

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028367.D
 Acq On : 28 Nov 2018 15:43
 Operator : MD/SY
 Sample : J6085-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NS

Quant Time: Nov 29 06:43:19 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

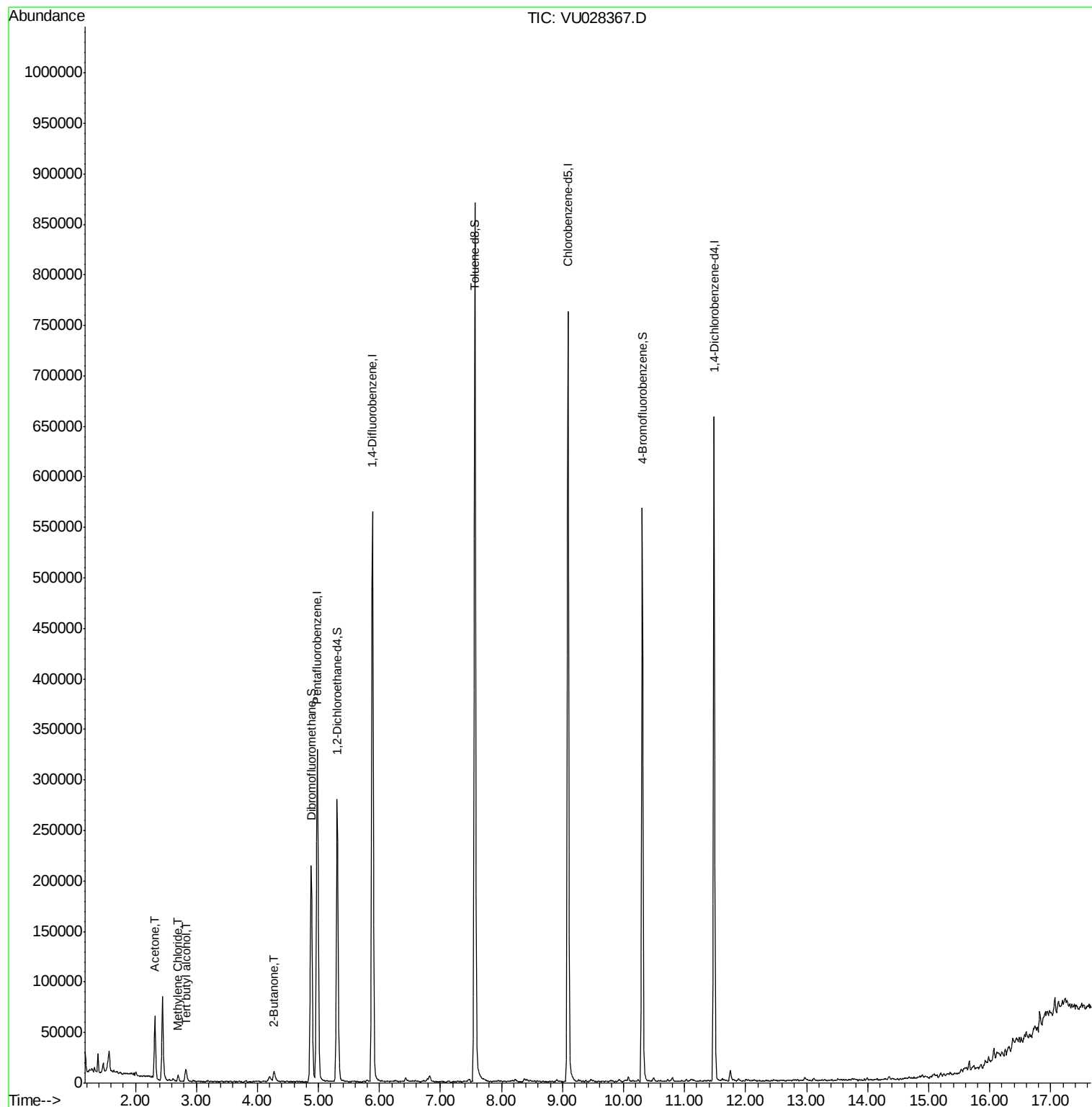
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	237381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	445729	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	393162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	153527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	207607	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	4.88	113	147251	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
50) Toluene-d8	7.57	98	575290	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	10.31	95	190027	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.82	59	13893	15.415	ug/l #	94
16) Acetone	2.32	43	64118	26.420	ug/l	97
20) Methylene Chloride	2.70	84	1860	0.470	ug/l #	91
25) 2-Butanone	4.27	43	18248	5.247	ug/l	95

