

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025377.D
 Acq On : 13 Jul 2018 07:16
 Operator : MD/SY
 Sample : J3947-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-3

Quant Time: Jul 13 09:09:01 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

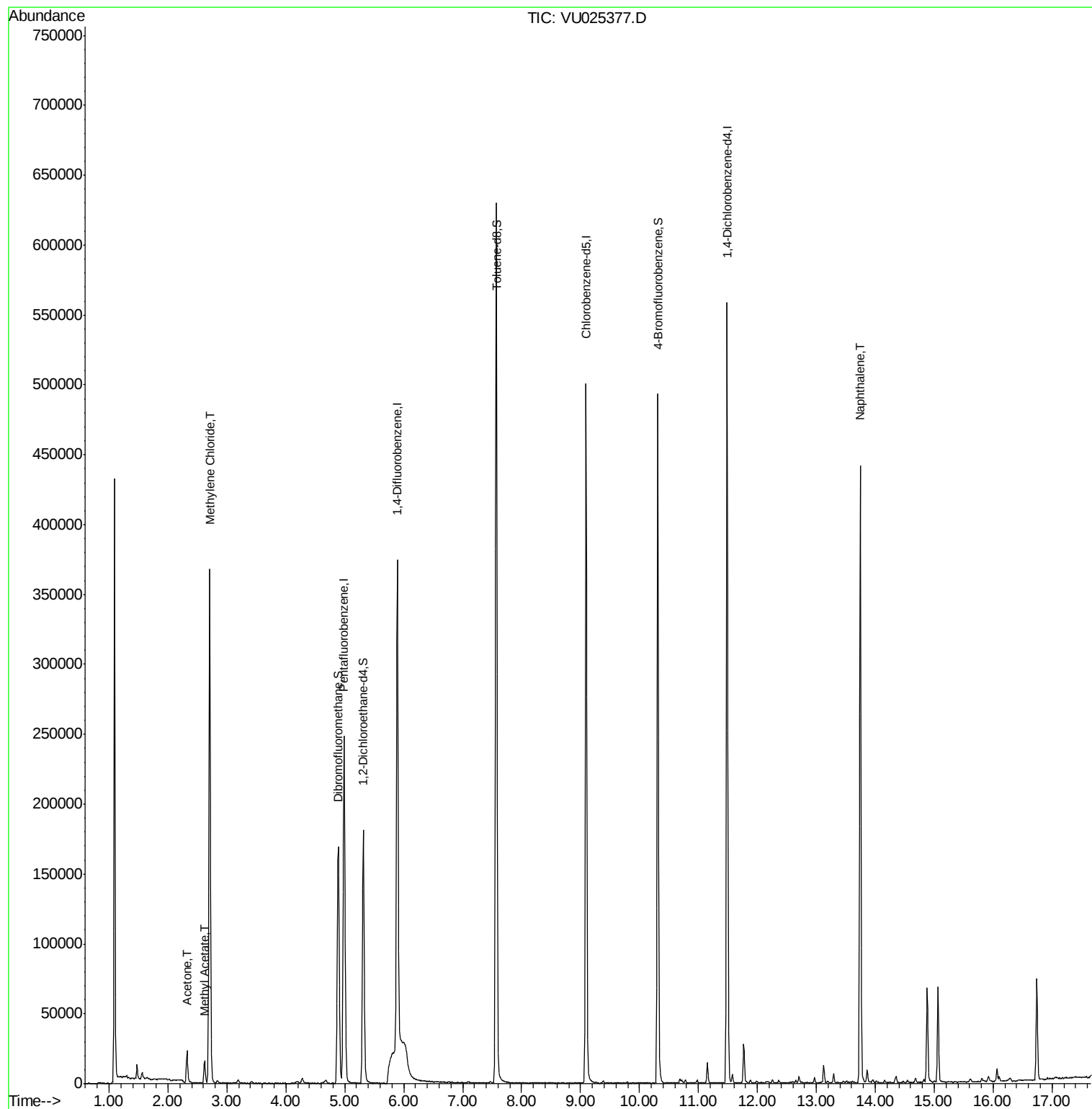
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	295913	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	272329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	150780	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
35) Dibromofluoromethane	4.89	113	115259	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
50) Toluene-d8	7.57	98	424169	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	10.31	95	157245	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
16) Acetone	2.32	43	25112	20.885	ug/l	99
18) Methyl Acetate	2.62	43	19253	6.242	ug/l	99
20) Methylene Chloride	2.71	84	161259	68.928	ug/l	98
95) Naphthalene	13.74	128	345690	32.880	ug/l	99

