

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025381.D
 Acq On : 13 Jul 2018 08:52
 Operator : MD/SY
 Sample : J3825-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-071118-C

Quant Time: Jul 13 11:11:11 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

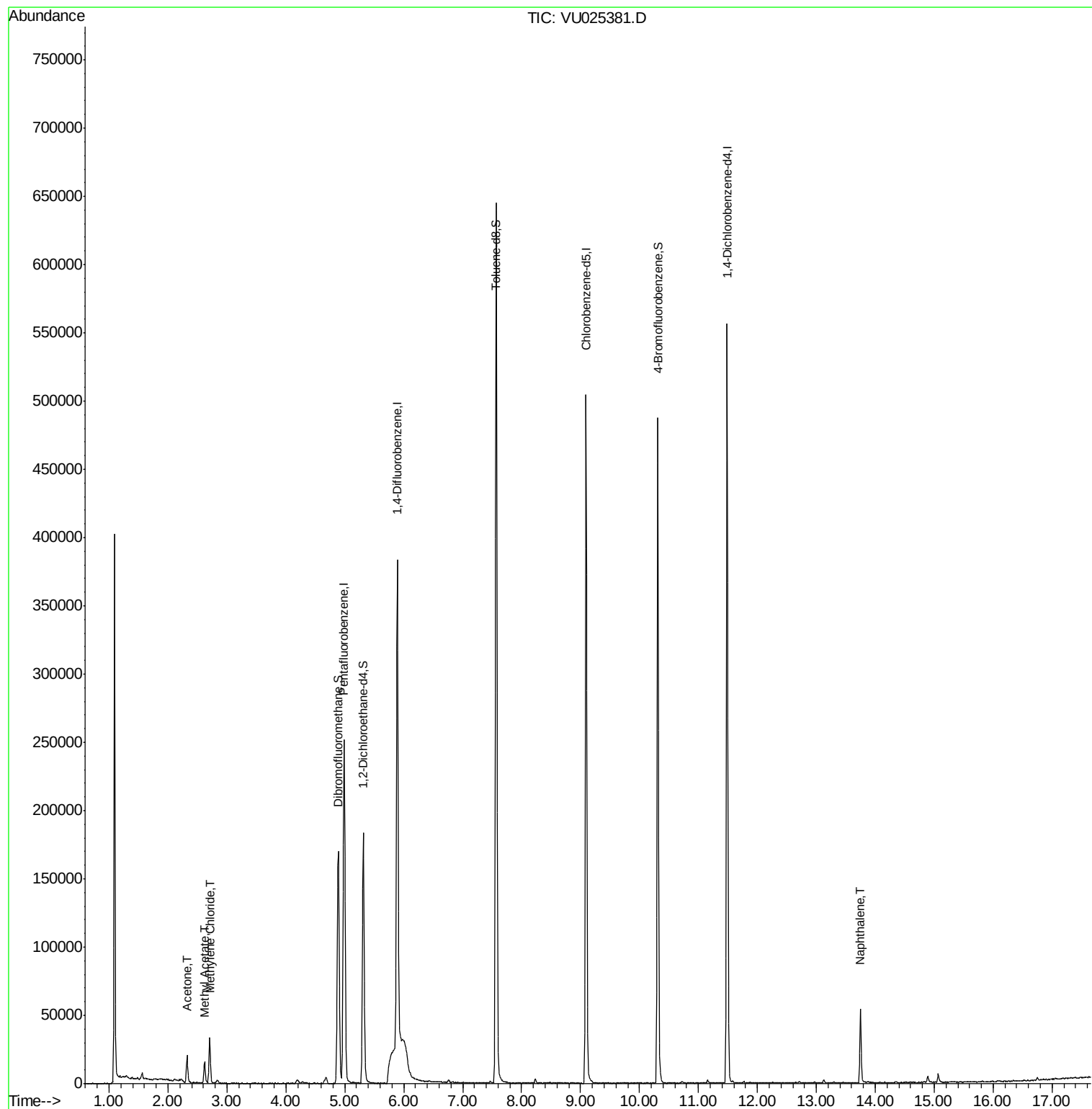
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	194249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298147	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	275881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	151784	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	4.89	113	115262	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
50) Toluene-d8	7.57	98	429497	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	10.31	95	157732	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
16) Acetone	2.32	43	21816	18.758	ug/l	98
18) Methyl Acetate	2.62	43	18459	5.974	ug/l	98
20) Methylene Chloride	2.71	84	14864	6.970	ug/l	97
95) Naphthalene	13.75	128	46799	6.482	ug/l	98