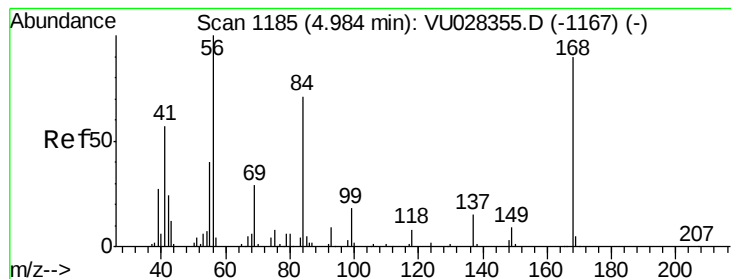
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028367.D

Acq: 28 Nov 2018 15:43

Instrument :

MSVOA_U

ClientSampled :

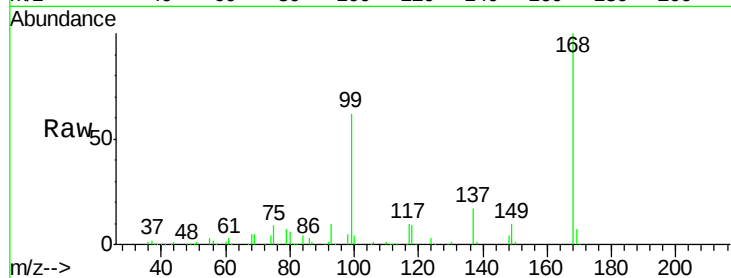
NS

Tot Ion:168 Resp: 237381

Ion Ratio Lower Upper

168 100

99 61.9 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

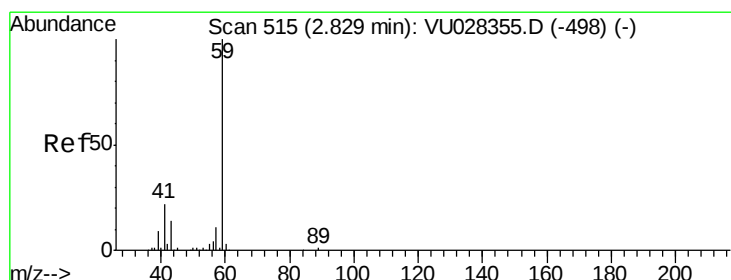
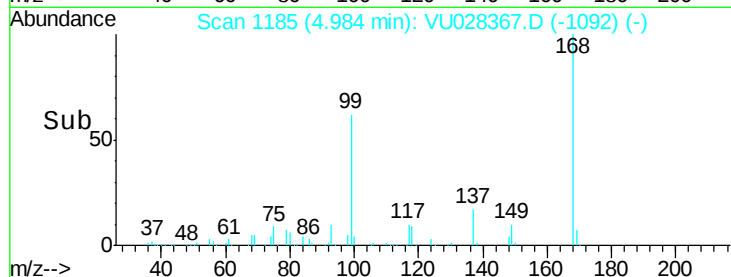
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 15.415 ug/l

RT: 2.82 min Scan# 513

Delta R.T. -0.01 min

Lab File: VU028367.D

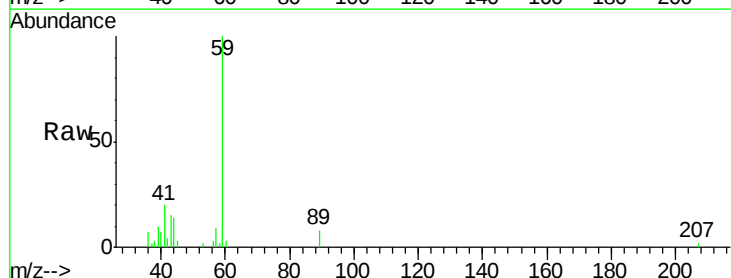
Acq: 28 Nov 2018 15:43

Tgt Ion: 59 Resp: 13893

Ion Ratio Lower Upper

59 100

57 8.1 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VU028355.D (-498) (-)

