

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025375.D
 Acq On : 13 Jul 2018 06:27
 Operator : MD/SY
 Sample : J3947-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-1

Quant Time: Jul 13 06:57:31 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

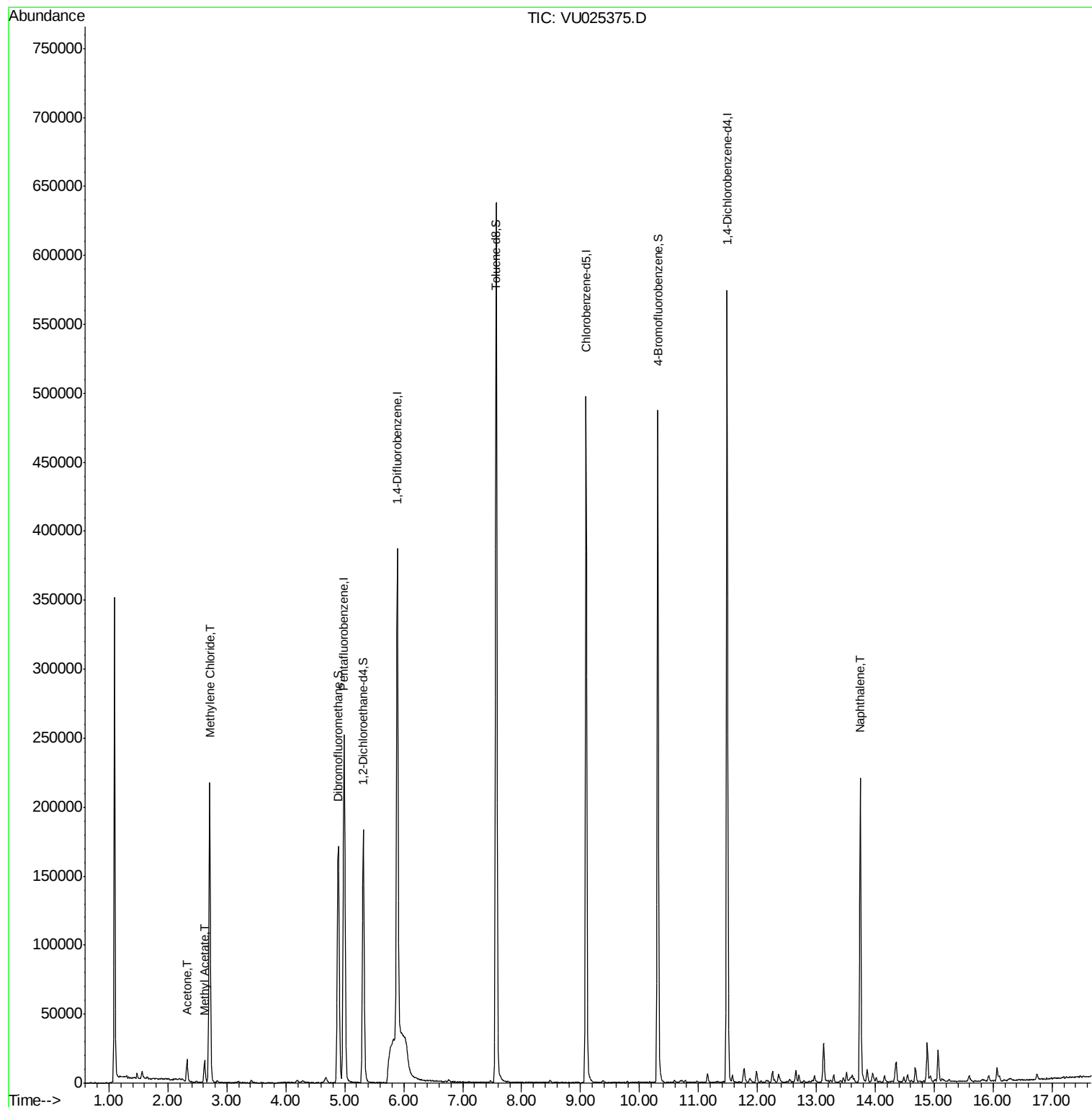
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	300691	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	151947	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
35) Dibromofluoromethane	4.89	113	118437	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	7.57	98	430047	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	10.31	95	157377	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
Target Compounds						
16) Acetone	2.32	43	17177	15.922	ug/l	97
18) Methyl Acetate	2.62	43	19695	6.443	ug/l	95
20) Methylene Chloride	2.71	84	95668	41.536	ug/l	99
95) Naphthalene	13.74	128	176982	18.041	ug/l	99