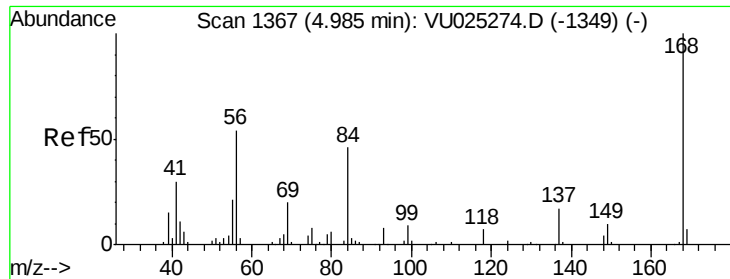
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025377.D

Acq: 13 Jul 2018 07:16

Instrument :

MSVOA_U

ClientSampleId :

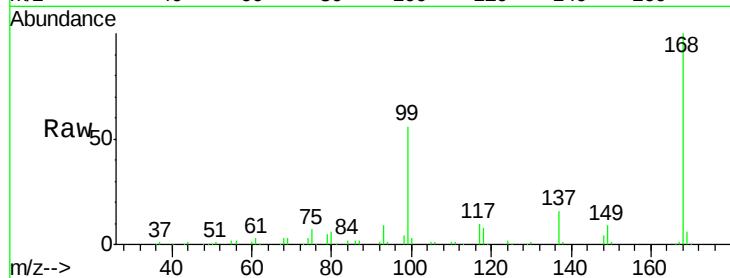
PAR-3

Tot Ion:168 Resp: 193901

Ion Ratio Lower Upper

168 100

99 56.1 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

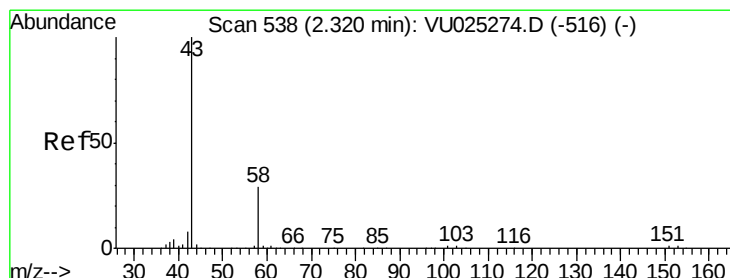
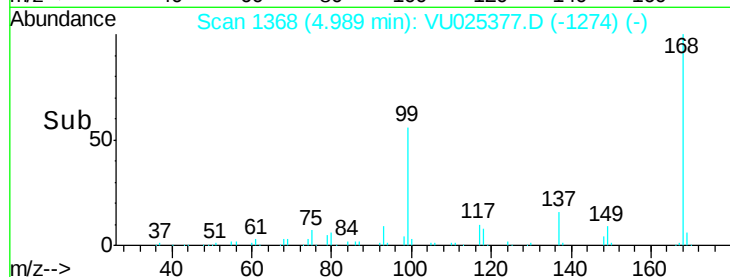
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 20.885 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025377.D

