

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025372.D
 Acq On : 13 Jul 2018 05:15
 Operator : MD/SY
 Sample : J3828-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EO-01-071018-C

Quant Time: Jul 13 06:03:30 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

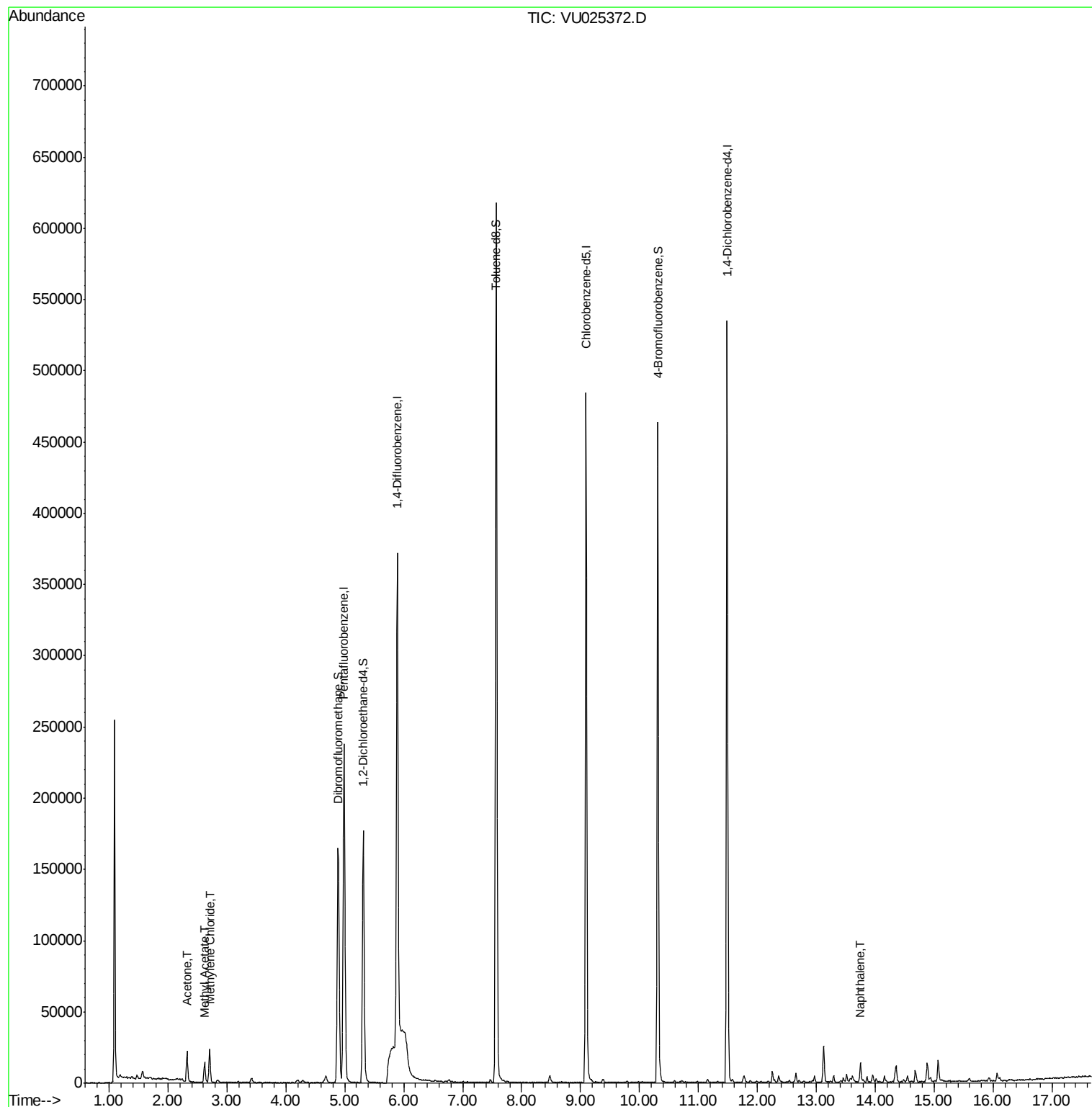
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	186869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287033	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	262851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	144881	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
35) Dibromofluoromethane	4.89	113	112460	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	7.57	98	410364	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	10.31	95	151245	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
Target Compounds						
16) Acetone	2.32	43	22674	19.874	ug/l	99
18) Methyl Acetate	2.62	43	17831	5.999	ug/l	99
20) Methylene Chloride	2.71	84	10158	5.152	ug/l	93
95) Naphthalene	13.75	128	11808	3.513	ug/l	96