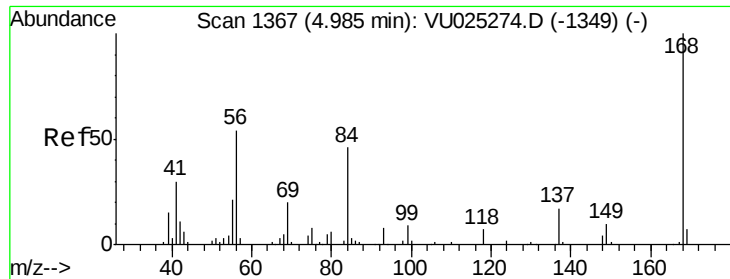
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

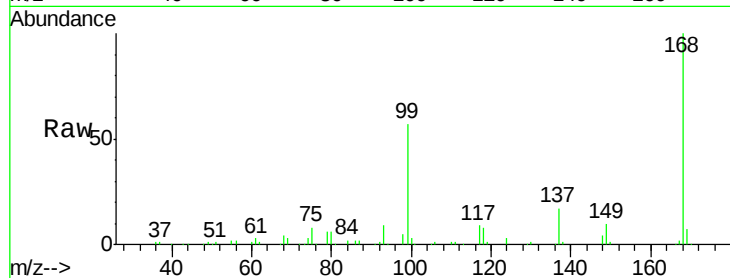
PAR-1

Tot Ion:168 Resp: 192179

Ion Ratio Lower Upper

168 100

99 56.5 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

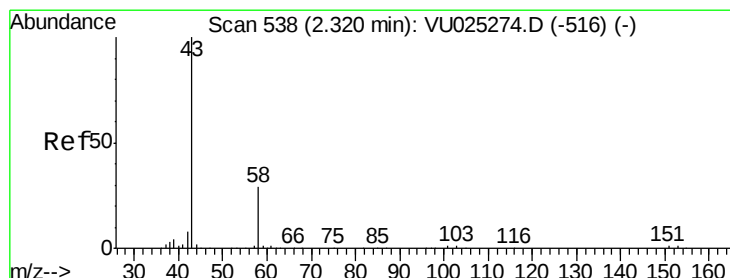
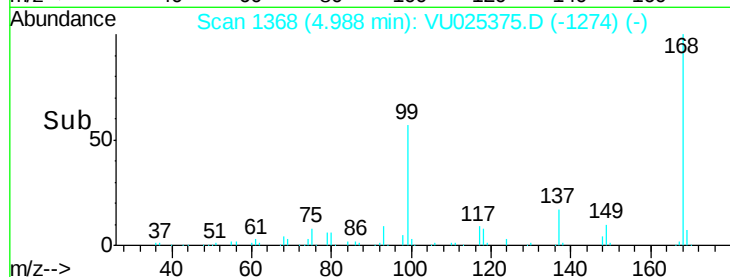
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 15.922 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025375.D