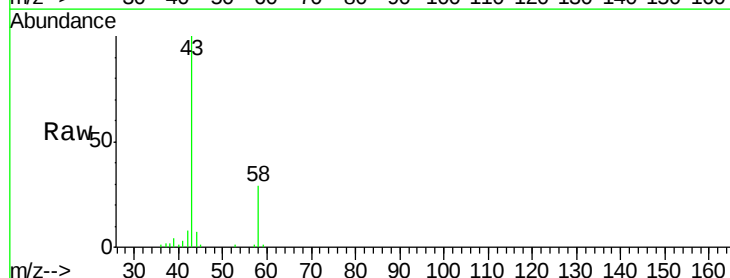
Acq: 13 Jul 2018 07:16

Tgt Ion: 43 Resp: 25112

Ion Ratio Lower Upper

43 100

58 28.6 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

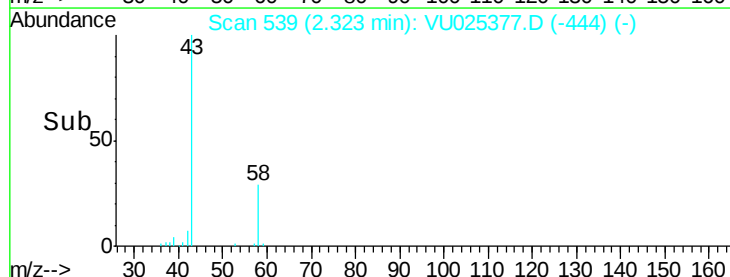
10000

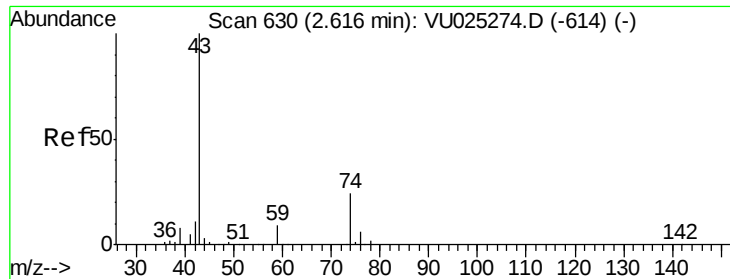
5000

0

2.25 2.30 2.35 2.40

Time-->

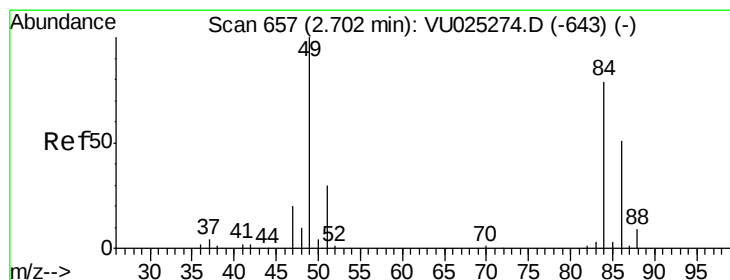
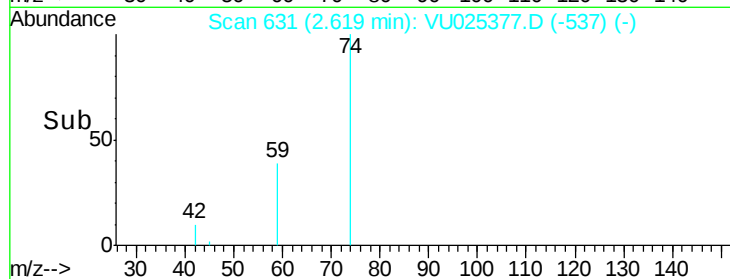
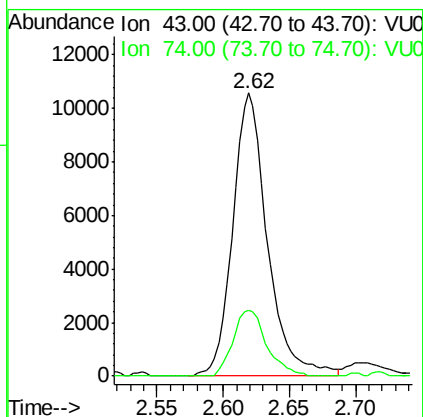
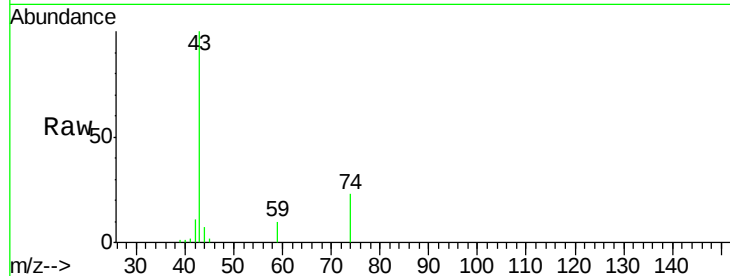




#18
Methvl Acetate
Concen: 6.242 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025377.D
Acq: 13 Jul 2018 07:16

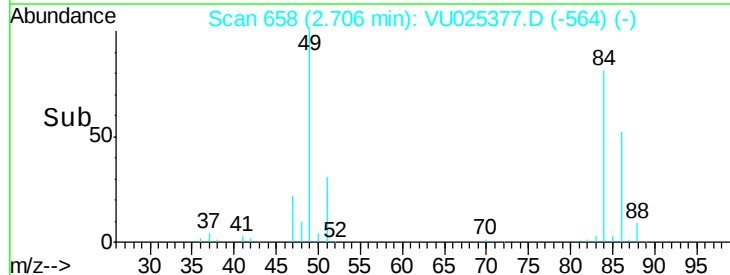
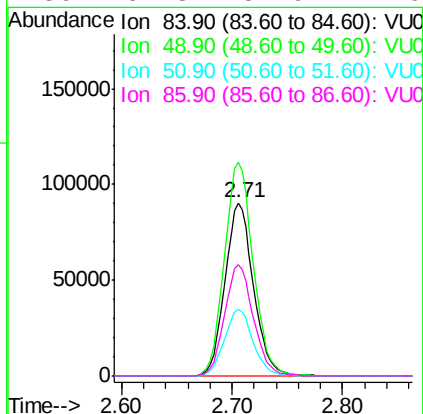
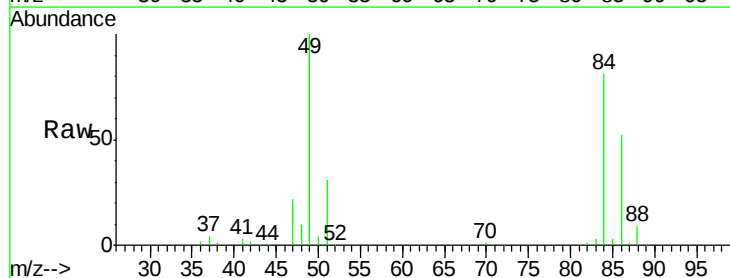
Instrument :
MSVOA_U
ClientSampleId :
PAR-3