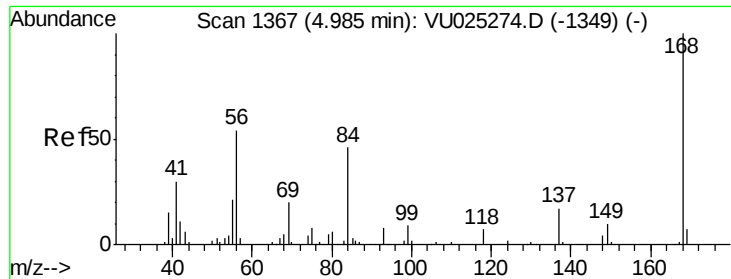
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025372.D

Acq: 13 Jul 2018 05:15

Instrument :

MSVOA_U

ClientSampleId :

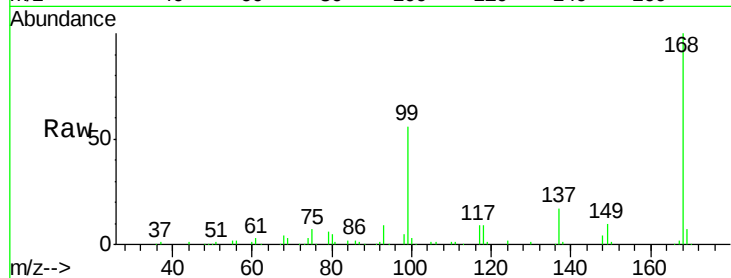
EO-01-071018-C

Tot Ion:168 Resp: 186869

Ion Ratio Lower Upper

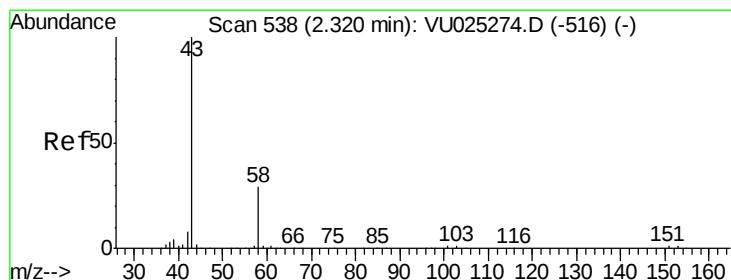
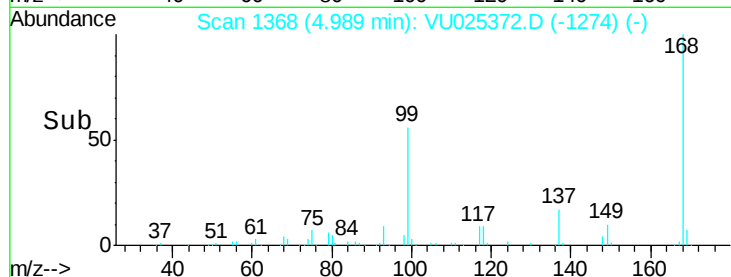
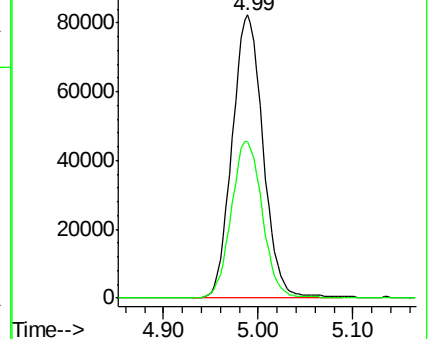
168 100

99 55.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)



