

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120518\
 Data File : VU028474.D
 Acq On : 05 Dec 2018 12:52
 Operator : MD/SY
 Sample : J6208-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4

Quant Time: Dec 06 03:01:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

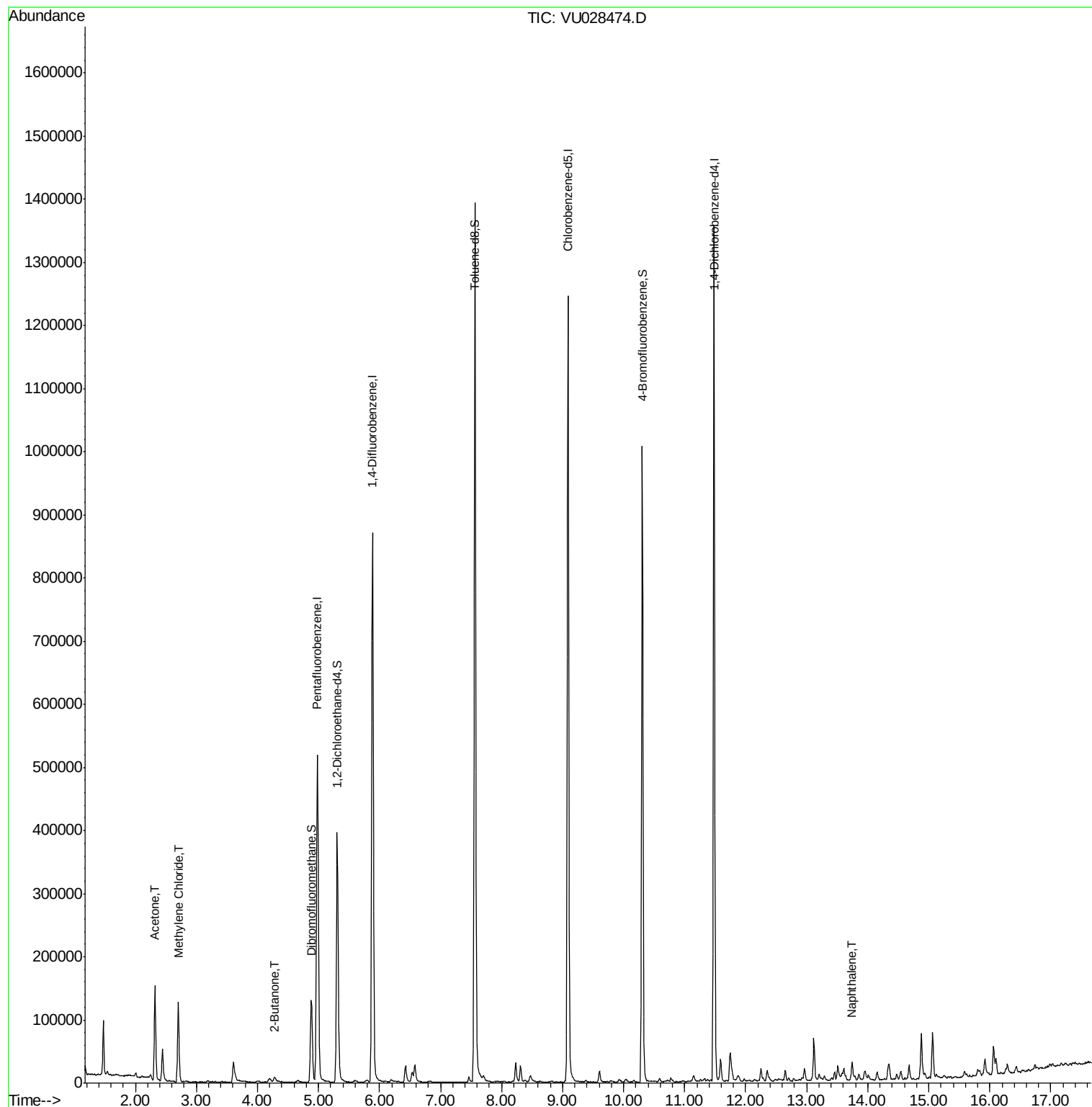
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	401212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	731369	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	685624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	334218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	304635	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
35) Dibromofluoromethane	4.88	113	92886	19.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.20%	
50) Toluene-d8	7.57	98	932005	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	10.31	95	351885	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
Target Compounds						
16) Acetone	2.32	43	156843	38.238	ug/l	96
20) Methylene Chloride	2.70	84	54643	9.385	ug/l	87
25) 2-Butanone	4.28	43	14610	2.485	ug/l	99
95) Naphthalene	13.75	128	24806	3.667	ug/l	98