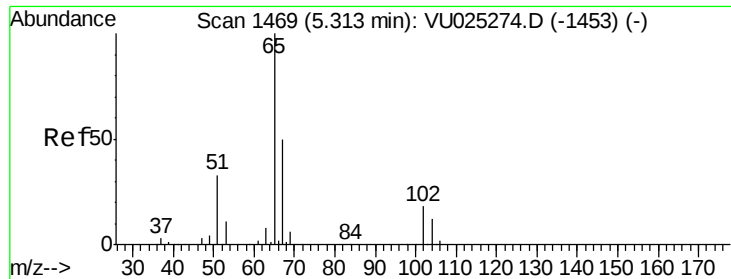
Tot Ion: 43 Resp: 19253
Ion Ratio Lower Upper
43 100
74 22.5 18.5 27.7



#20
Methylene Chloride
Concen: 68.928 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025377.D
Acq: 13 Jul 2018 07:16

Tgt Ion: 84 Resp: 161259
Ion Ratio Lower Upper
84 100
49 123.4 101.8 152.6
51 38.5 30.8 46.2
86 64.3 51.9 77.9

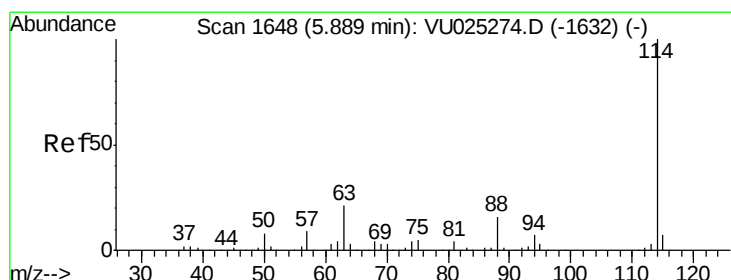
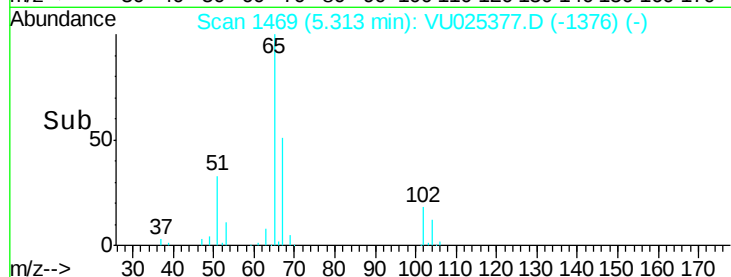
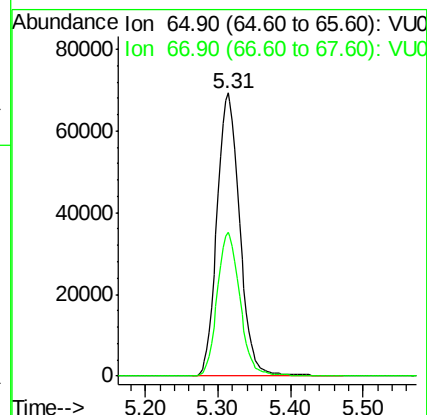
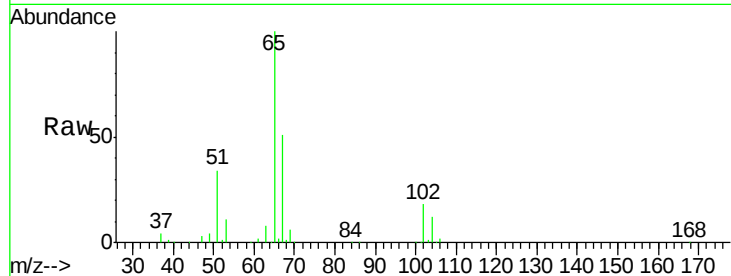