#16

Acetone

Concen: 19.874 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025372.D

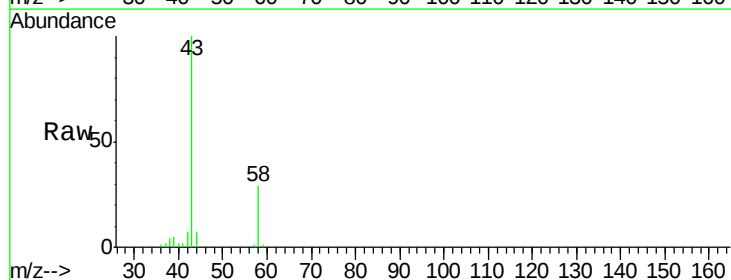
Acq: 13 Jul 2018 05:15

Tgt Ion: 43 Resp: 22674

Ion Ratio Lower Upper

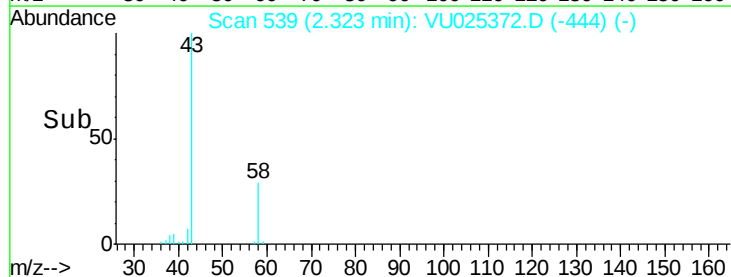
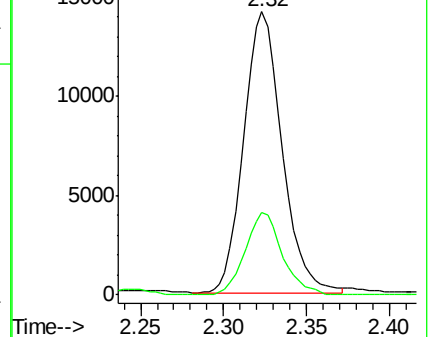
43 100

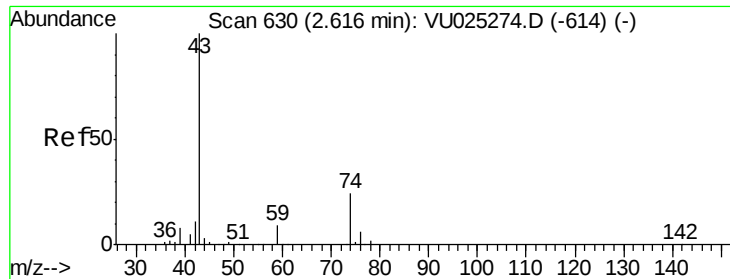
58 29.2 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-516) (-)

Ion 58.00 (57.70 to 58.70): VU025274.D (-516) (-)

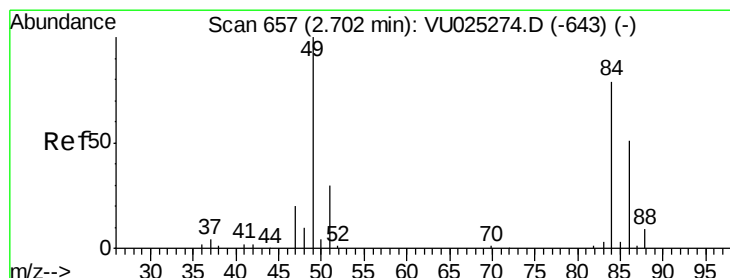
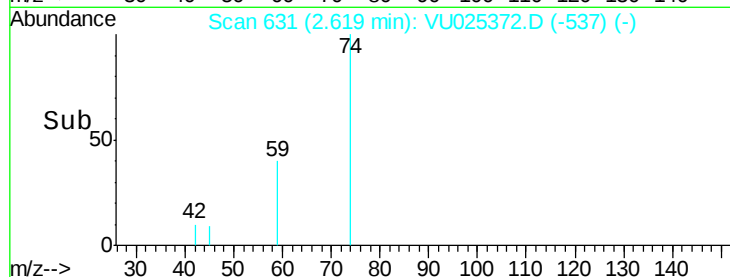
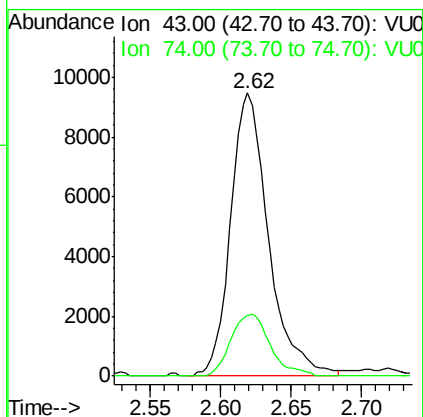
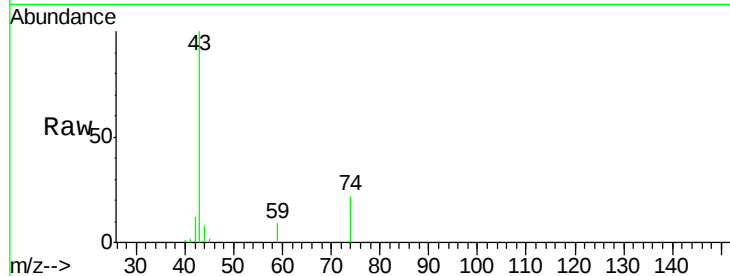




#18
Methyl Acetate
Concen: 5.999 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025372.D
Acq: 13 Jul 2018 05:15

