

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024818.D
 Acq On : 21 Jun 2018 18:06
 Operator : MD/SY
 Sample : J3561-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0625

Quant Time: Jun 22 04:46:27 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

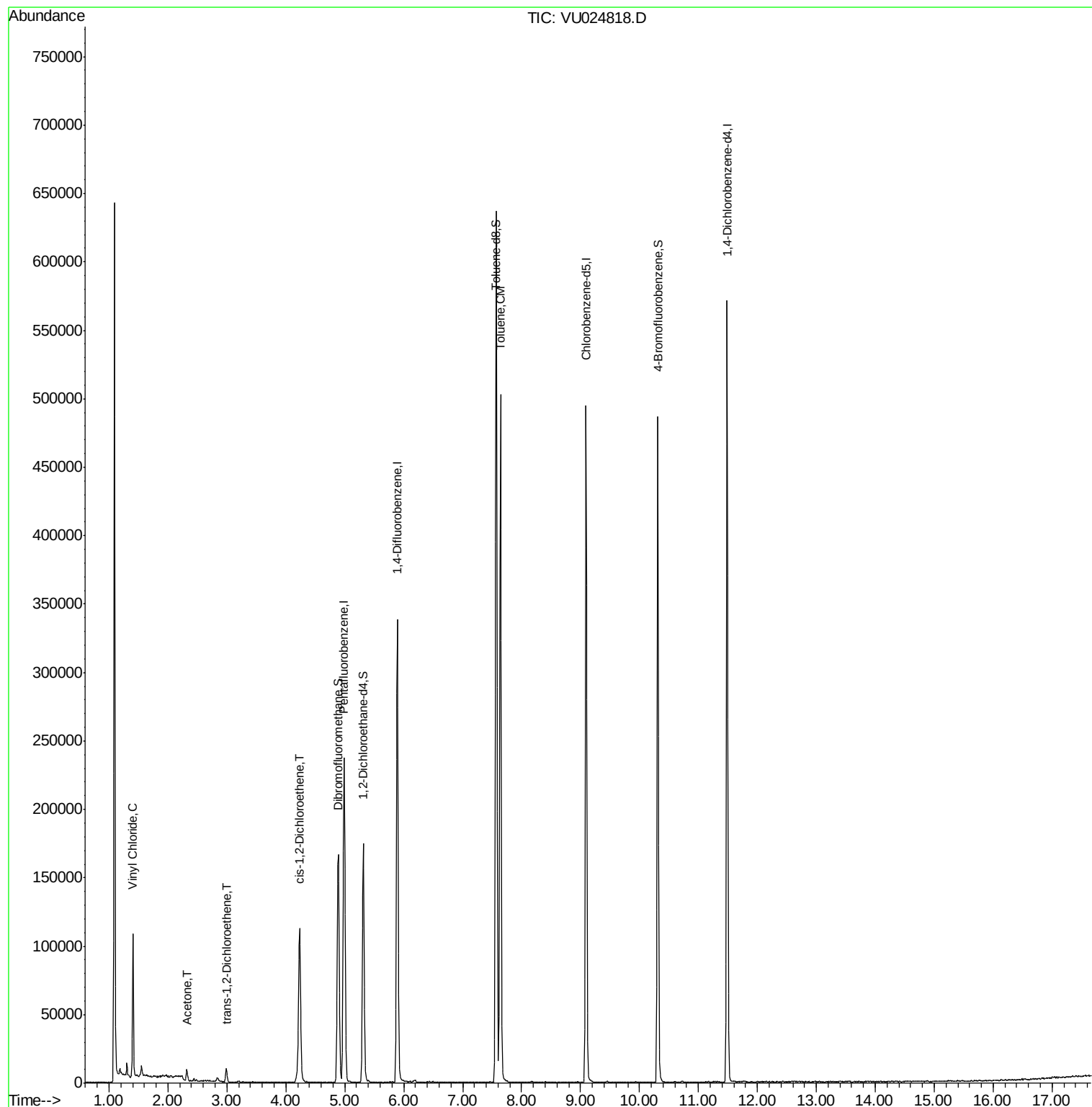
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	186701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287042	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	272883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134456	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
35) Dibromofluoromethane	4.89	113	111866	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	7.57	98	423232	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	10.31	95	154157	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
Target Compounds						
4) Vinyl Chloride	1.40	62	63321	25.72	ug/l	98
16) Acetone	2.32	43	8795	5.37	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	4147	1.77	ug/l #	82
27) cis-1,2-Dichloroethene	4.23	96	64819	24.08	ug/l	85
52) Toluene	7.64	92	206944	33.47	ug/l	100