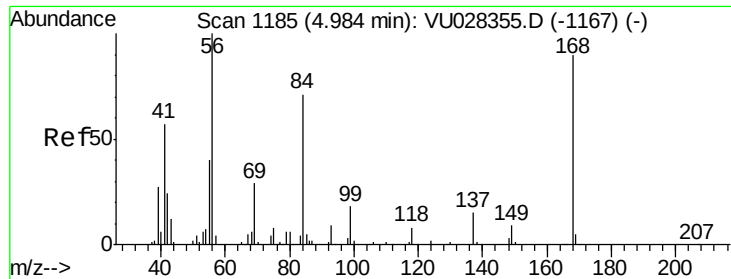
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028474.D

Acq: 05 Dec 2018 12:52

Instrument :

MSVOA_U

ClientSampled :

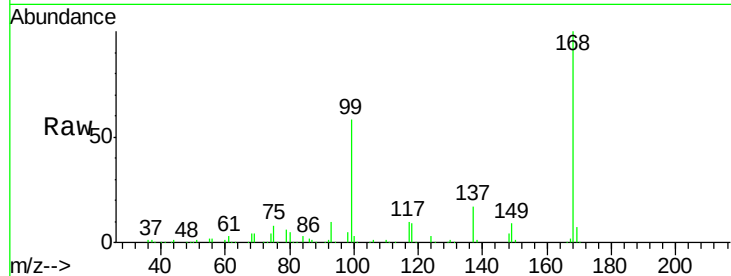
TP-4

Tgt Ion:168 Resp: 401212

Ion Ratio Lower Upper

168 100

99 57.9 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D

Ion 98.90 (98.60 to 99.60): VU028355.D

4.98

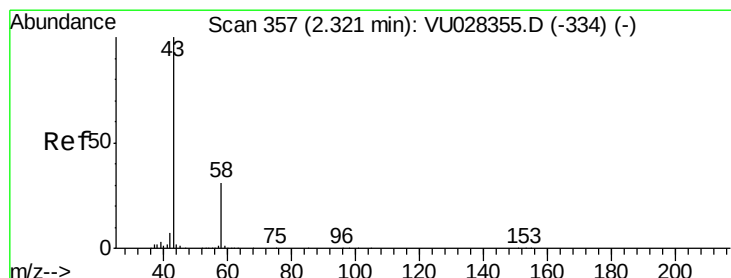
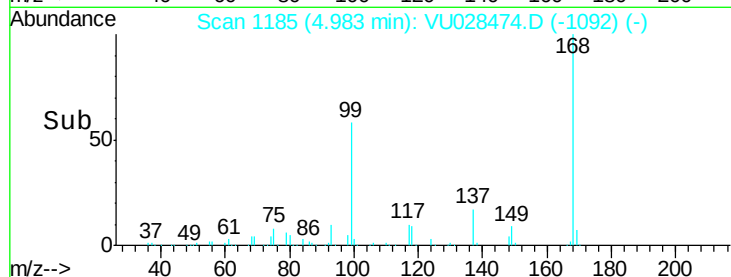
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 38.238 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028474.D