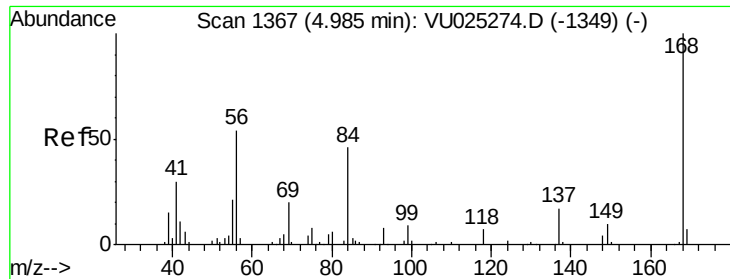
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025381.D

Acq: 13 Jul 2018 08:52

Instrument :

MSVOA_U

ClientSampleId :

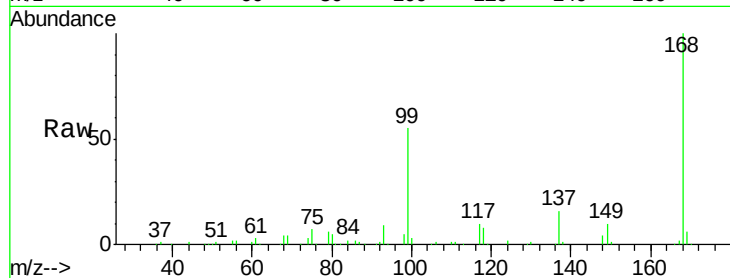
CL-02-071118-C

Tot Ion:168 Resp: 194249

Ion Ratio Lower Upper

168 100

99 54.9 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) (-)

4.99

80000

60000

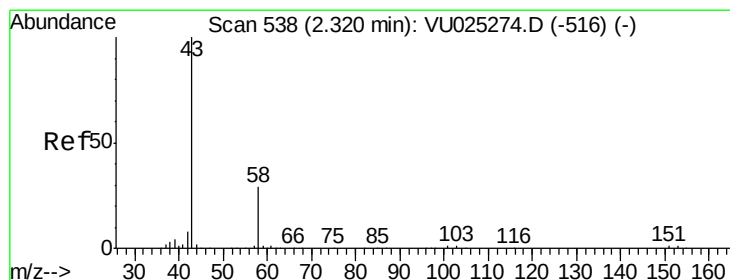
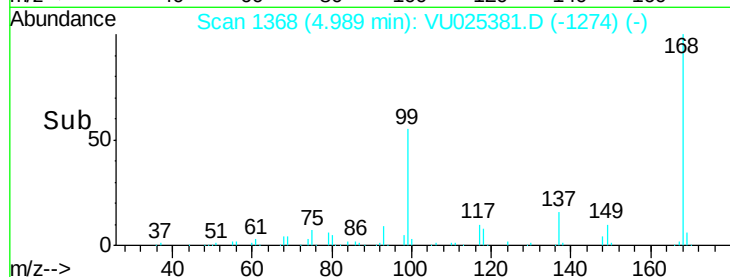
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 18.758 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025381.D

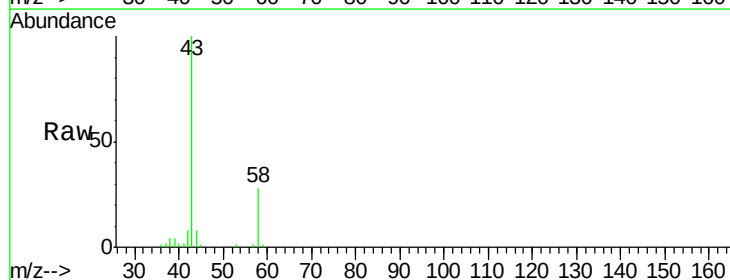
Acq: 13 Jul 2018 08:52

Tgt Ion: 43 Resp: 21816

Ion Ratio Lower Upper

43 100

58 27.6 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) (-)