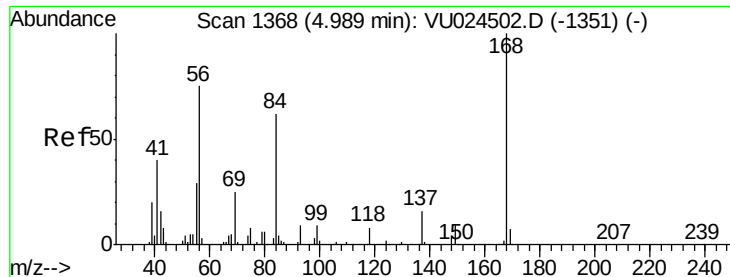
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024818.D

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Instrument :

MSVOA_U

ClientSampleId :

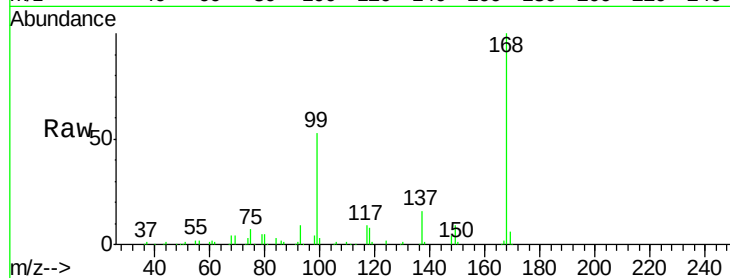
S32-0625

Tot Ion:168 Resp: 186701

Ion Ratio Lower Upper

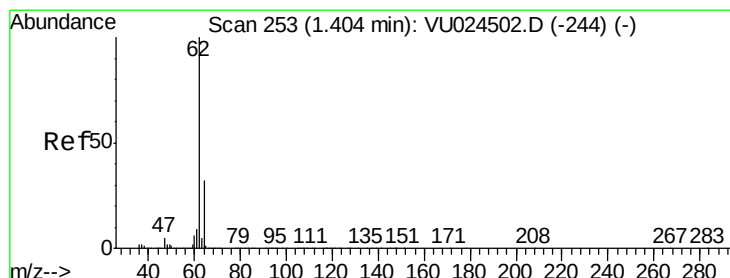
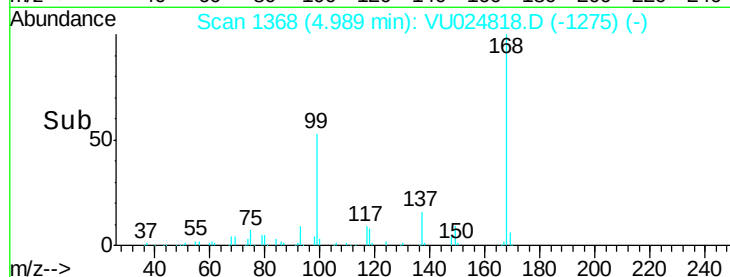
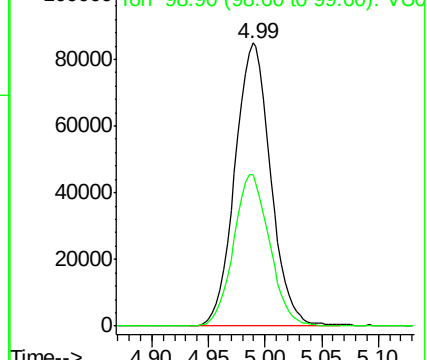
168 100

99 53.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 25.72 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024818.D

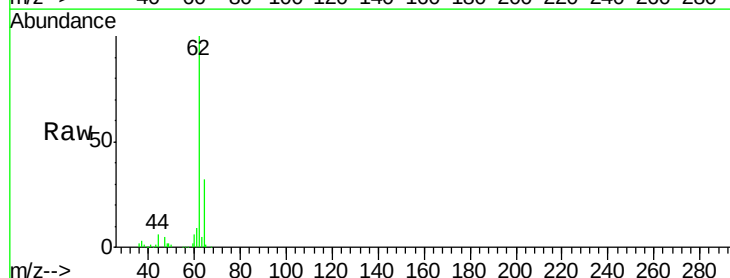
Acq: 21 Jun 2018 18:06

Tgt Ion: 62 Resp: 63321

Ion Ratio Lower Upper

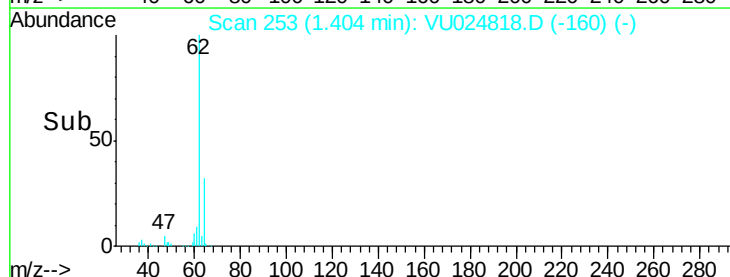
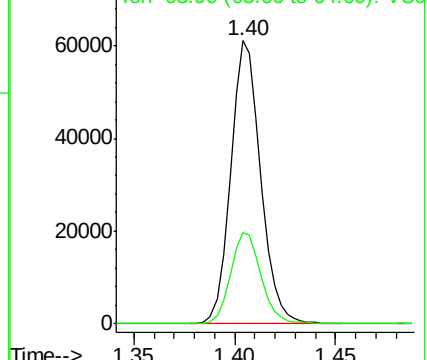
62 100