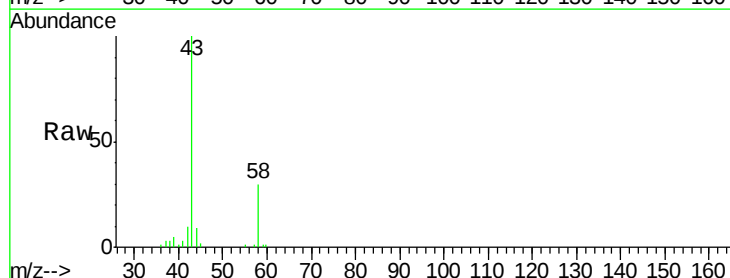
Acq: 13 Jul 2018 06:27

Tgt Ion: 43 Resp: 17177

Ion Ratio Lower Upper

43 100

58 30.5 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

12000

10000

8000

6000

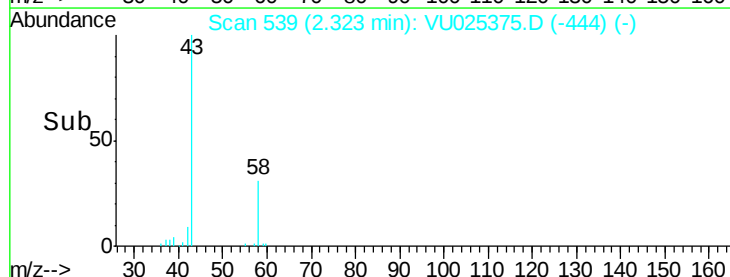
4000

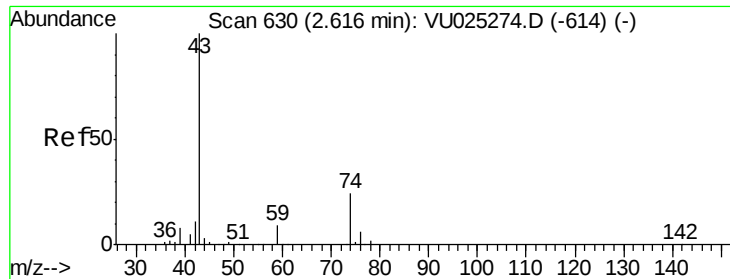
2000

0

2.25 2.30 2.35

Time-->

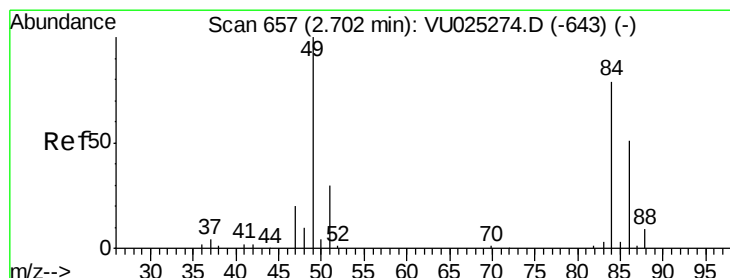
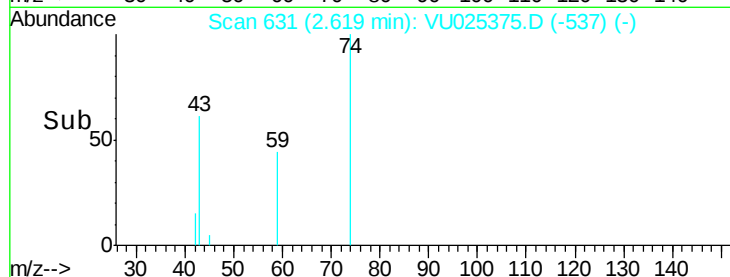
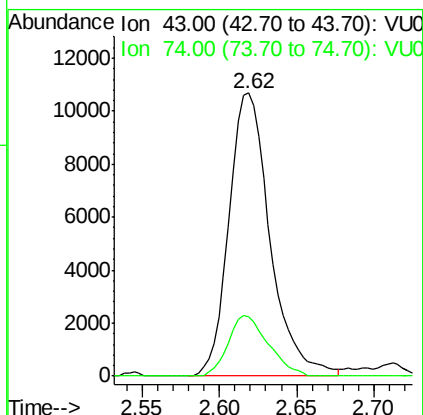
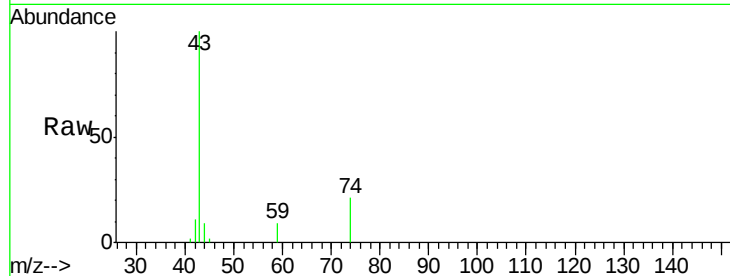




#18
Methvl Acetate
Concen: 6.443 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