#33
 1,2-Dichloroethane-d4
 Concen: 50.051 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025377.D
 Acq: 13 Jul 2018 07:16

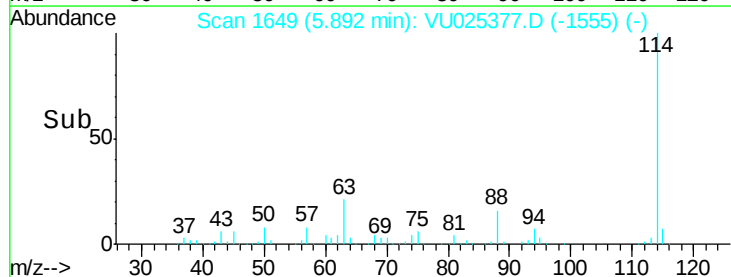
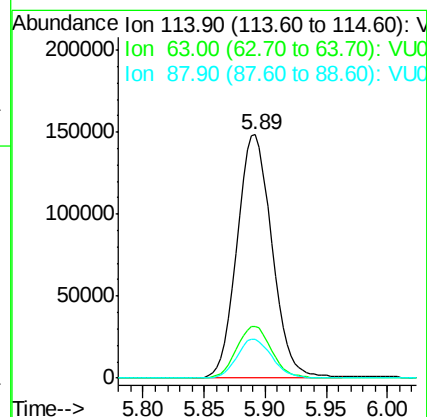
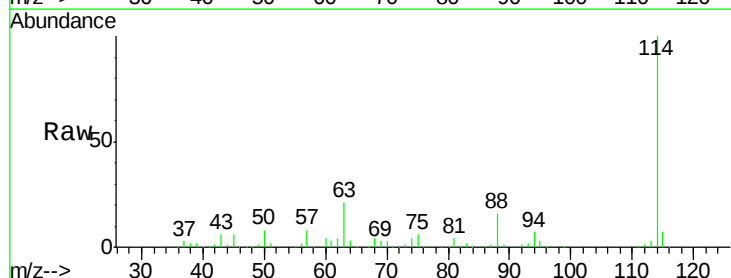
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-3

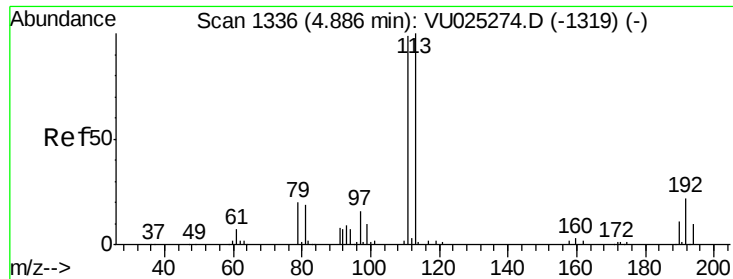
Tot Ion: 65 Resp: 150780
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025377.D
 Acq: 13 Jul 2018 07:16

Tgt Ion: 114 Resp: 295913
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.6
 88 15.9 0.0 32.4