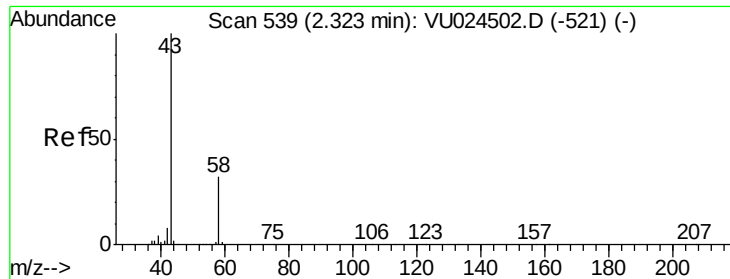
64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#16

Acetone

Concen: 5.37 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024818.D

Acq: 21 Jun 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

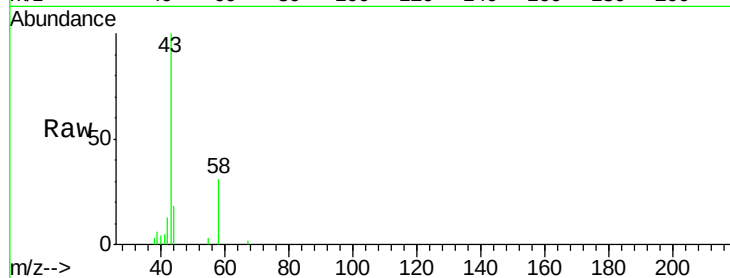
S32-0625

Tot Ion: 43 Resp: 8795

Ion Ratio Lower Upper

43 100

58 31.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

6000

5000

4000

3000

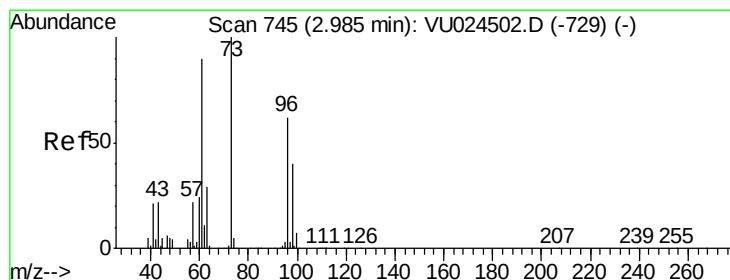
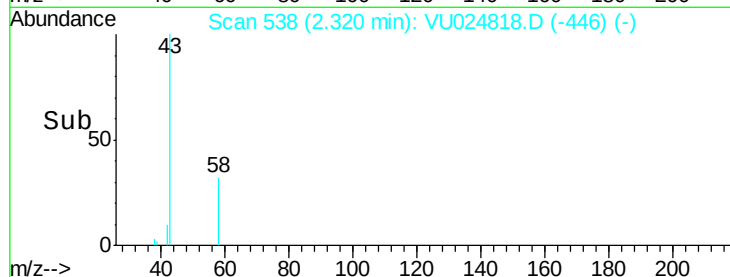
2000