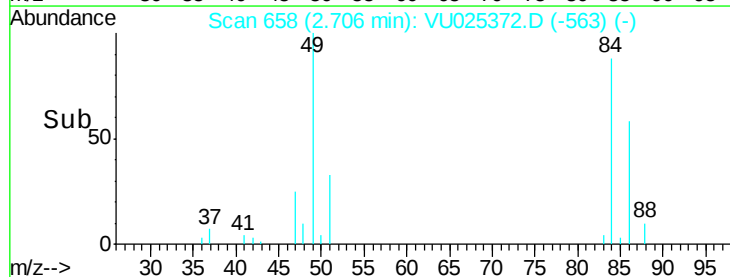
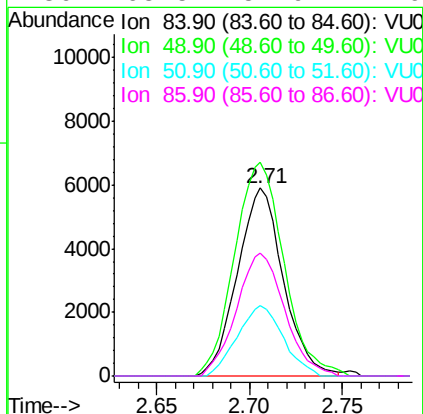
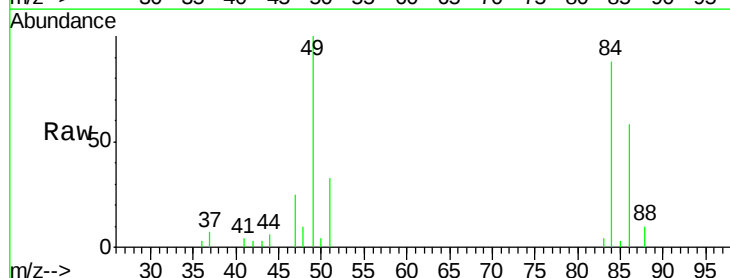
Instrument :
MSVOA_U
ClientSampleId :
EO-01-071018-C

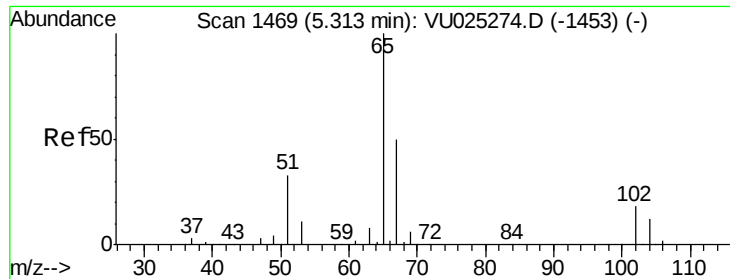
Tot Ion: 43 Resp: 17831
Ion Ratio Lower Upper
43 100
74 22.7 18.5 27.7



#20
Methylene Chloride
Concen: 5.152 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025372.D
Acq: 13 Jul 2018 05:15

Tgt Ion: 84 Resp: 10158
Ion Ratio Lower Upper
84 100
49 113.7 101.8 152.6
51 37.4 30.8 46.2
86 65.5 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 49.903 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025372.D

Acq: 13 Jul 2018 05:15

Instrument :

MSVOA_U

ClientSampleId :

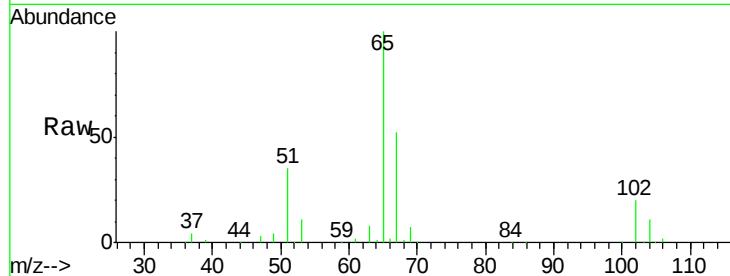
EO-01-071018-C

Tot Ion: 65 Resp: 144881

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025274.D (-1453) (-)

Ion 66.90 (66.60 to 67.60): VU025274.D (-1453) (-)