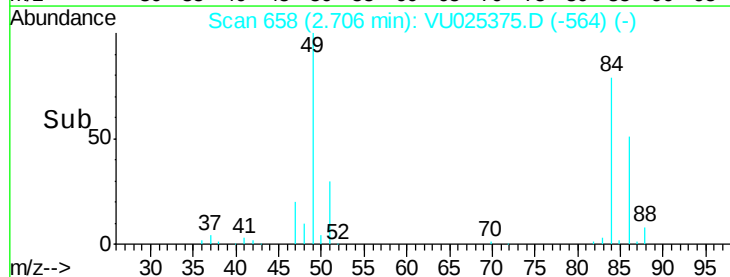
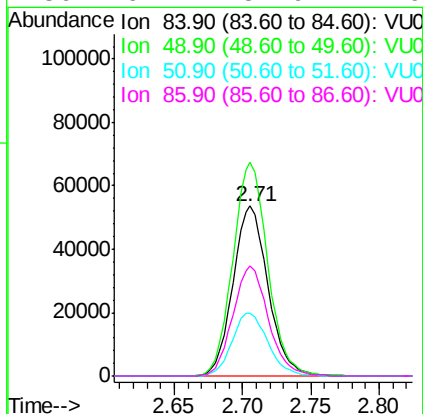
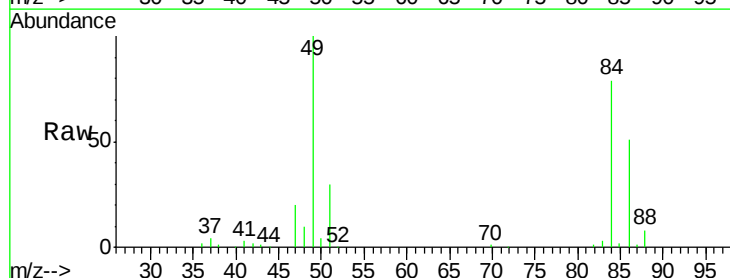
Instrument :
MSVOA_U
ClientSampleId :
PAR-1

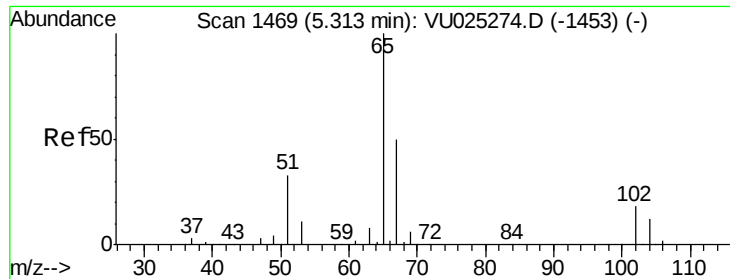
Tot Ion: 43 Resp: 19695
Ion Ratio Lower Upper
43 100
74 20.8 18.5 27.7



#20
Methylene Chloride
Concen: 41.536 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

Tgt Ion: 84 Resp: 95668
Ion Ratio Lower Upper
84 100
49 125.9 101.8 152.6
51 37.3 30.8 46.2
86 64.7 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 50.891 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