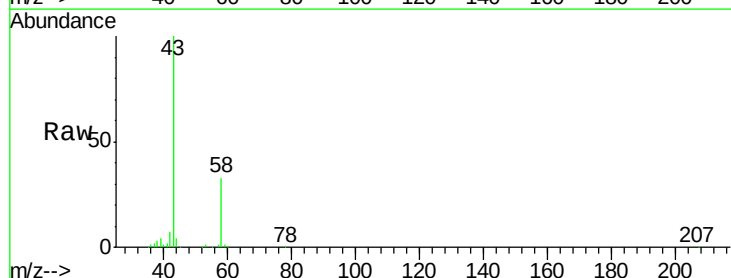
Acq: 05 Dec 2018 12:52

Tgt Ion: 43 Resp: 156843

Ion Ratio Lower Upper

43 100

58 32.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D

Ion 58.00 (57.70 to 58.70): VU028355.D

2.32

100000

80000

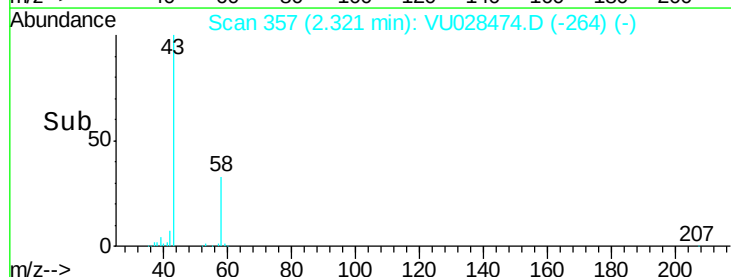
60000

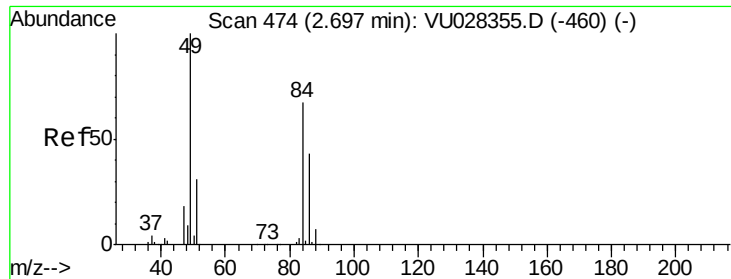
40000

20000

0

Time-->

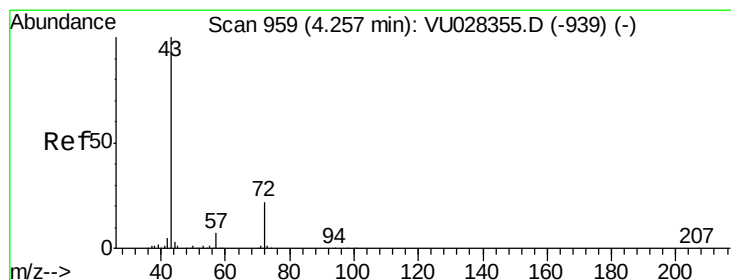
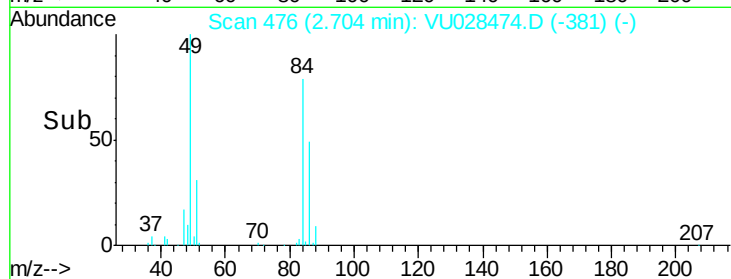
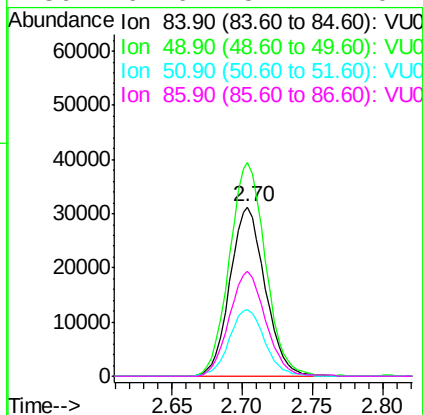
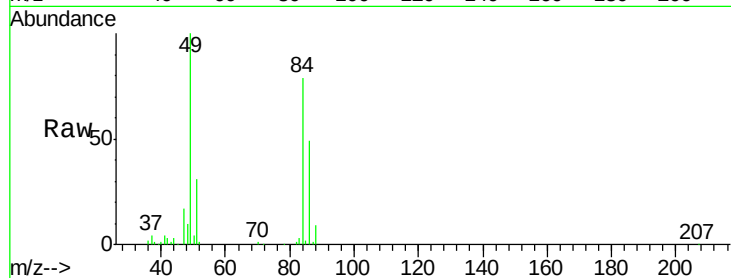




#20
Methylene Chloride
Concen: 9.385 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028474.D
Acq: 05 Dec 2018 12:52