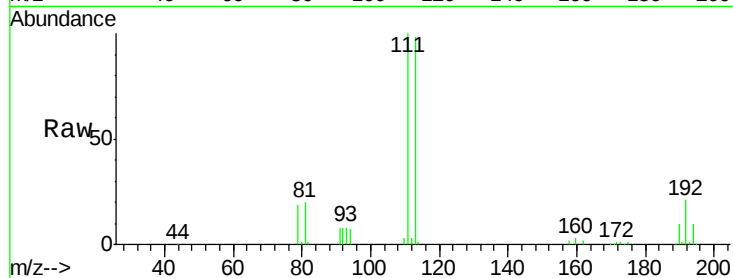




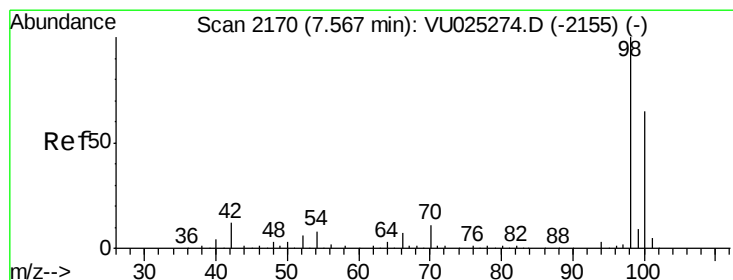
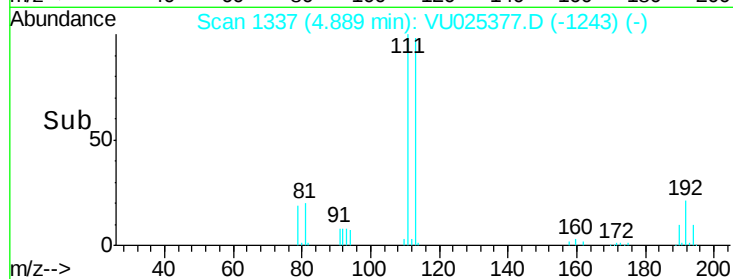
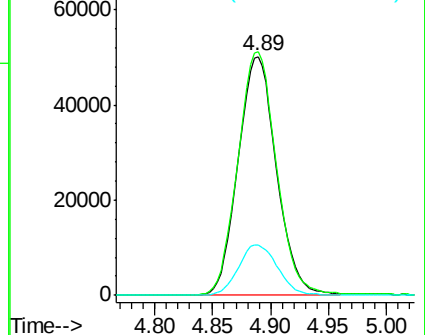
#35
 Dibromofluoromethane
 Concen: 46.172 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025377.D
 Acq: 13 Jul 2018 07:16

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-3

Tot Ion:113 Resp: 115259
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.7 122.5
 192 21.7 17.1 25.7

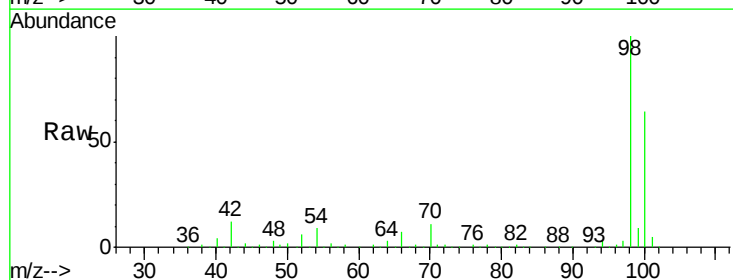


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

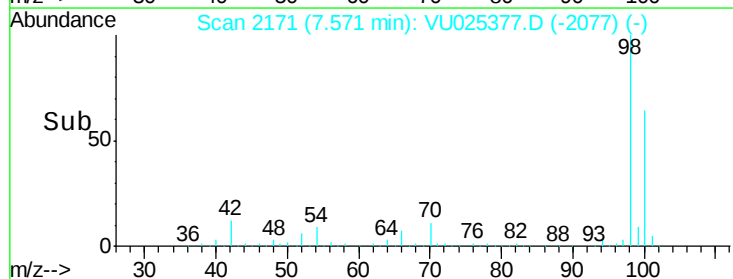
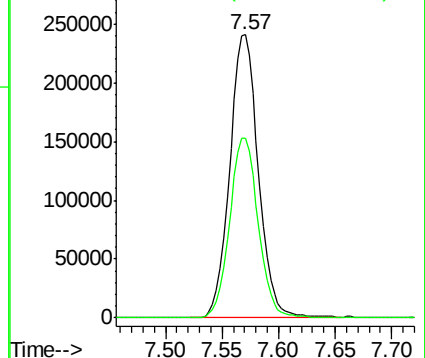


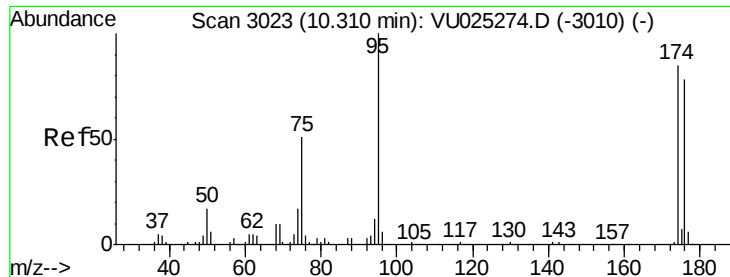
#50
 Toluene-d8
 Concen: 49.621 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU025377.D
 Acq: 13 Jul 2018 07:16

Tgt Ion: 98 Resp: 424169
 Ion Ratio Lower Upper
 98 100
 100 63.7 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: 45.691 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025377.D

Acq: 13 Jul 2018 07:16

Instrument :

MSVOA_U

ClientSampleId :