2.32

15000

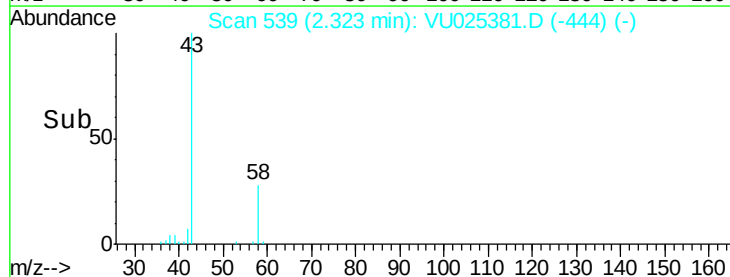
10000

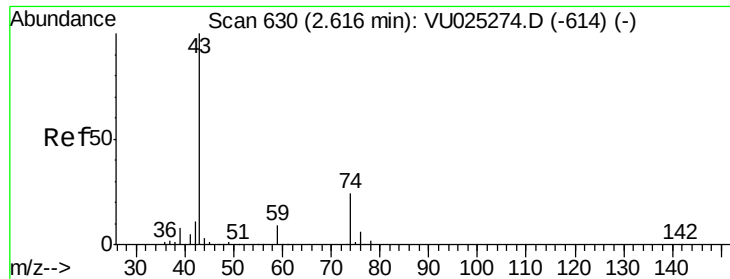
5000

0

2.25 2.30 2.35 2.40

Time-->

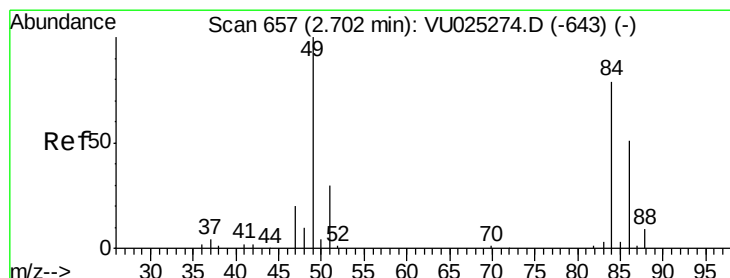
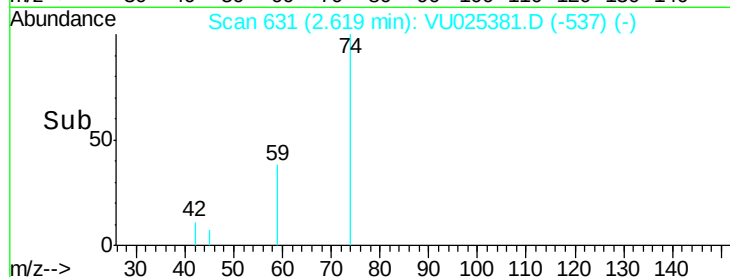
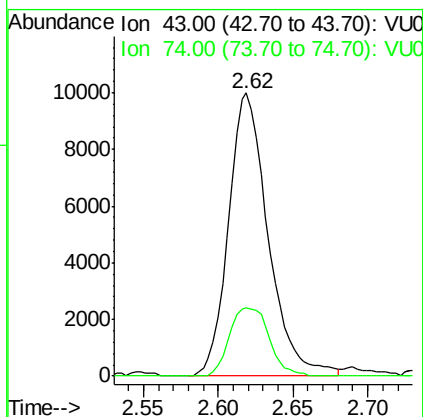
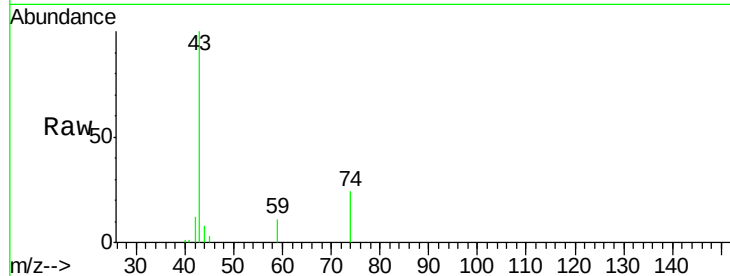




#18
Methvl Acetate
Concen: 5.974 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025381.D
Acq: 13 Jul 2018 08:52

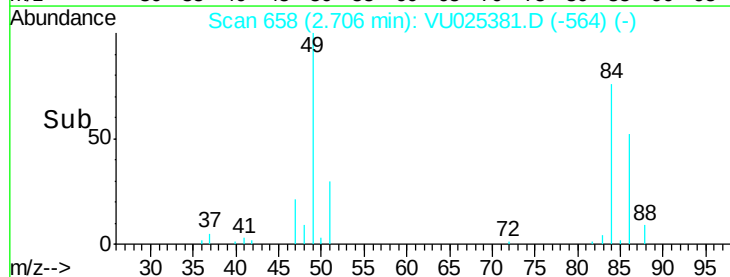
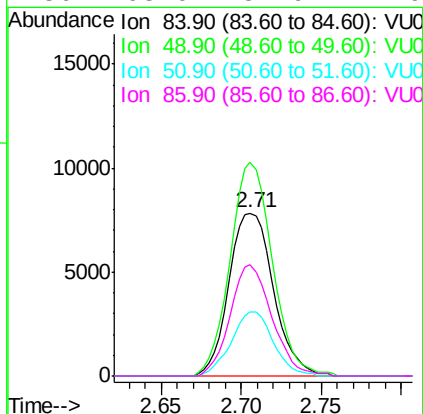
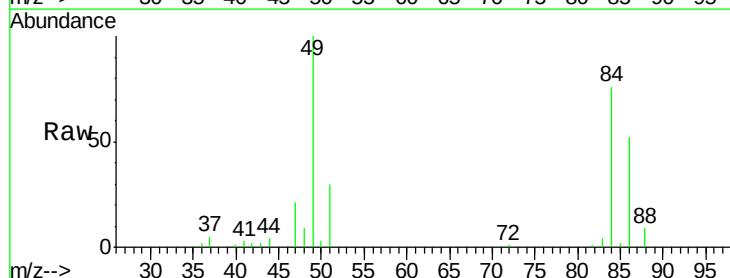
Instrument :
MSVOA_U
ClientSampleId :
CL-02-071118-C