1000

0

Time-->

2.25 2.30 2.35 2.40



#21

trans-1,2-Dichloroethene

Concen: 1.77 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024818.D

Acq: 21 Jun 2018 18:06

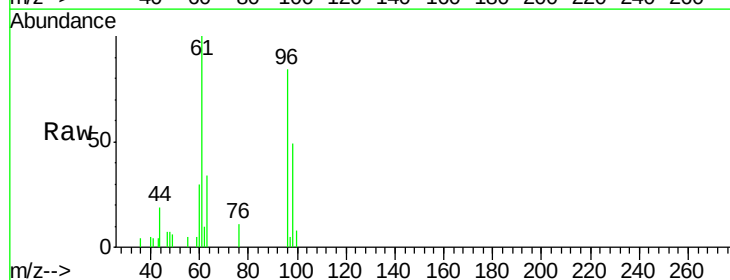
Tgt Ion: 96 Resp: 4147

Ion Ratio Lower Upper

96 100

61 119.3 119.4 179.0#

98 58.9 51.1 76.7



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

2.99

3000

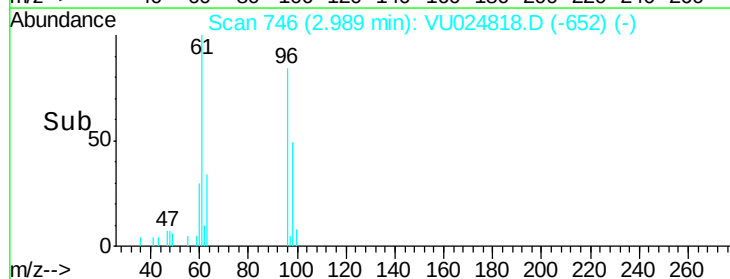
2000

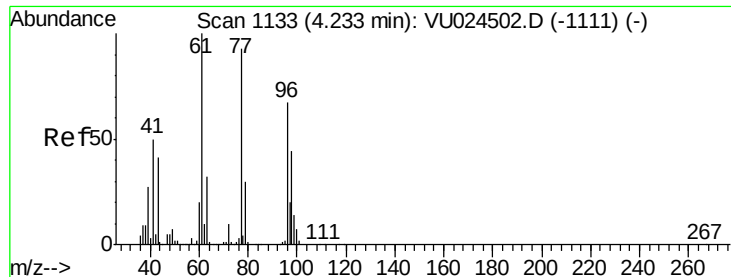
1000

0

Time-->

2.95 3.00 3.05





#27

cis-1,2-Dichloroethene

Concen: 24.08 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024818.D

Acq: 21 Jun 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

S32-0625

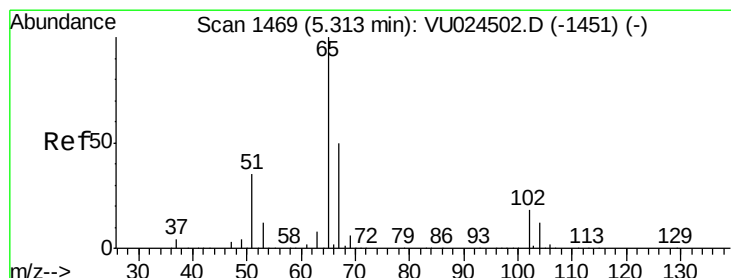
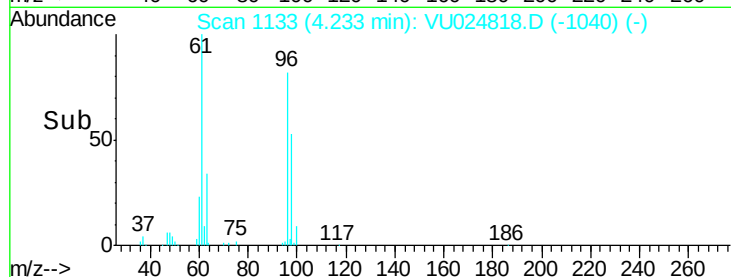
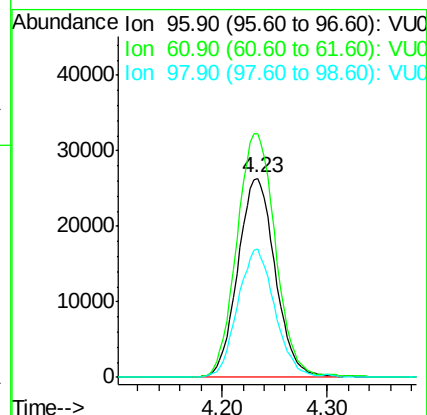
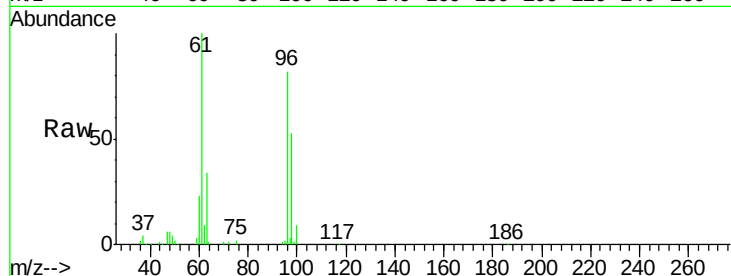
Tot Ion: 96 Resp: 64819

Ion Ratio Lower Upper

96 100

61 126.7 0.0 306.6

98 63.8 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 44.11 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024818.D

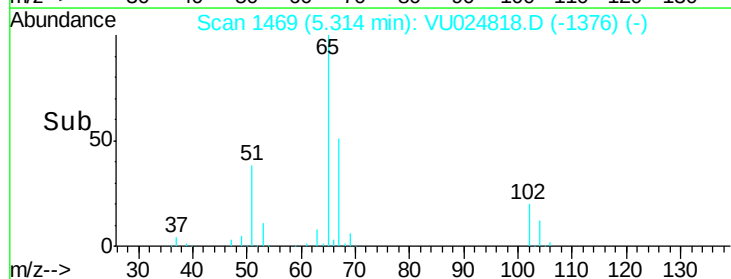
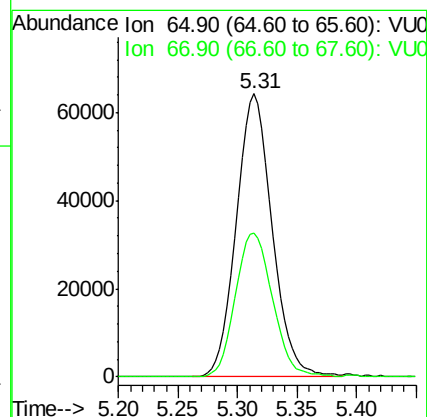
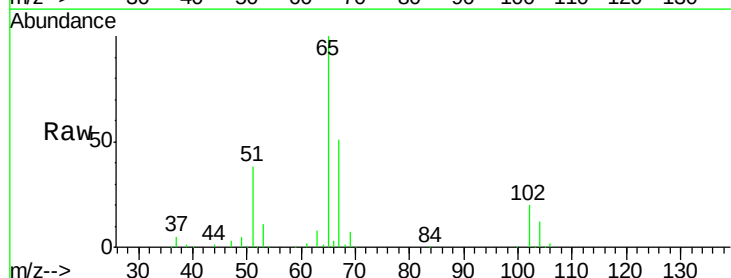
Acq: 21 Jun 2018 18:06