PAR-3

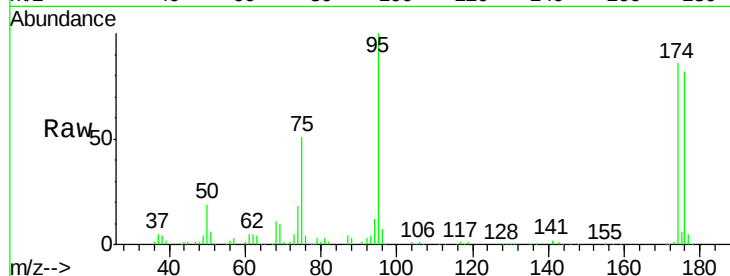
Tot Ion: 95 Resp: 157245

Ion Ratio Lower Upper

95 100

174 86.4 0.0 172.2

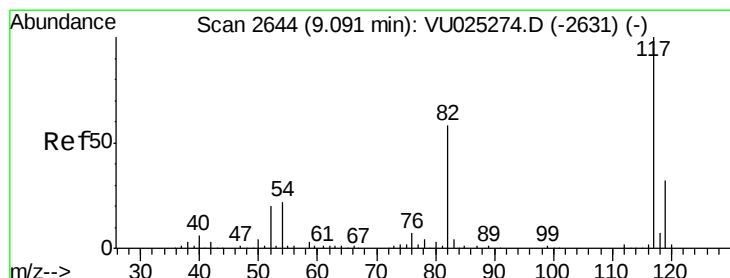
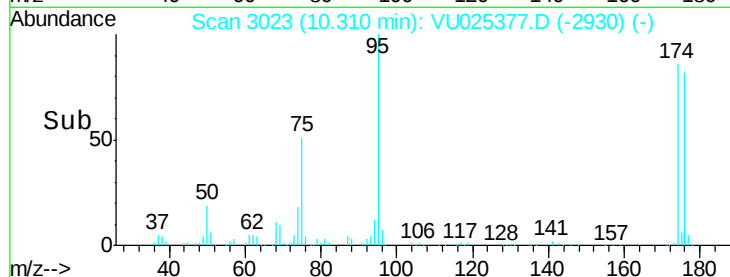
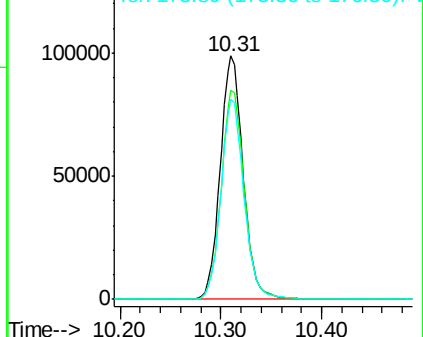
176 82.7 0.0 162.6



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: VU025377.D

Acq: 13 Jul 2018 07:16

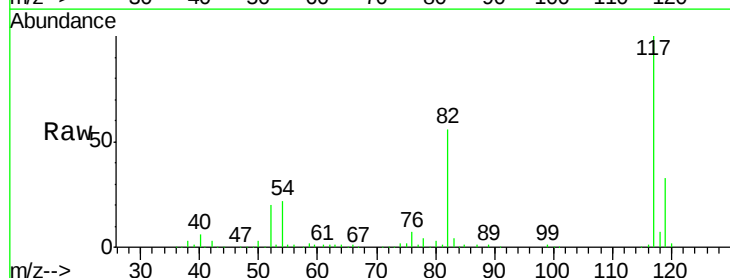
Tgt Ion: 117 Resp: 272329

Ion Ratio Lower Upper

117 100

82 56.2 46.0 69.0

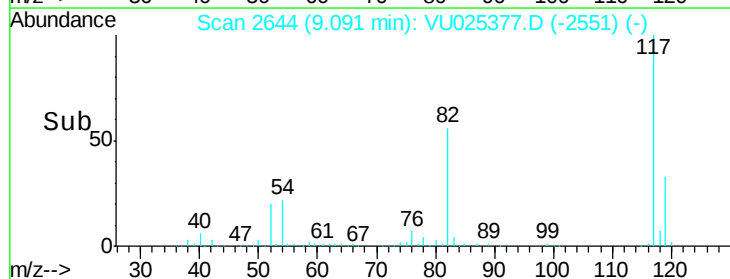
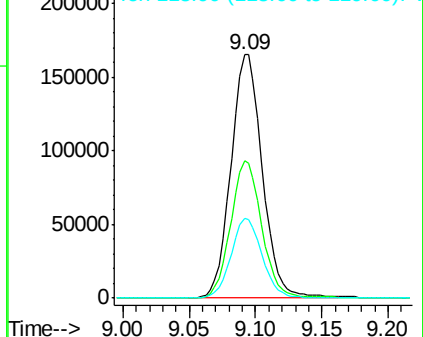
119 32.7 26.0 39.0