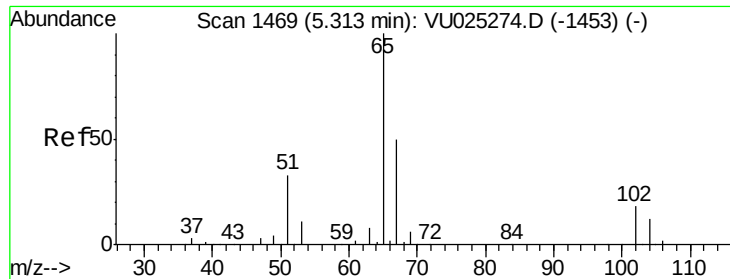
Tot Ion: 43 Resp: 18459
Ion Ratio Lower Upper
43 100
74 24.2 18.5 27.7



#20
Methylene Chloride
Concen: 6.970 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025381.D
Acq: 13 Jul 2018 08:52

Tgt Ion: 84 Resp: 14864
Ion Ratio Lower Upper
84 100
49 130.9 101.8 152.6
51 38.9 30.8 46.2
86 68.0 51.9 77.9

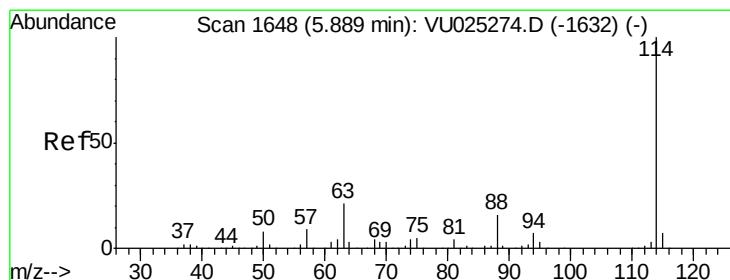
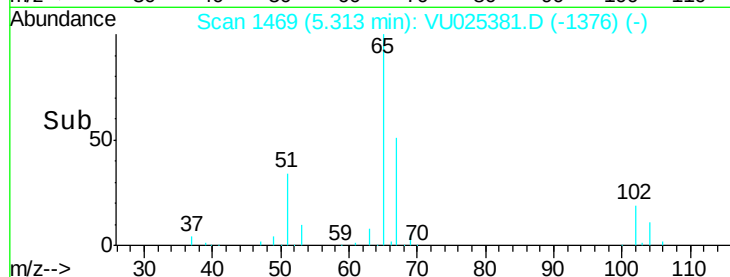
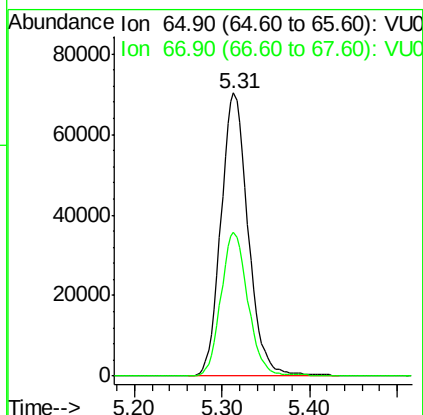
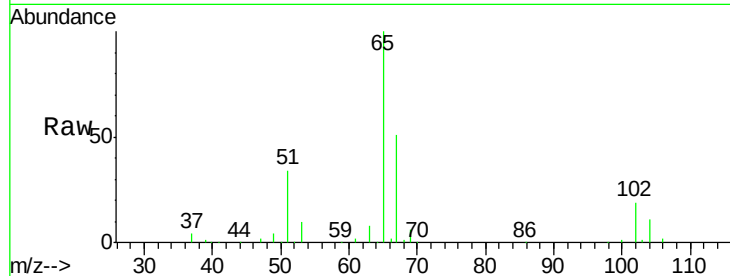