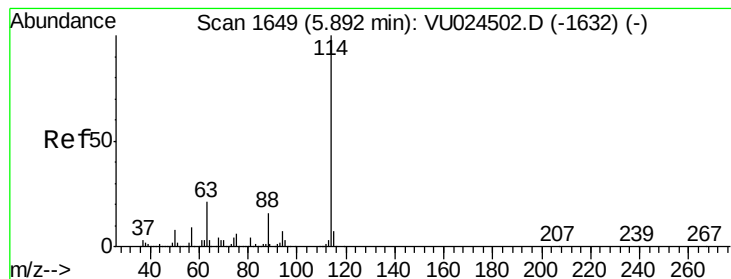
Tgt Ion: 65 Resp: 134456

Ion Ratio Lower Upper

65 100

67 52.7 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: VU024818.D

Acq: 21 Jun 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

S32-0625

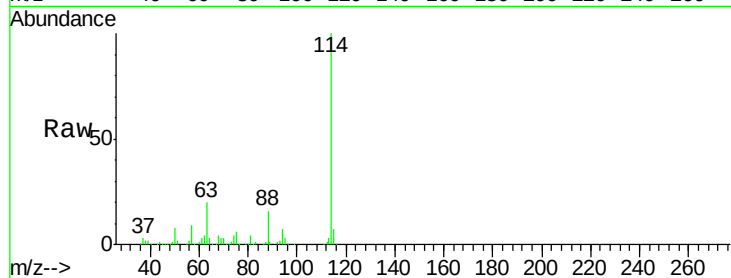
Tot Ion:114 Resp: 287042

Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.4

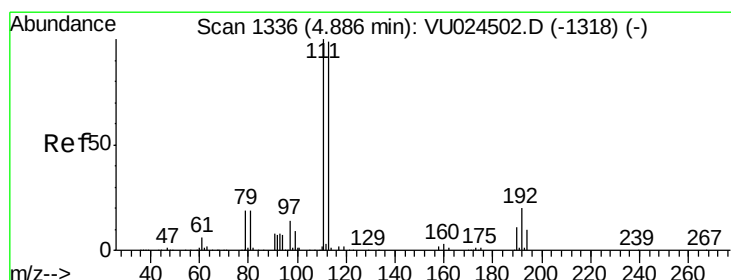
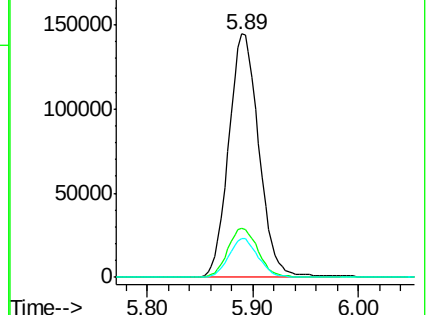
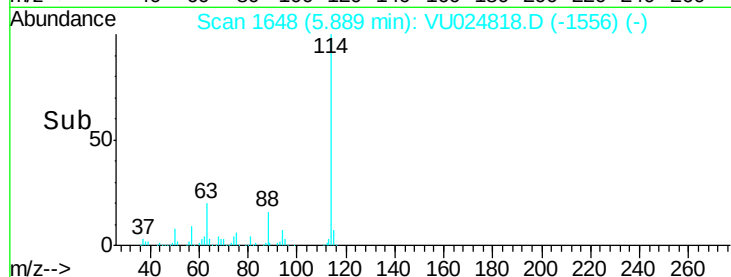
88 16.1 0.0 31.0



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: 46.96 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024818.D