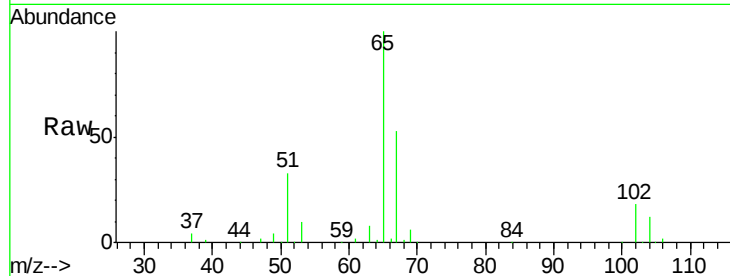
PAR-1

Tot Ion: 65 Resp: 151947

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.6

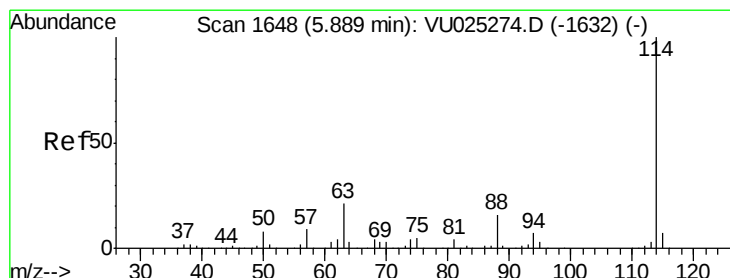
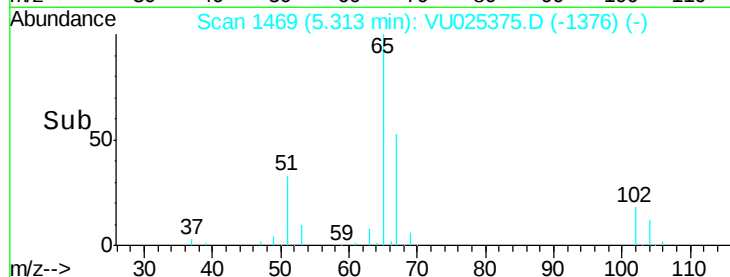


Abundance Ion 64.90 (64.60 to 65.60): VU025274.D (-1453) (-)

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

5.31

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

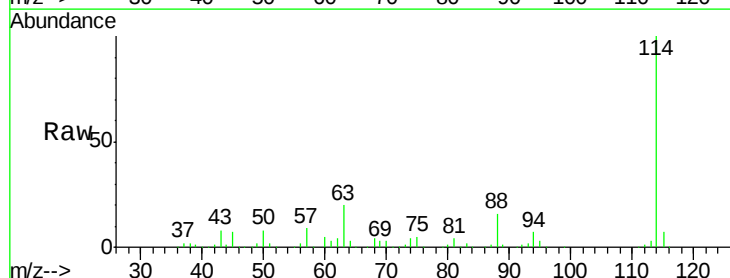
Tgt Ion: 114 Resp: 300691

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 15.6 0.0 32.4



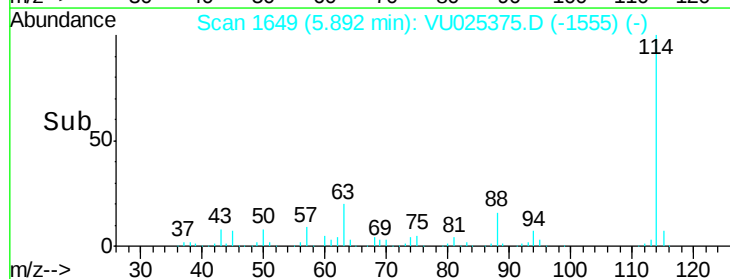
Abundance Ion 113.90 (113.60 to 114.60): VU025274.D (-1632) (-)

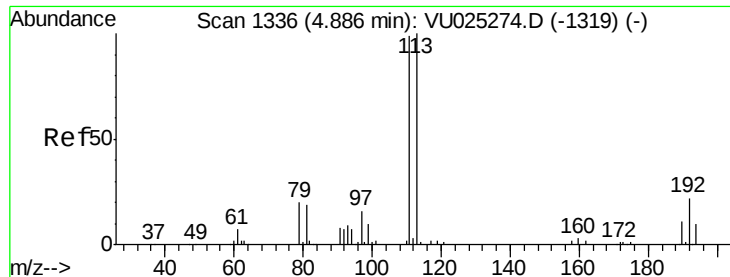
Ion 63.00 (62.70 to 63.70): VU025274.D (-1632) (-)