#33
 1,2-Dichloroethane-d4
 Concen: 50.294 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025381.D
 Acq: 13 Jul 2018 08:52

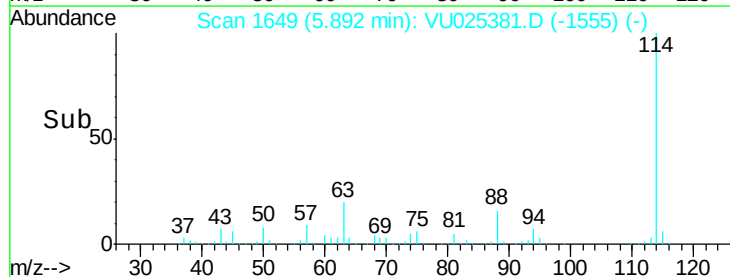
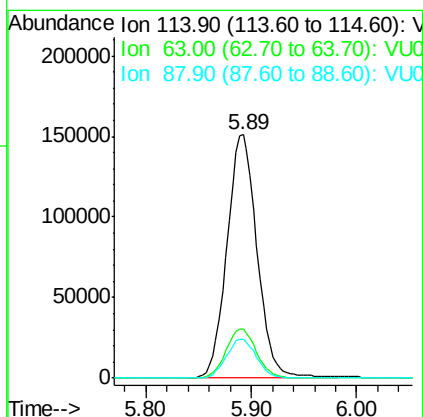
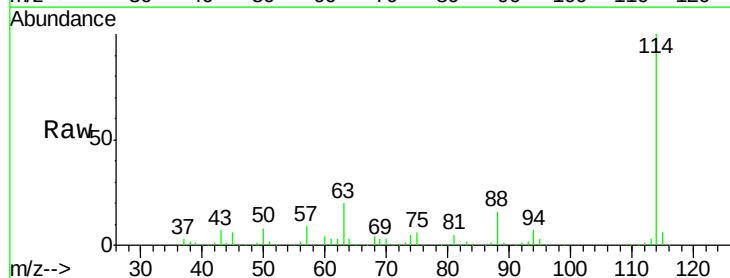
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-071118-C

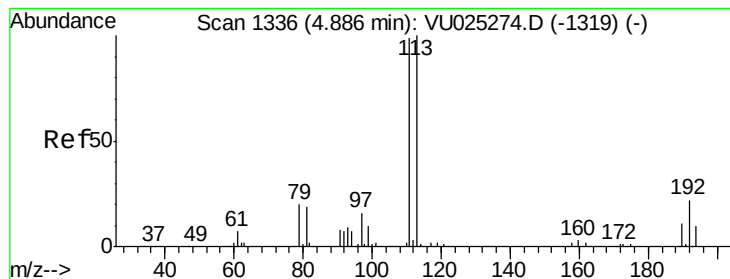
Tot Ion: 65 Resp: 151784
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025381.D
 Acq: 13 Jul 2018 08:52

Tgt Ion: 114 Resp: 298147
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.6
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.827 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025381.D

Acq: 13 Jul 2018 08:52

Instrument :

MSVOA_U

ClientSampleId :