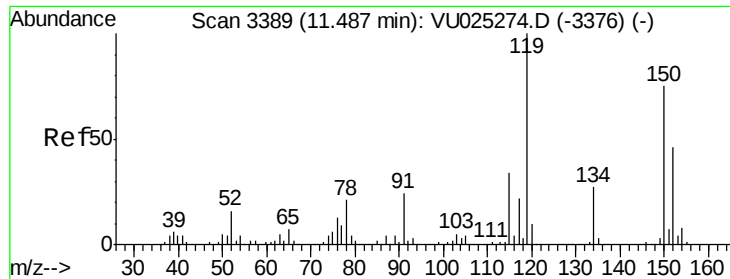


Abundance Ion 116.90 (116.60 to 117.60): VU025274.D (-2631) (-)

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: VU025377.D

Acq: 13 Jul 2018 07:16

Instrument :

MSVOA_U

ClientSampleId :

PAR-3

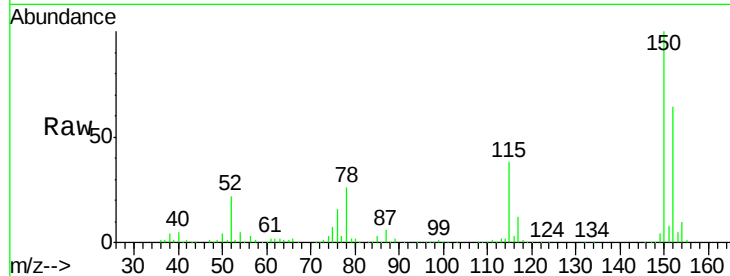
Tot Ion:152 Resp: 147077

Ion Ratio Lower Upper

152 100

115 57.9 40.1 120.3

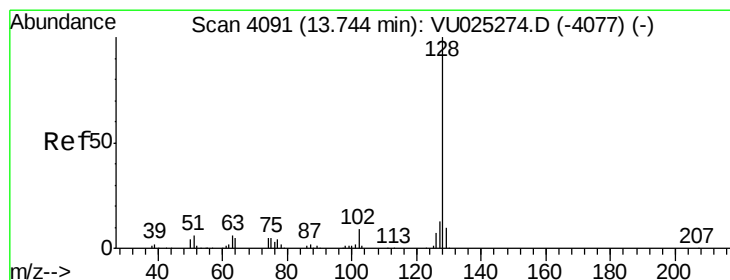
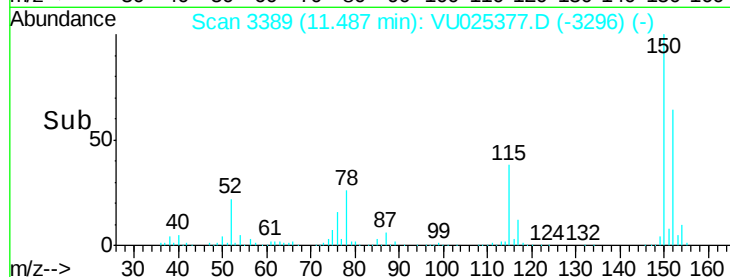
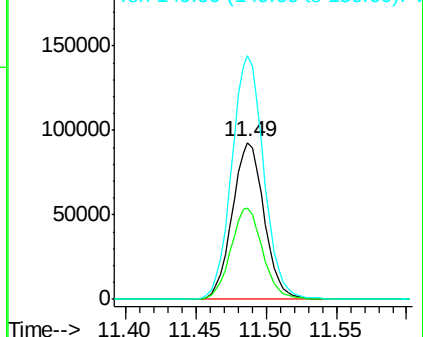
150 156.1 0.0 351.4



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: 32.880 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025377.D

Acq: 13 Jul 2018 07:16

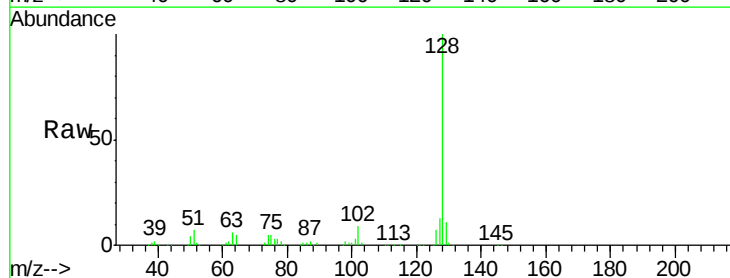
Tgt Ion:128 Resp: 345690

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 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