Acq: 21 Jun 2018 18:06

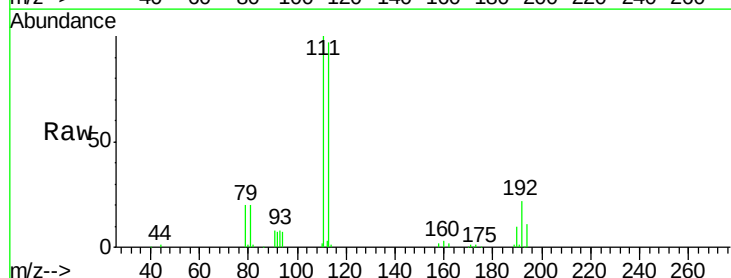
Tgt Ion:113 Resp: 111866

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

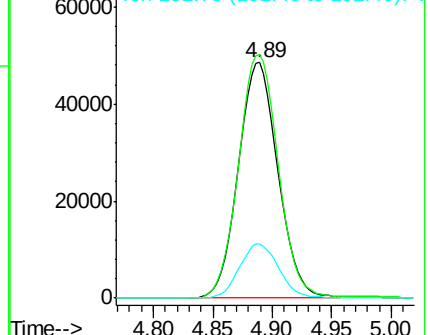
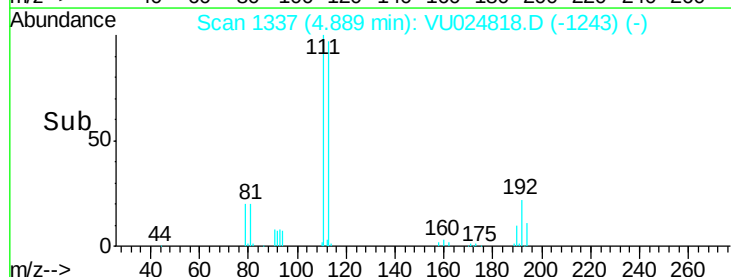
192 22.7 16.2 24.4

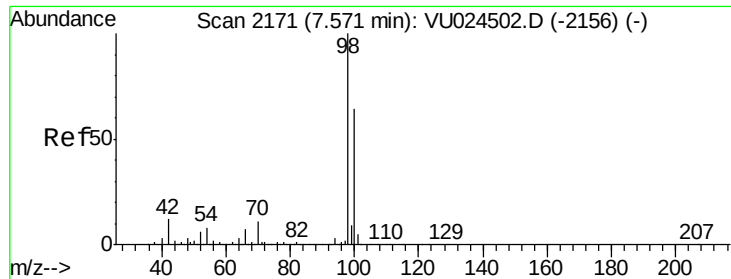


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

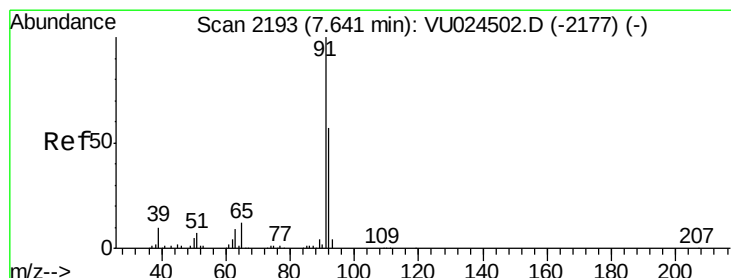
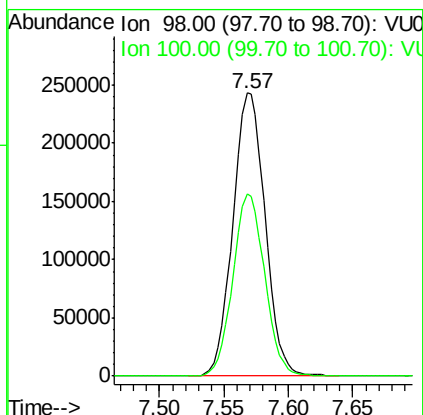
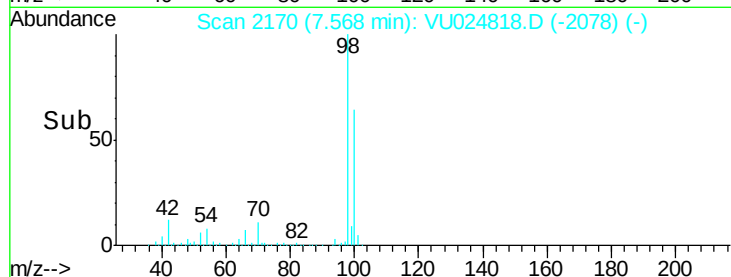
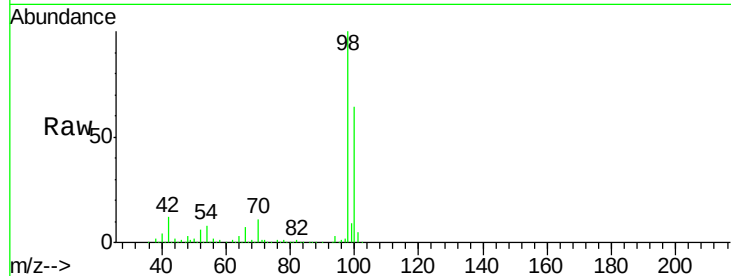