CL-02-071118-C

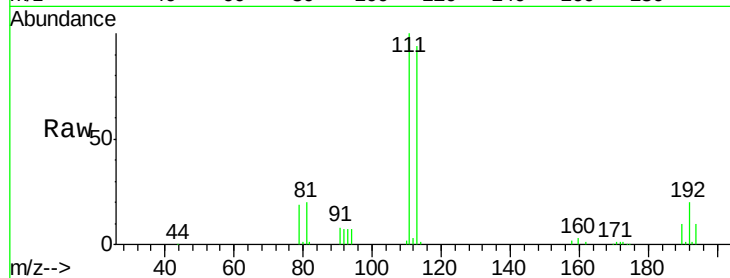
Tot Ion:113 Resp: 115262

Ion Ratio Lower Upper

113 100

111 103.9 81.7 122.5

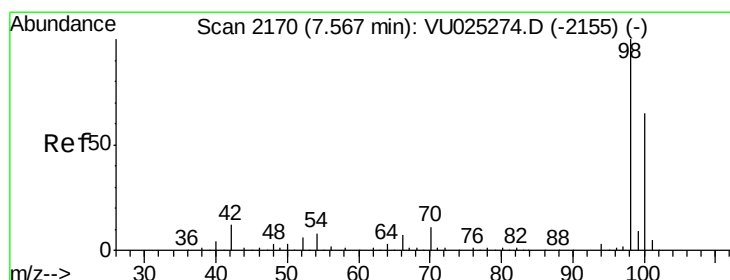
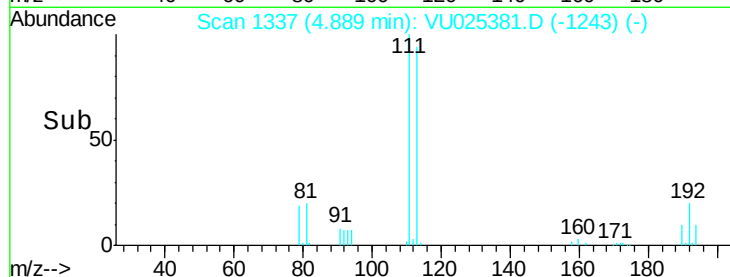
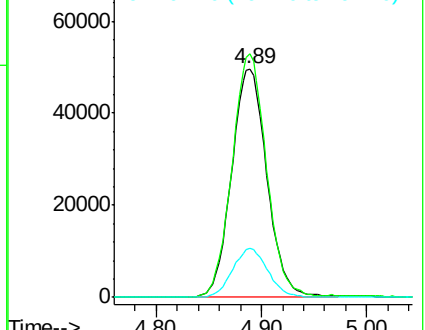
192 21.5 17.1 25.7



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: 49.868 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025381.D

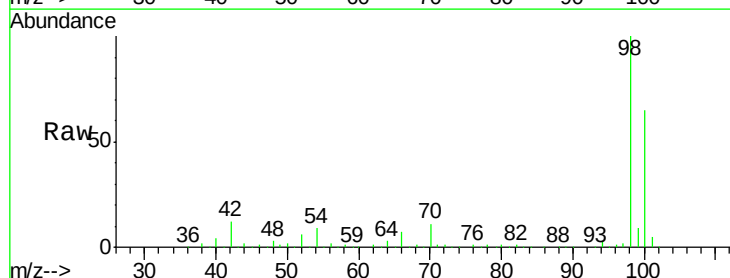
Acq: 13 Jul 2018 08:52

Tgt Ion: 98 Resp: 429497

Ion Ratio Lower Upper

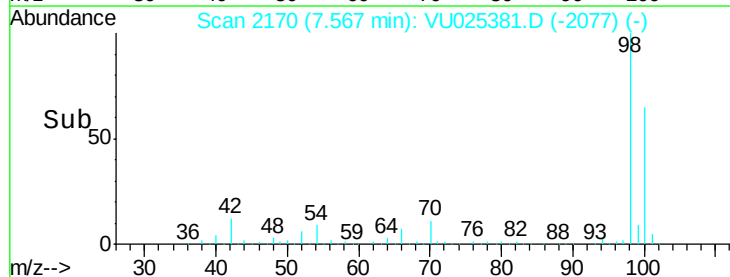
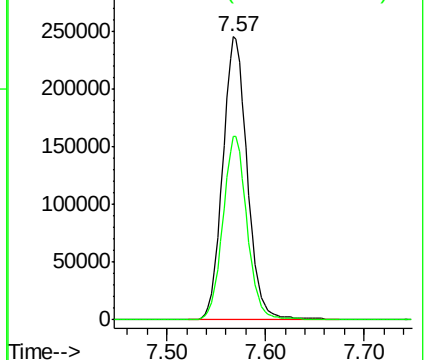
98 100

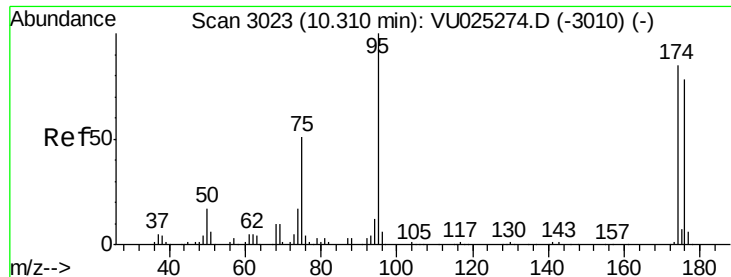
100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 45.489 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025381.D

Acq: 13 Jul 2018 08:52

Instrument :

MSVOA_U

ClientSampleId :

