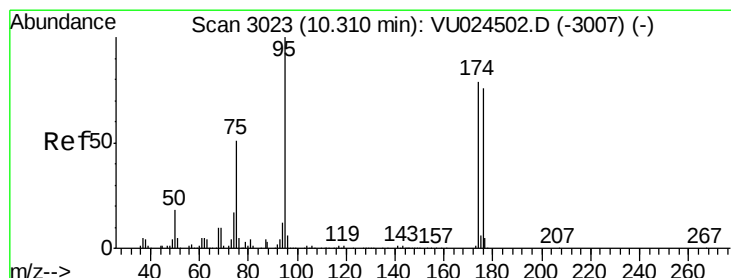
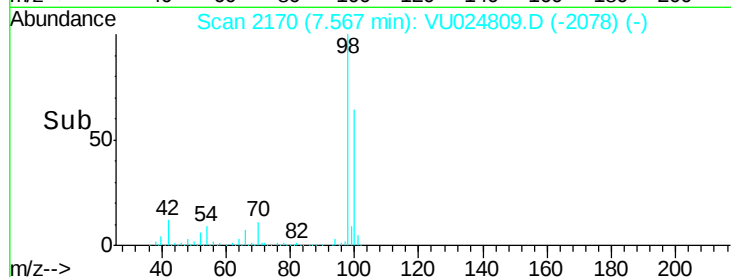
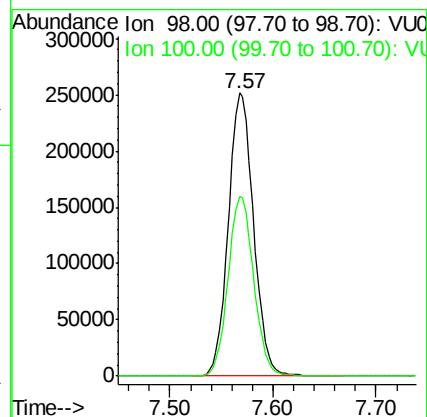
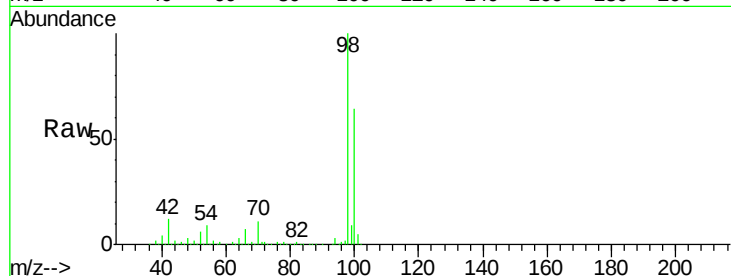
S32-EB-2018-1

Tot Ion: 98 Resp: 430320

Ion Ratio Lower Upper

98 100

100 64.3 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.16 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024809.D

Acq: 21 Jun 2018 14:27

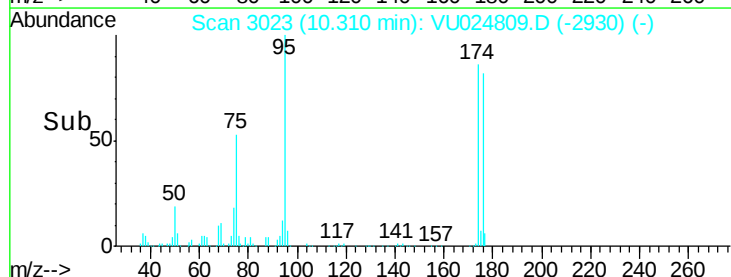
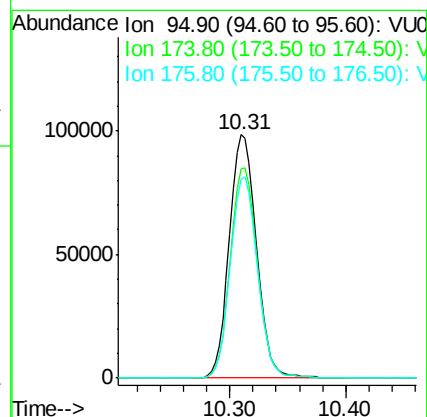
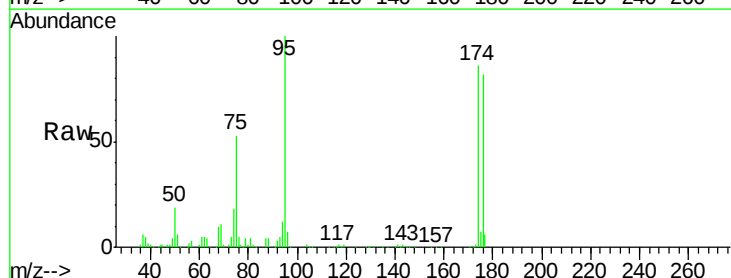
Tgt Ion: 95 Resp: 159220