5.31

60000

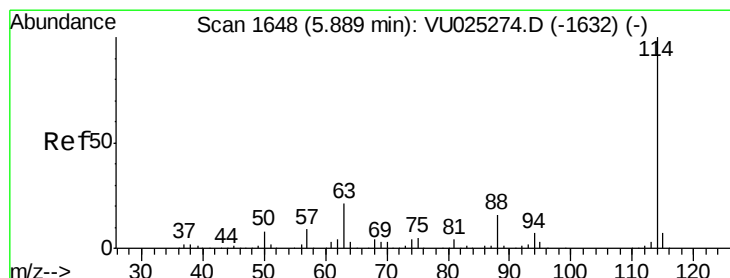
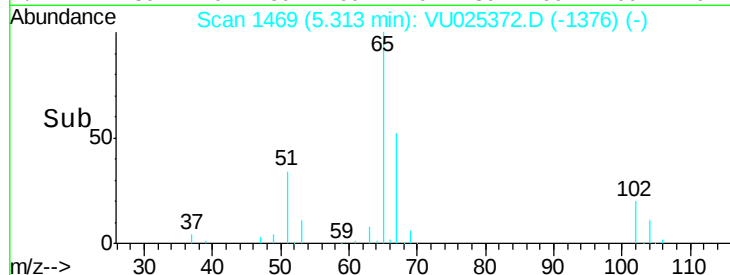
40000

20000

0

Time-->

5.20 5.30 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025372.D

Acq: 13 Jul 2018 05:15

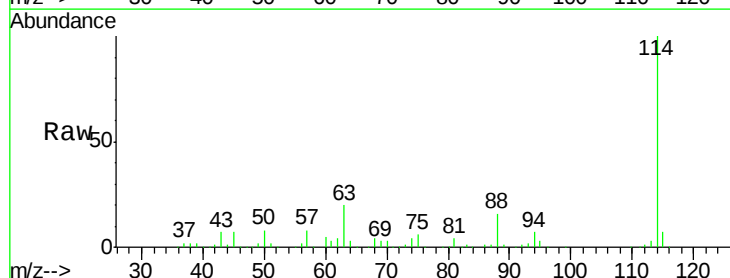
Tgt Ion: 114 Resp: 287033

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 16.0 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): VU025274.D (-1632) (-)

Ion 63.00 (62.70 to 63.70): VU025274.D (-1632) (-)

Ion 87.90 (87.60 to 88.60): VU025274.D (-1632) (-)

200000

150000

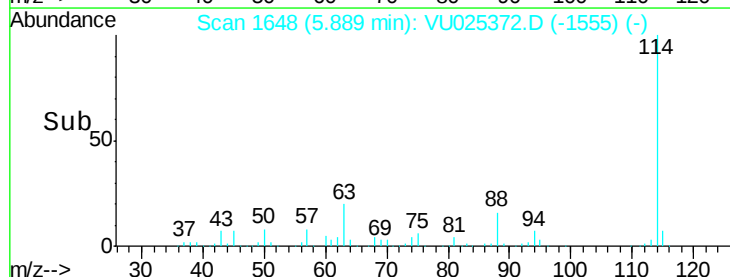
100000

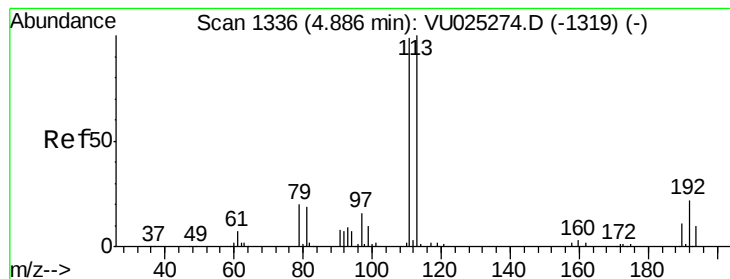
50000

0

Time-->

5.80 5.85 5.90 5.95





#35

Dibromofluoromethane

Concen: 46.445 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025372.D

Acq: 13 Jul 2018 05:15

Instrument :

MSVOA_U

ClientSampleId :