CL-02-071118-C

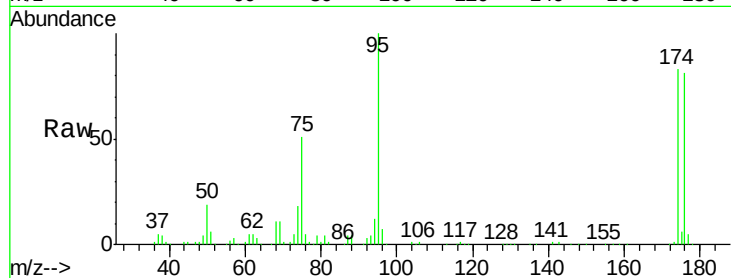
Tot Ion: 95 Resp: 157732

Ion Ratio Lower Upper

95 100

174 86.0 0.0 172.2

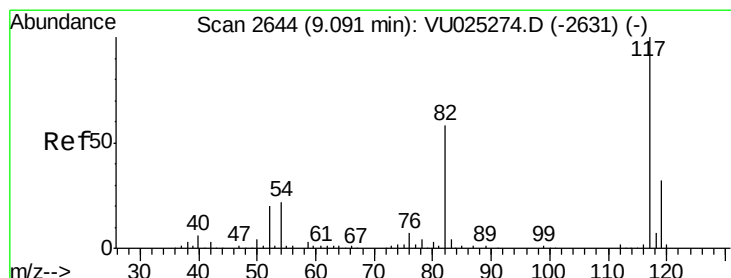
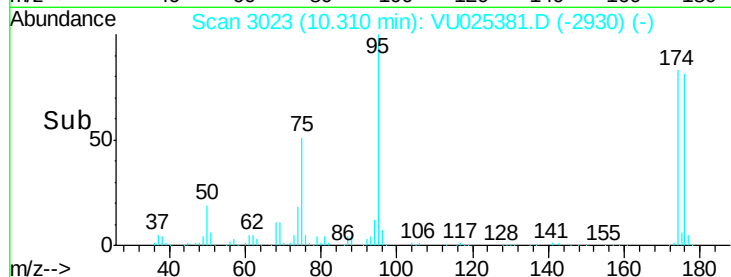
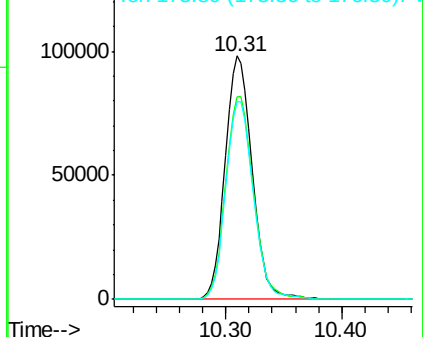
176 83.1 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025274.D (-3010) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VU025381.D

Acq: 13 Jul 2018 08:52

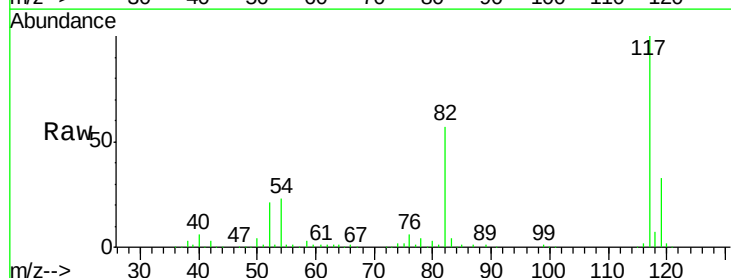
Tgt Ion: 117 Resp: 275881

Ion Ratio Lower Upper

117 100

82 56.6 46.0 69.0

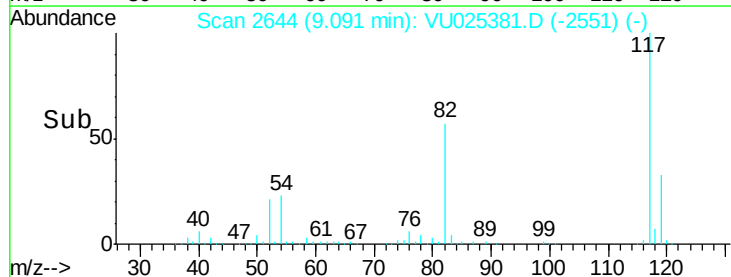
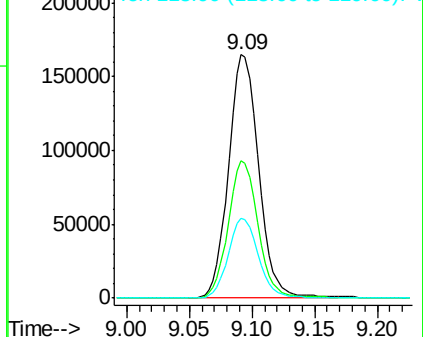
119 32.9 26.0 39.0