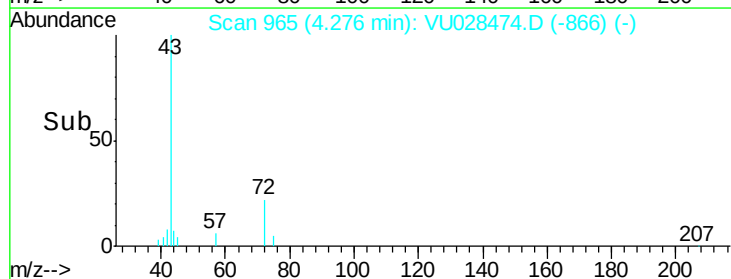
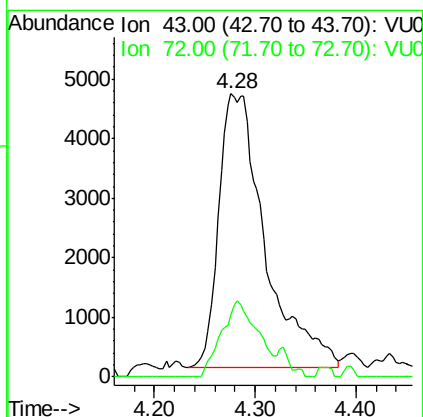
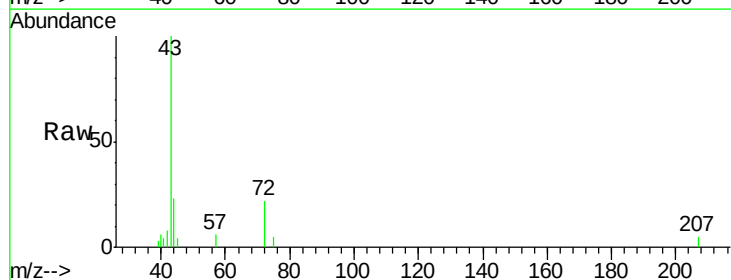
Instrument :
MSVOA_U
ClientSampleId :
TP-4

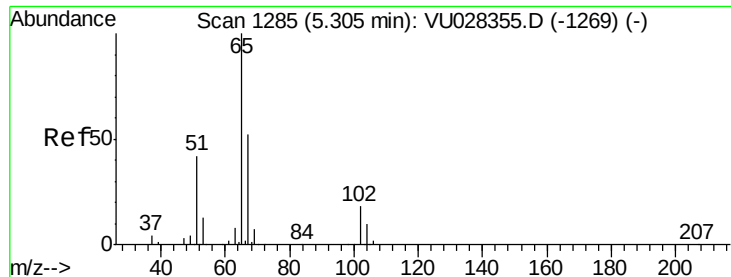
Tgt Ion: 84 Resp: 54643
Ion Ratio Lower Upper
84 100
49 126.1 120.0 180.0
51 39.0 36.9 55.3
86 61.6 51.1 76.7



#25
2-Butanone
Concen: 2.485 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.02 min
Lab File: VU028474.D
Acq: 05 Dec 2018 12:52

Tgt Ion: 43 Resp: 14610
Ion Ratio Lower Upper
43 100
72 22.5 17.7 26.5

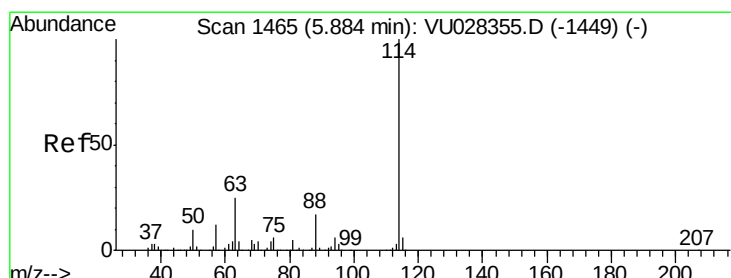
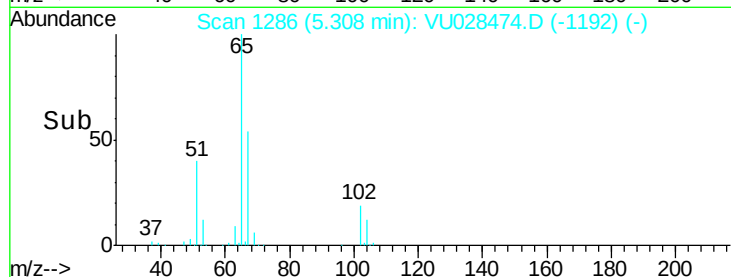
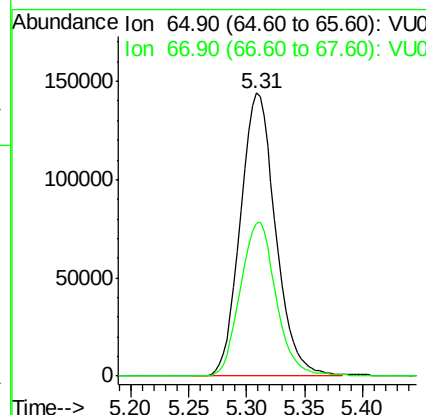
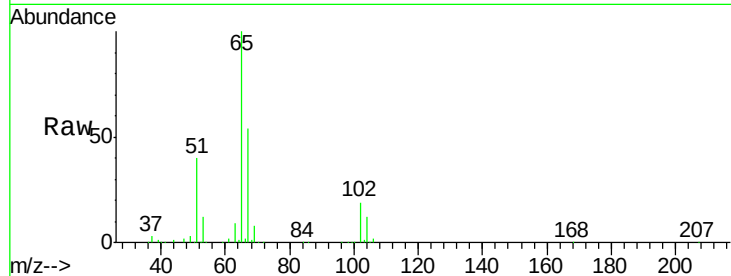