EO-01-071018-C

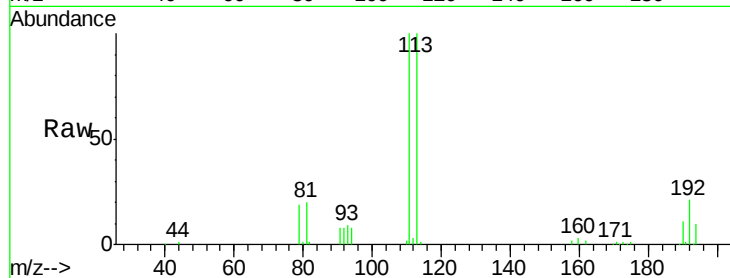
Tot Ion:113 Resp: 112460

Ion Ratio Lower Upper

113 100

111 100.2 81.7 122.5

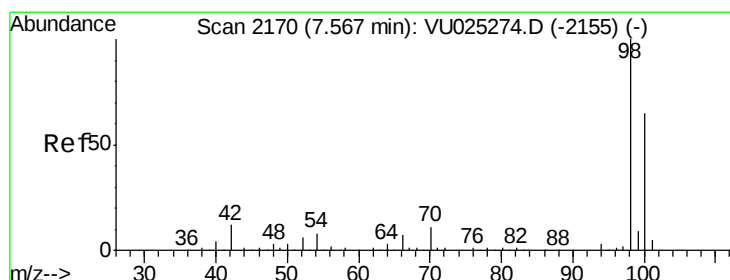
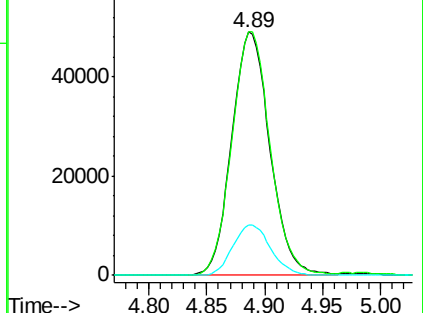
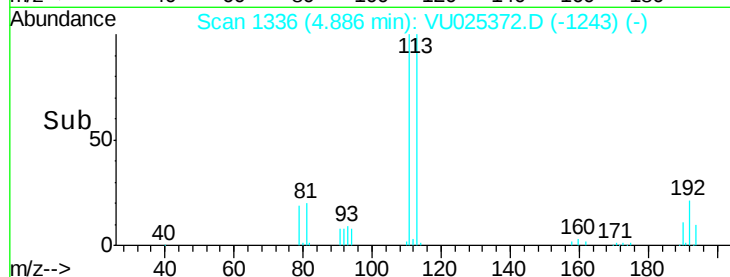
192 20.6 17.1 25.7



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: 49.491 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025372.D

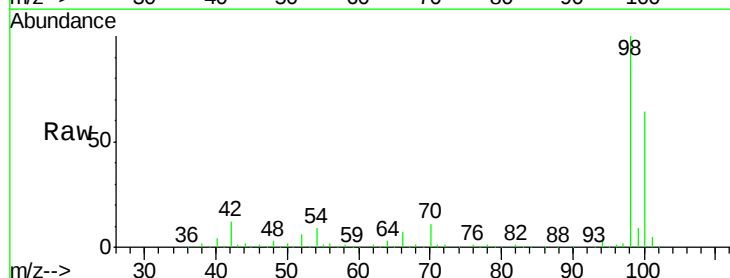
Acq: 13 Jul 2018 05:15

Tgt Ion: 98 Resp: 410364

Ion Ratio Lower Upper

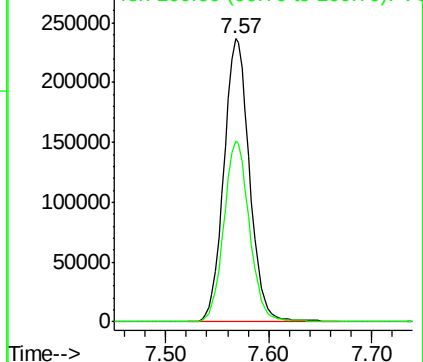
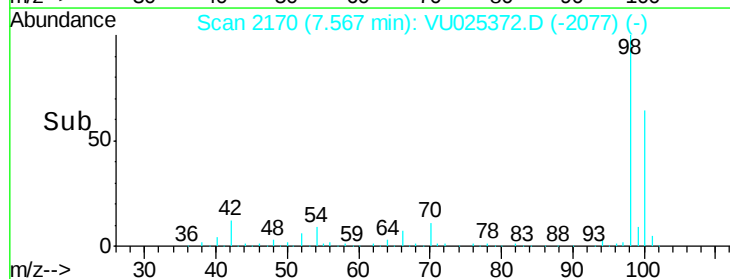
98 100

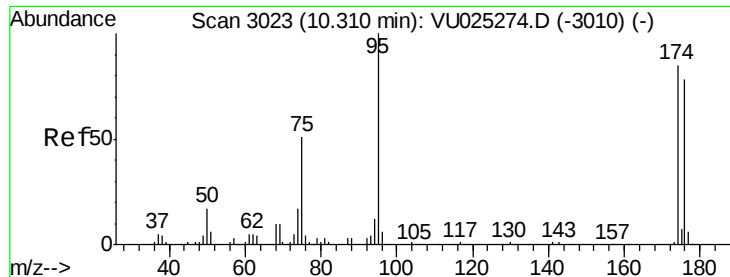
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