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

5.89

Time-->

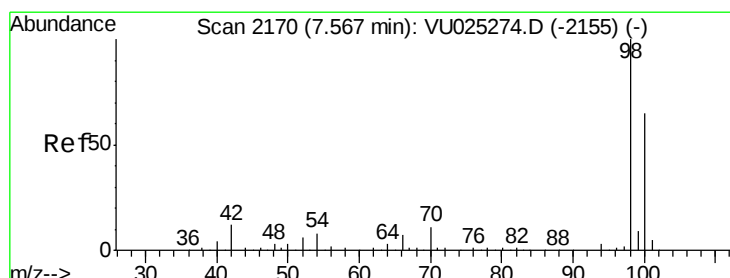
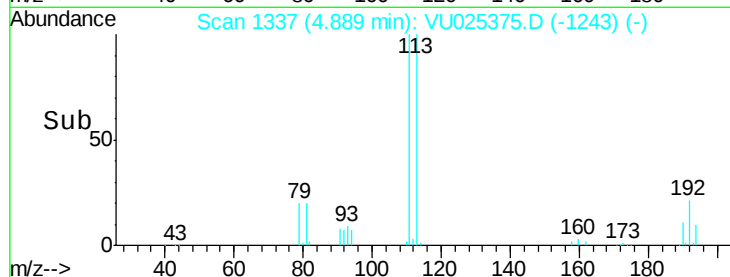
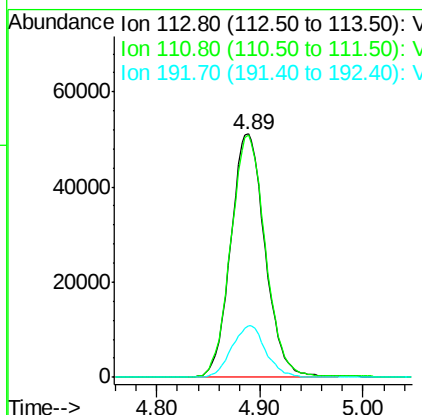
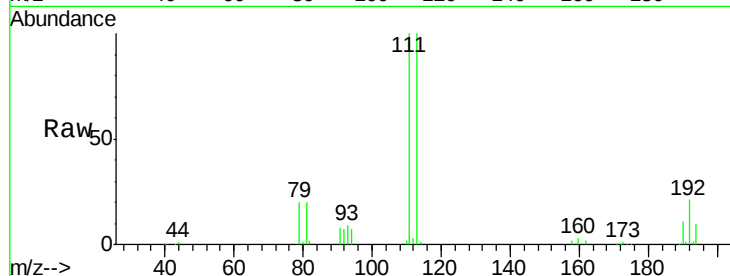




#35
 Dibromofluoromethane
 Concen: 46.691 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025375.D
 Acq: 13 Jul 2018 06:27

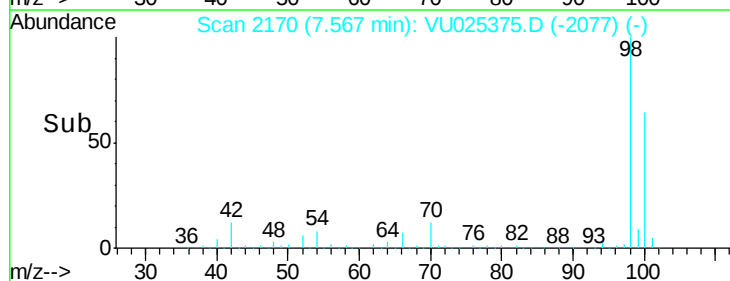
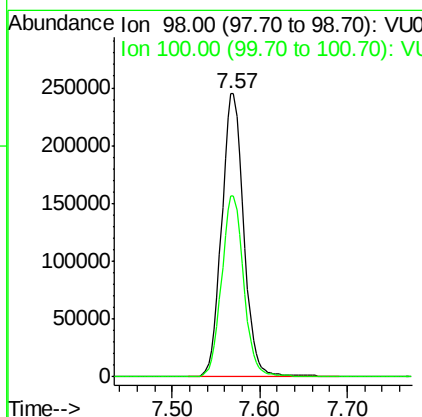
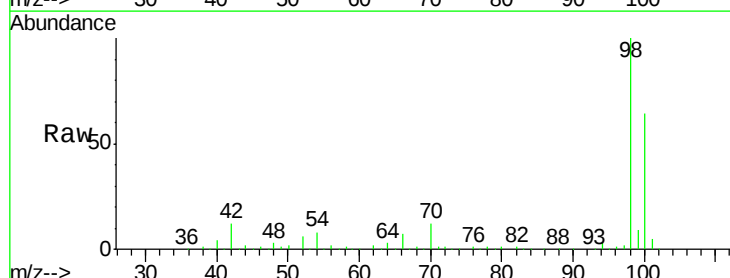
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-1

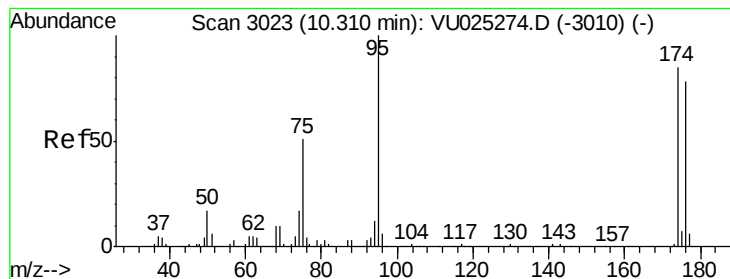
Tot Ion:113 Resp: 118437
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.7 122.5
 192 21.0 17.1 25.7