#33
 1,2-Dichloroethane-d4
 Concen: 45.432 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028474.D
 Acq: 05 Dec 2018 12:52

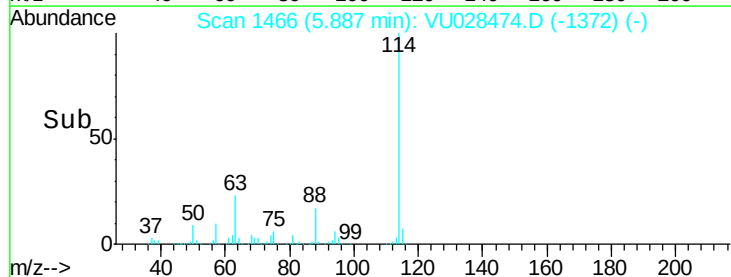
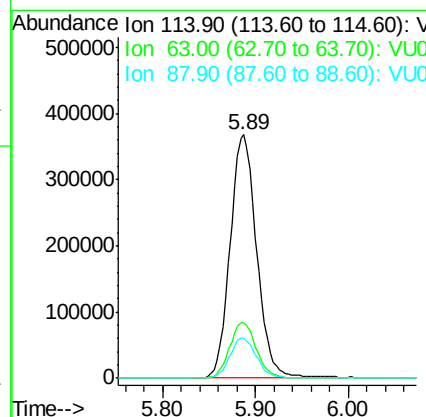
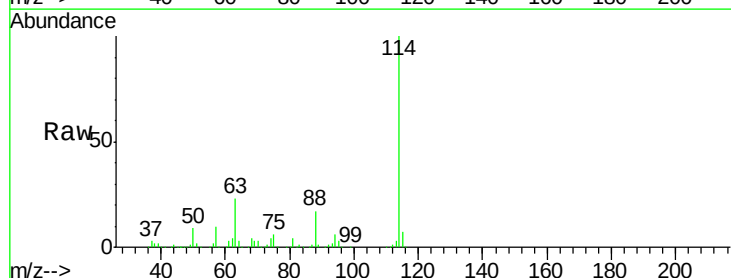
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4

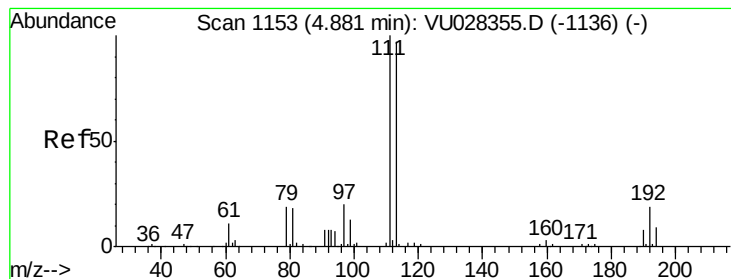
Tgt Ion: 65 Resp: 304635
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028474.D
 Acq: 05 Dec 2018 12:52

Tgt Ion: 114 Resp: 731369
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 50.0
 88 16.5 0.0 34.4





#35

Dibromofluoromethane

Concen: 19.099 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028474.D

Acq: 05 Dec 2018 12:52

Instrument :

MSVOA_U

ClientSampled :