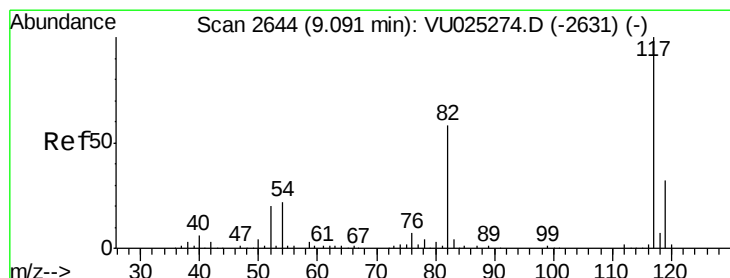
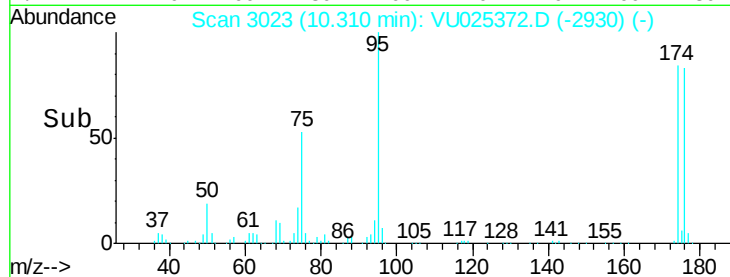
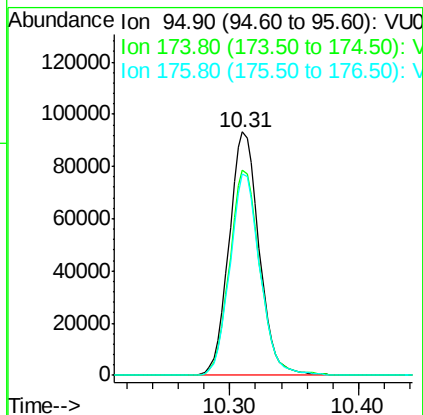
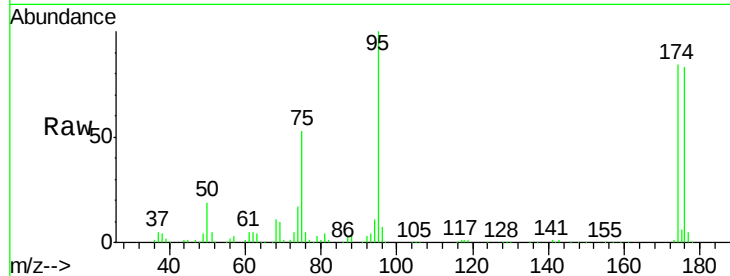




#62
4-Bromofluorobenzene
Concen: 45.307 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025372.D
Acq: 13 Jul 2018 05:15

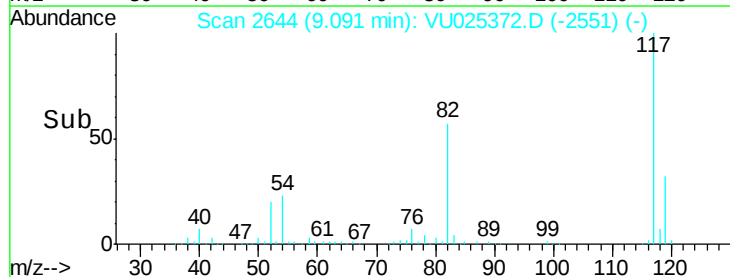
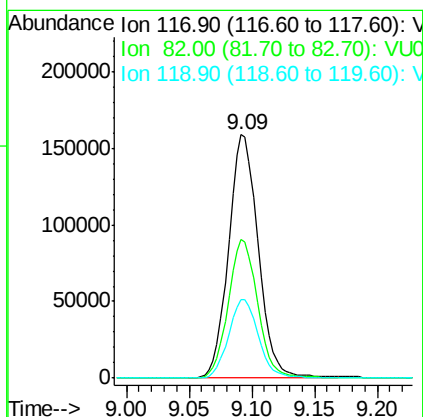
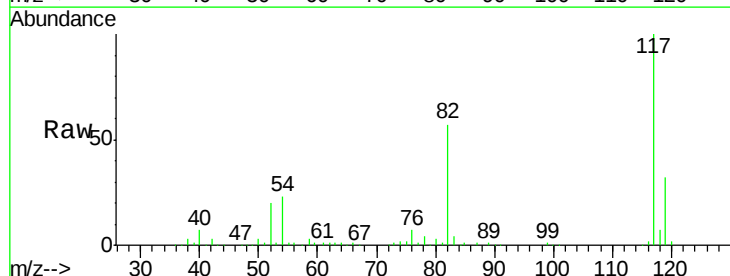
Instrument :
MSVOA_U
ClientSampleId :
EO-01-071018-C