#50
 Toluene-d8
 Concen: 49.509 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025375.D
 Acq: 13 Jul 2018 06:27

Tgt Ion: 98 Resp: 430047
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 45.002 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

PAR-1

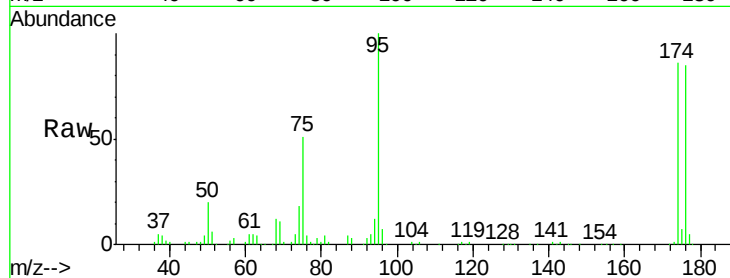
Tot Ion: 95 Resp: 157377

Ion Ratio Lower Upper

95 100

174 86.2 0.0 172.2

176 85.0 0.0 162.6

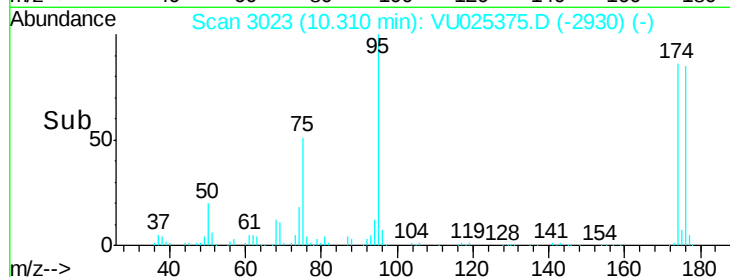


Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)

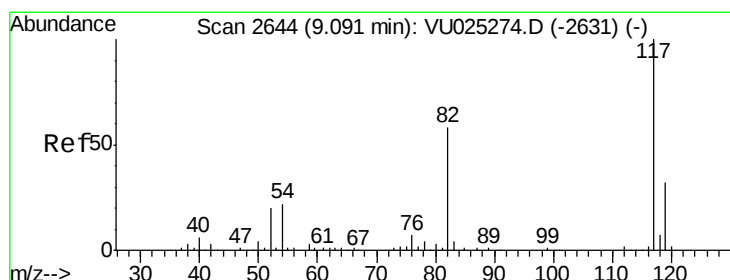
Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)

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

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

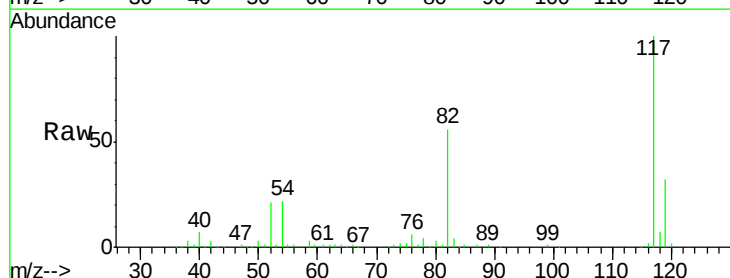
Tgt Ion: 117 Resp: 277558

Ion Ratio Lower Upper

117 100

82 56.4 46.0 69.0

119 31.6 26.0 39.0

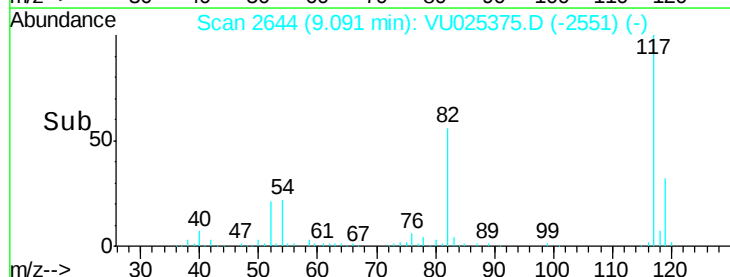


Abundance Ion 116.90 (116.60 to 117.60): VU025274.D (-2631) (-)