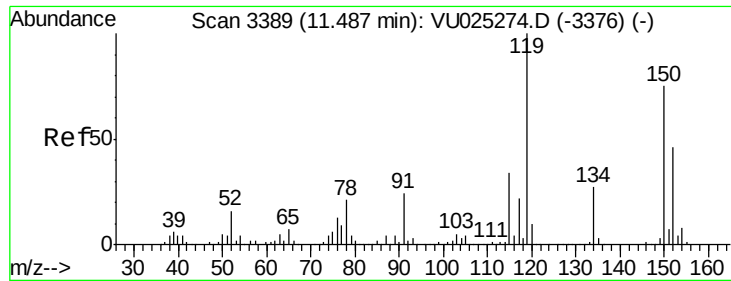


Abundance Ion 116.90 (116.60 to 117.60): VU025274.D (-2631) (-)

Ion 82.00 (81.70 to 82.70): VU025274.D (-2631) (-)

Ion 118.90 (118.60 to 119.60): VU025274.D (-2631) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025381.D

Acq: 13 Jul 2018 08:52

Instrument :

MSVOA_U

ClientSampleId :

CL-02-071118-C

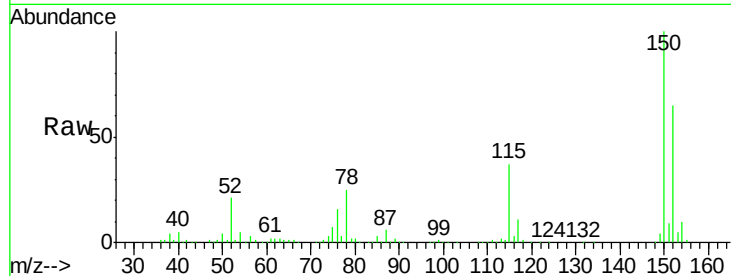
Tot Ion:152 Resp: 149109

Ion Ratio Lower Upper

152 100

115 56.3 40.1 120.3

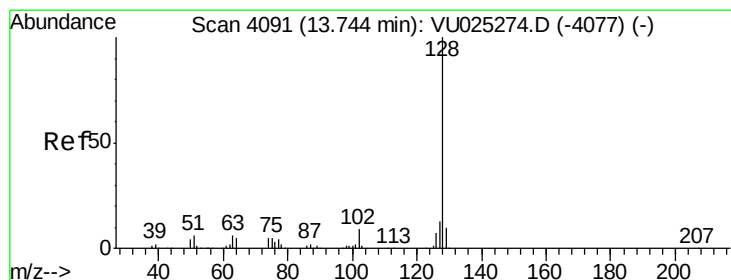
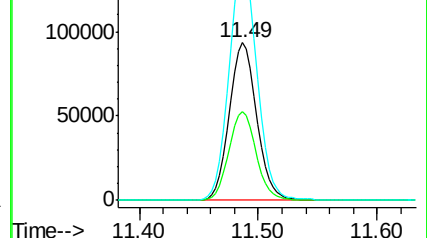
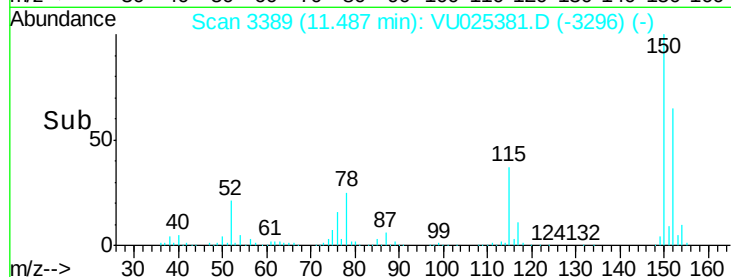
150 154.9 0.0 351.4



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: 6.482 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025381.D

Acq: 13 Jul 2018 08:52

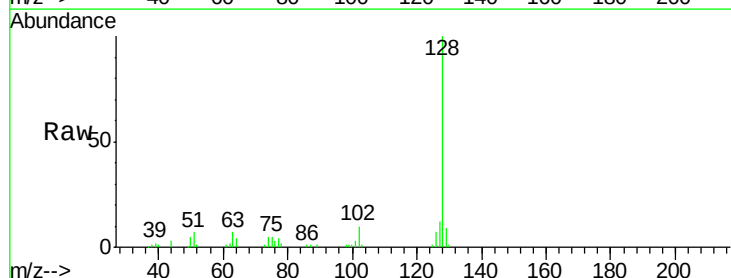
Tgt Ion:128 Resp: 46799

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 9.9 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