#50
Toluene-d8
Concen: 48.71 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024818.D
Acq: 21 Jun 2018 18:06

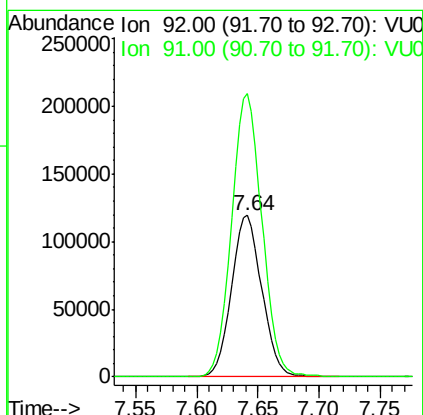
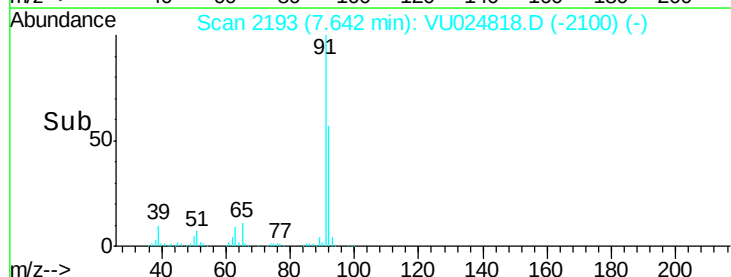
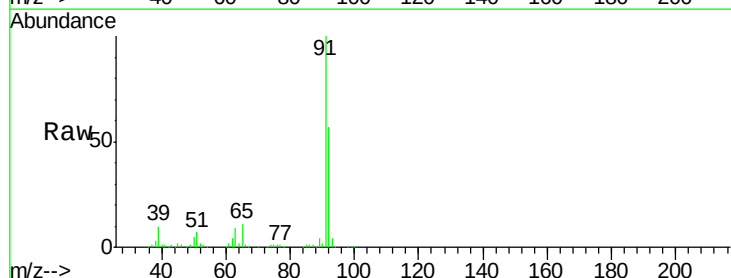
Instrument :
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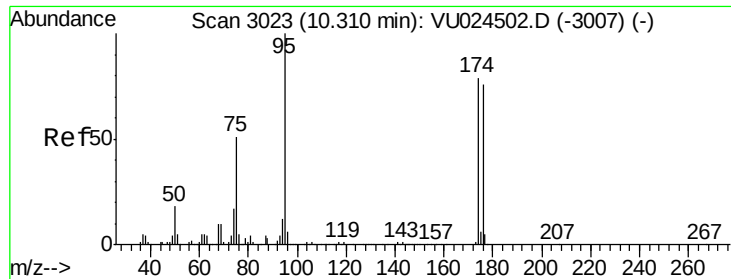
Tot Ion: 98 Resp: 423232
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



#52
Toluene
Concen: 33.47 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU024818.D
Acq: 21 Jun 2018 18:06

Tgt Ion: 92 Resp: 206944
Ion Ratio Lower Upper
92 100
91 175.1 140.5 210.7

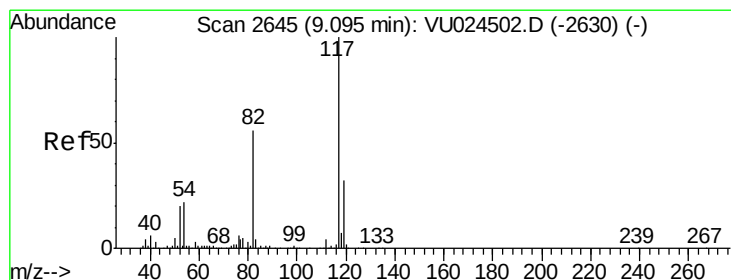
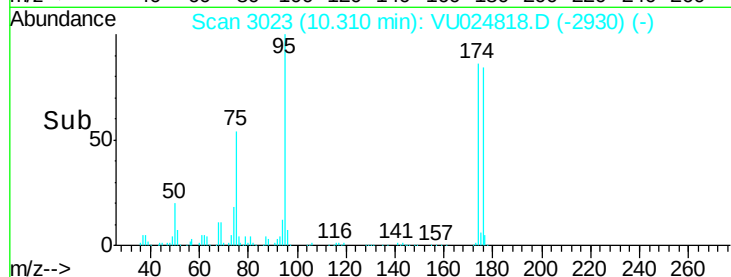
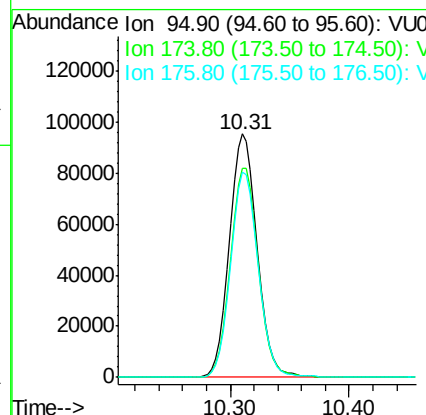
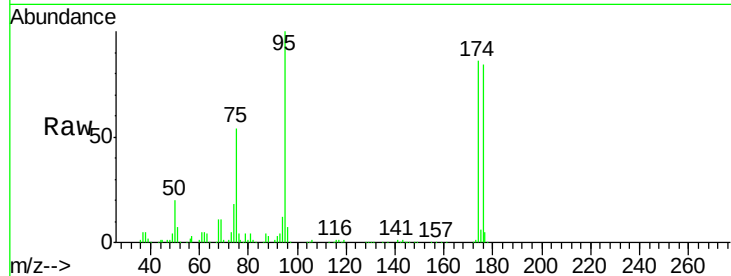