TP-4

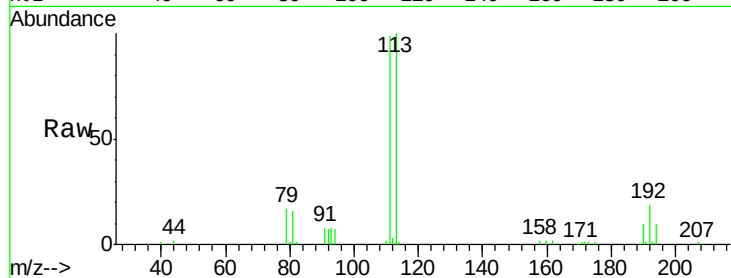
Tgt Ion:113 Resp: 92886

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

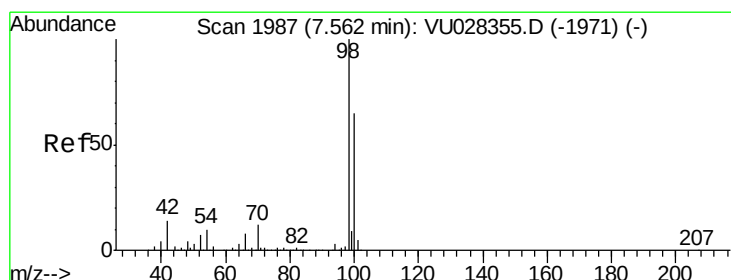
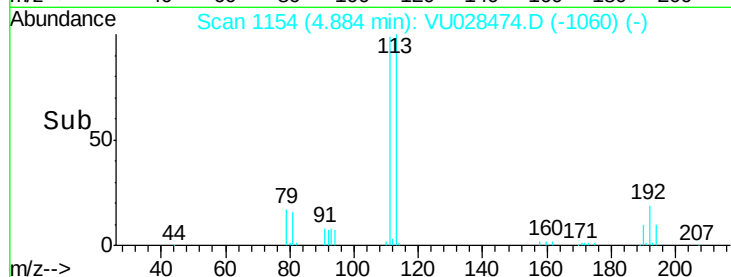
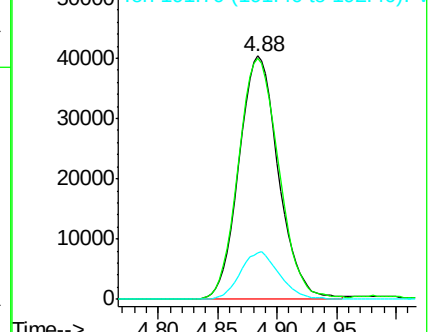
192 19.3 15.4 23.0



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: 47.918 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028474.D

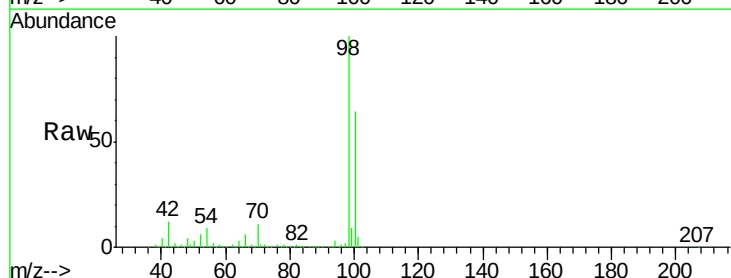
Acq: 05 Dec 2018 12:52

Tgt Ion: 98 Resp: 932005

Ion Ratio Lower Upper

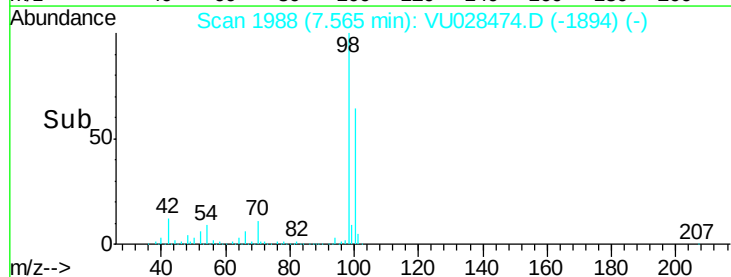
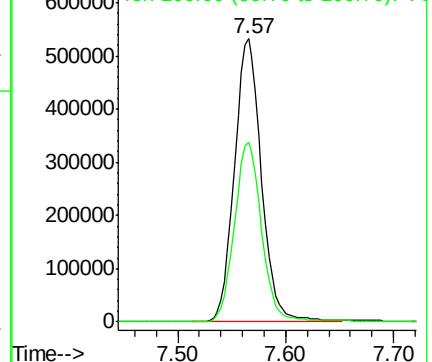
98 100

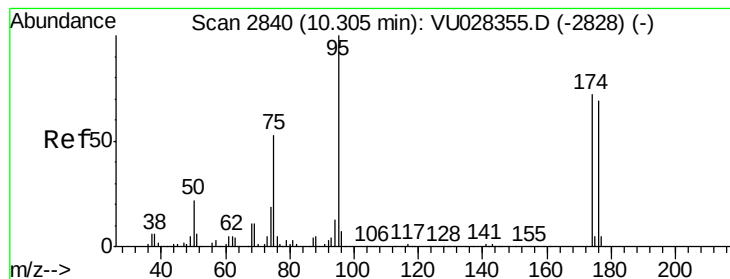
100 64.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 50.196 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028474.D

Acq: 05 Dec 2018 12:52

Instrument :

MSVOA_U

ClientSampleId :