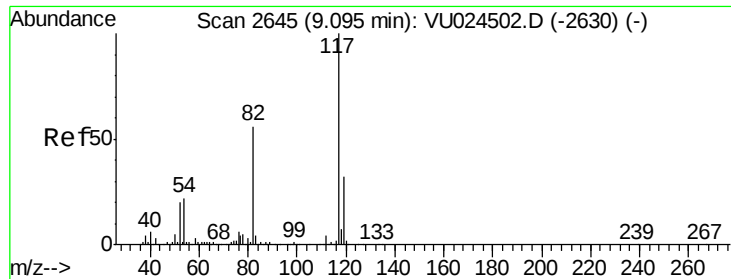
Ion Ratio Lower Upper

95 100

174 86.2 0.0 165.8

176 82.7 0.0 159.4

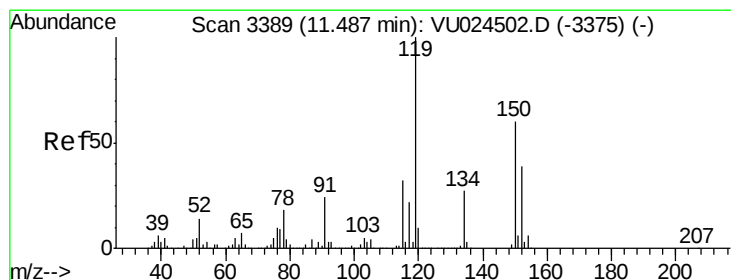
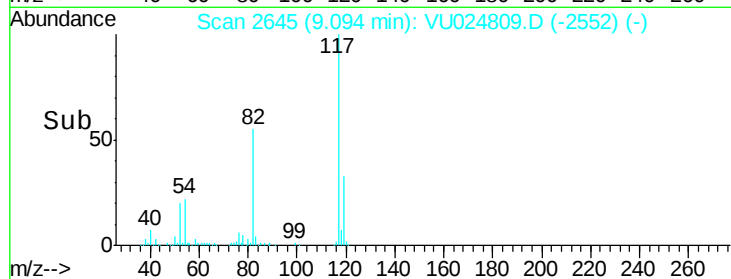
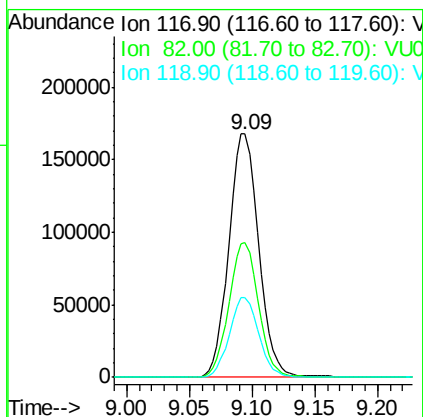
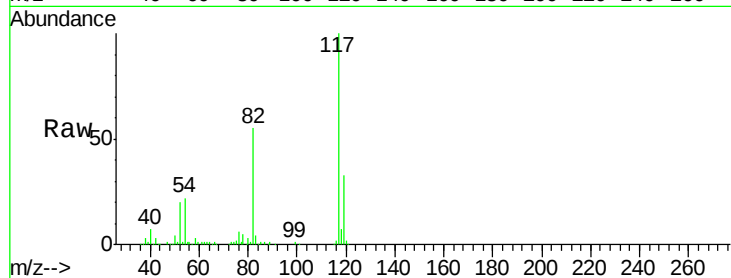




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024809.D
Acq: 21 Jun 2018 14:27

Instrument :
MSVOA_U
ClientSampleId :
S32-EB-2018-1

Tot Ion:117 Resp: 277843
Ion Ratio Lower Upper
117 100
82 55.4 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: VU024809.D
Acq: 21 Jun 2018 14:27

Tgt Ion:152 Resp: 149527
Ion Ratio Lower Upper
152 100
115 58.3 43.0 129.0
150 158.0 0.0 354.0