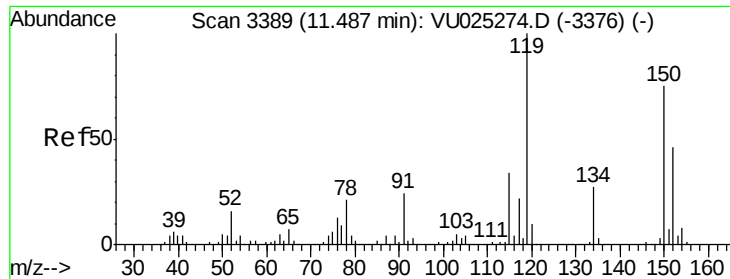
Tot Ion: 95 Resp: 151245
Ion Ratio Lower Upper
95 100
174 85.0 0.0 172.2
176 82.9 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025372.D
Acq: 13 Jul 2018 05:15

Tgt Ion: 117 Resp: 262851
Ion Ratio Lower Upper
117 100
82 56.8 46.0 69.0
119 32.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025372.D

Acq: 13 Jul 2018 05:15

Instrument :

MSVOA_U

ClientSampleId :

EO-01-071018-C

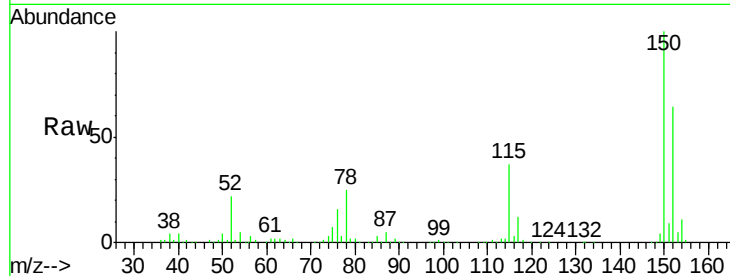
Tot Ion:152 Resp: 139179

Ion Ratio Lower Upper

152 100

115 58.1 40.1 120.3

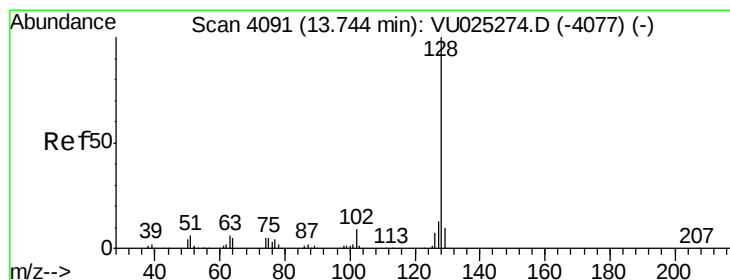
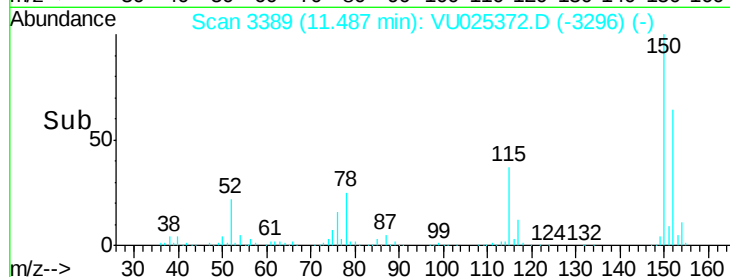
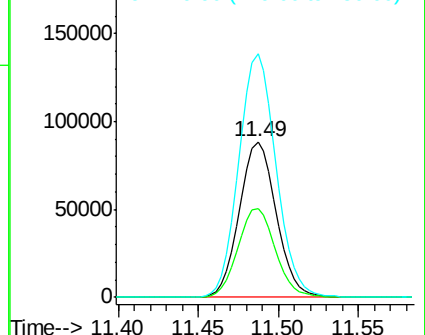
150 158.5 0.0 351.4



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



#95

Naphthalene

Concen: 3.513 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025372.D

Acq: 13 Jul 2018 05:15

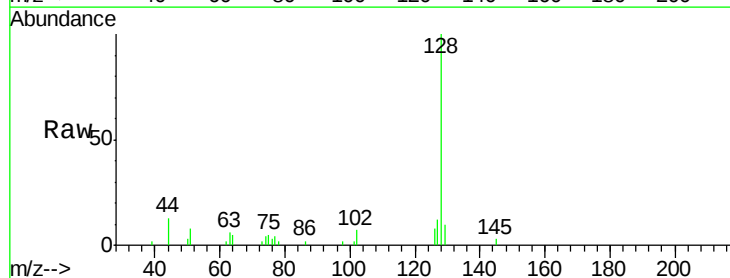
Tgt Ion:128 Resp: 11808

Ion Ratio Lower Upper

128 100

127 11.7 10.5 15.7

129 12.4 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