TP-4

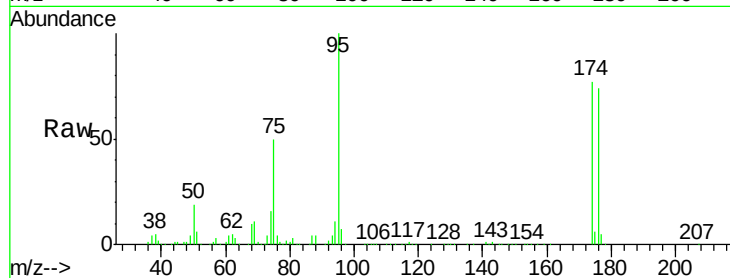
Tgt Ion: 95 Resp: 351885

Ion Ratio Lower Upper

95 100

174 75.6 0.0 145.4

176 73.5 0.0 140.8

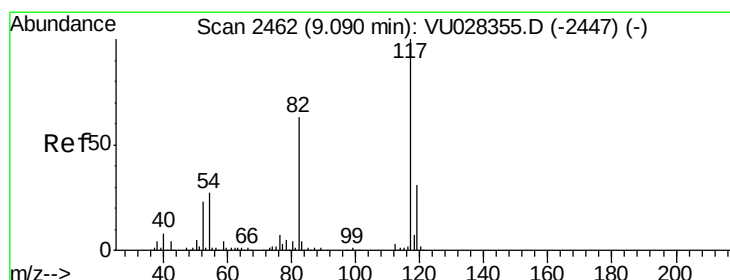
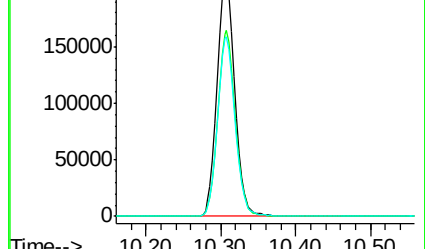
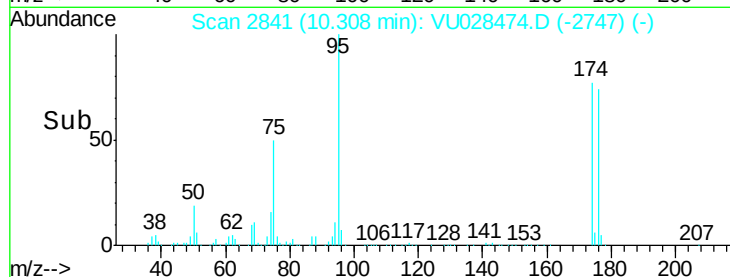


Abundance Ion 94.90 (94.60 to 95.60): VU028355.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028355.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028355.D (-2828) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028474.D

Acq: 05 Dec 2018 12:52

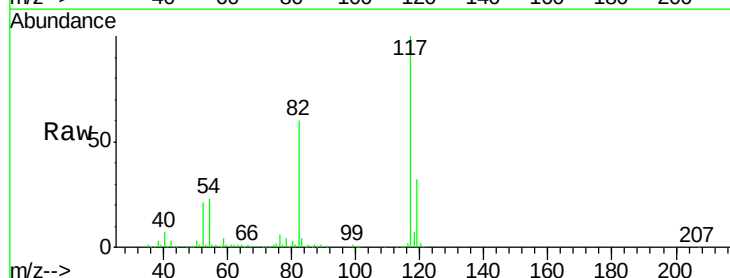
Tgt Ion: 117 Resp: 685624

Ion Ratio Lower Upper

117 100

82 60.3 50.3 75.5

119 32.1 24.8 37.2

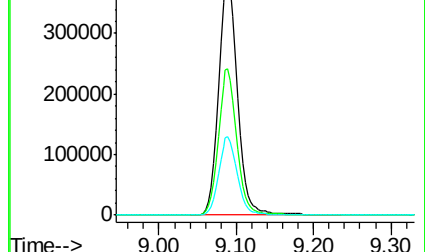
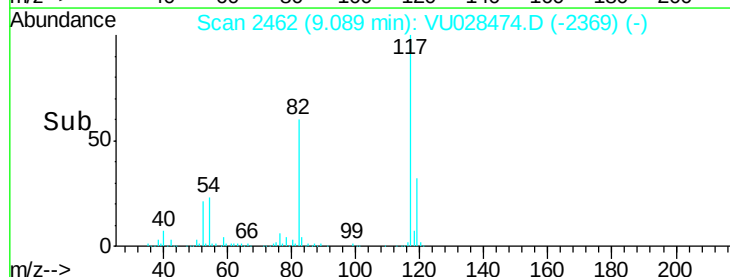