#62
4-Bromofluorobenzene
Concen: 44.68 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024818.D
Acq: 21 Jun 2018 18:06

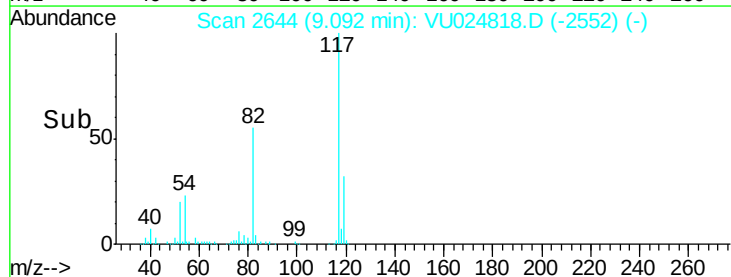
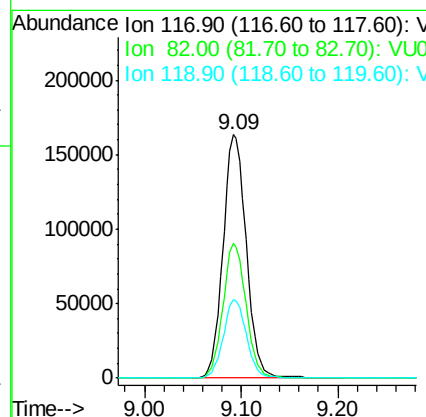
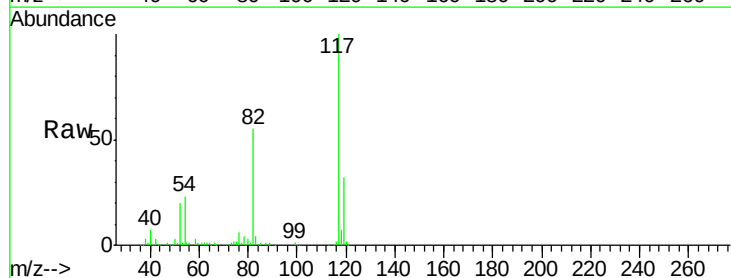
Instrument :
MSVOA_U
ClientSampleId :
S32-0625

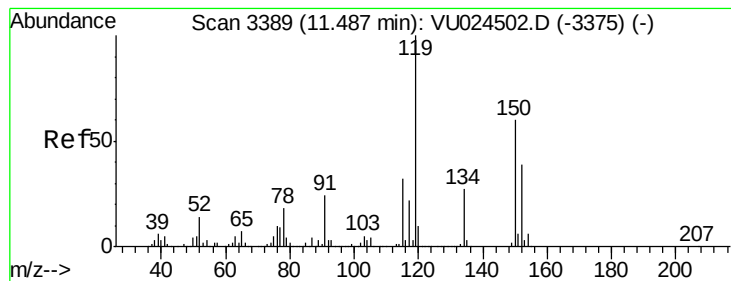
Tot Ion: 95 Resp: 154157
Ion Ratio Lower Upper
95 100
174 86.4 0.0 165.8
176 84.1 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024818.D
Acq: 21 Jun 2018 18:06

Tgt Ion: 117 Resp: 272883
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.0 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: VU024818.D

Acq: 21 Jun 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

S32-0625

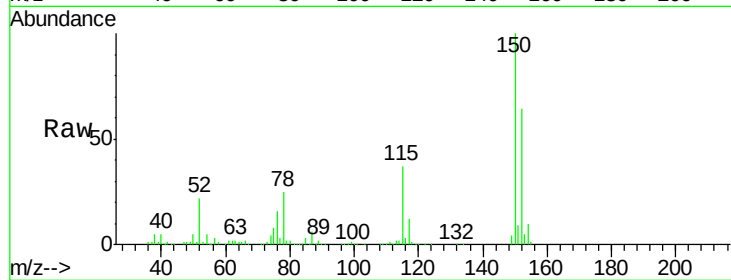
Tot Ion:152 Resp: 144831

Ion Ratio Lower Upper

152 100

115 57.2 43.0 129.0

150 156.9 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