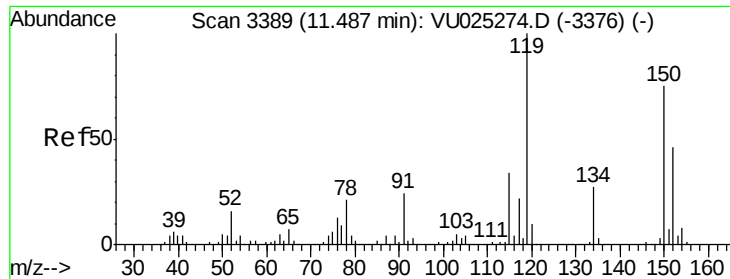
Ion 82.00 (81.70 to 82.70): VU025274.D (-2631) (-)

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

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

PAR-1

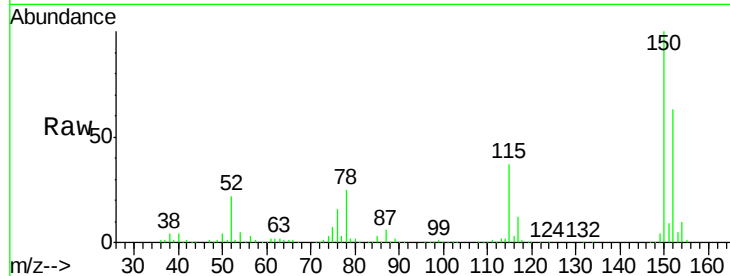
Tot Ion:152 Resp: 146794

Ion Ratio Lower Upper

152 100

115 59.0 40.1 120.3

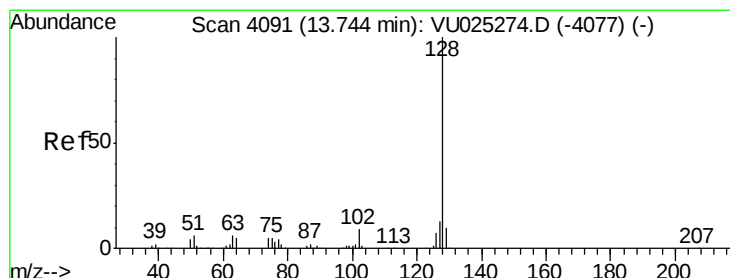
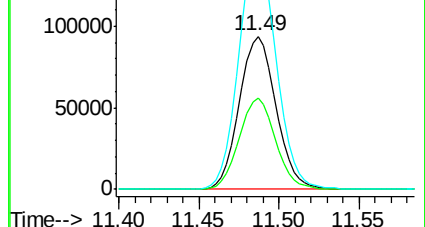
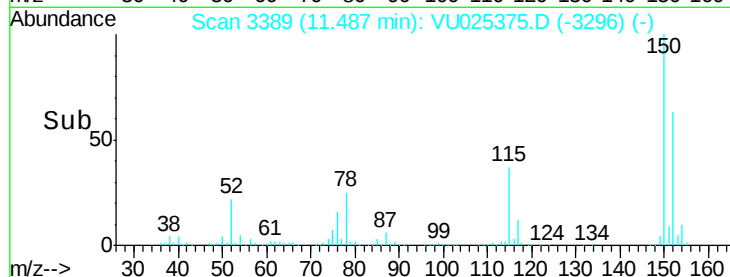
150 159.5 0.0 351.4



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: 18.041 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

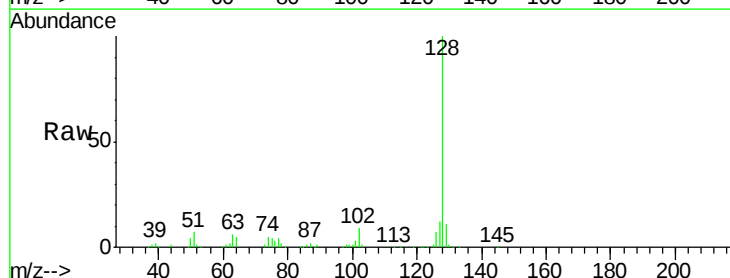
Tgt Ion:128 Resp: 176982

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.1 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