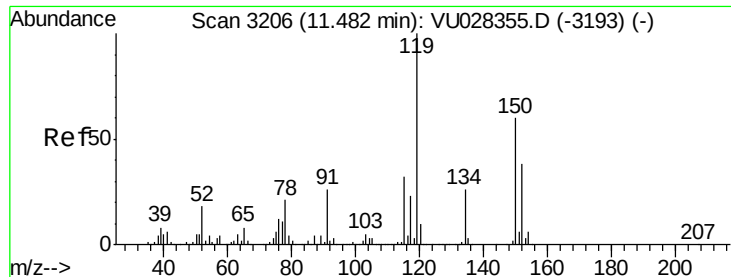
Abundance Ion 116.90 (116.60 to 117.60): VU028355.D (-2447) (-)

Ion 82.00 (81.70 to 82.70): VU028355.D (-2447) (-)

Ion 118.90 (118.60 to 119.60): VU028355.D (-2447) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028474.D

Acq: 05 Dec 2018 12:52

Instrument :

MSVOA_U

ClientSampled :

TP-4

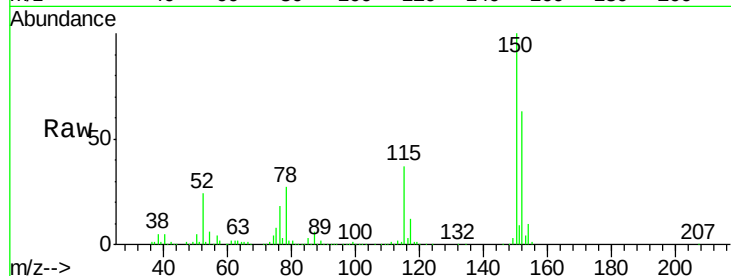
Tgt Ion:152 Resp: 334218

Ion Ratio Lower Upper

152 100

115 58.6 45.0 134.8

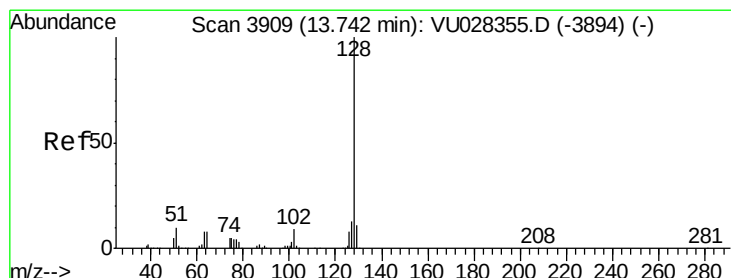
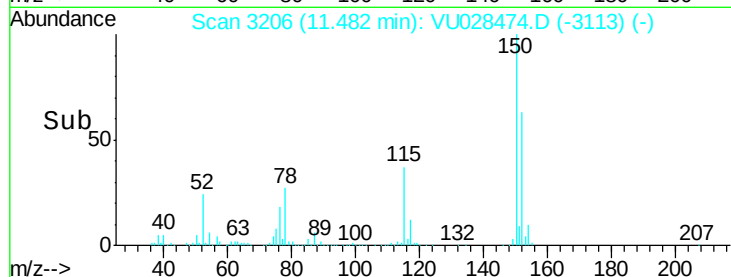
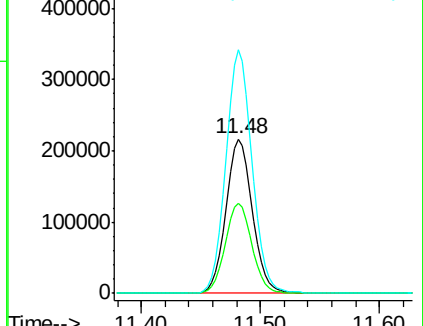
150 156.0 0.0 349.2



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: 3.667 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU028474.D

Acq: 05 Dec 2018 12:52

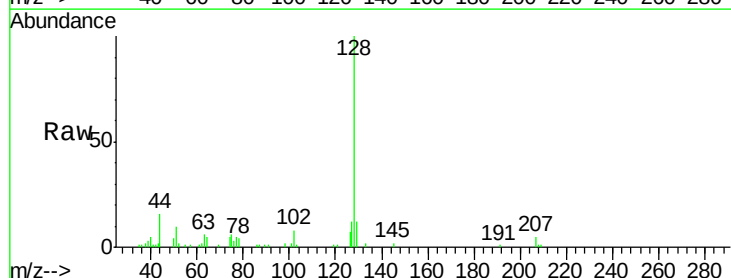
Tgt Ion:128 Resp: 24806

Ion Ratio Lower Upper

128 100

127 12.5 10.6 15.8

129 11.7 8.6 12.8



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