Ion 57.00 (56.70 to 57.70): VU028355.D (-498) (-)

2.82

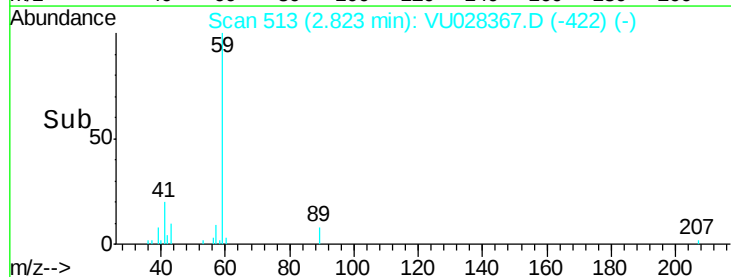
6000

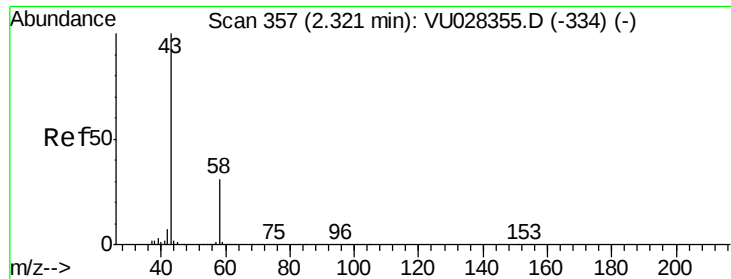
4000

2000

0

Time-->





#16

Acetone

Concen: 26.420 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028367.D

Acq: 28 Nov 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

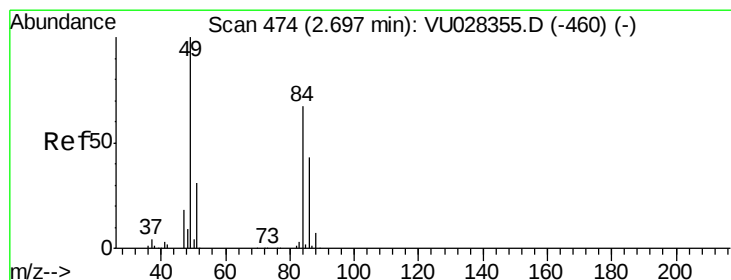
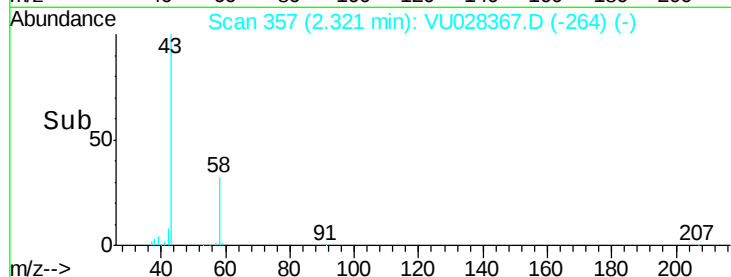
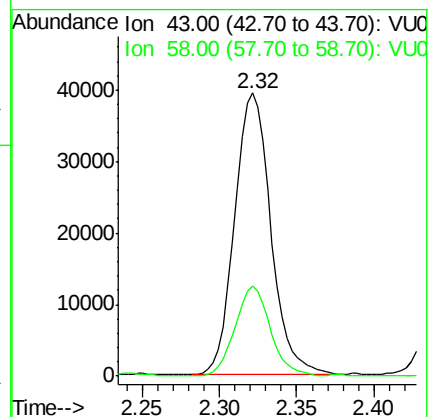
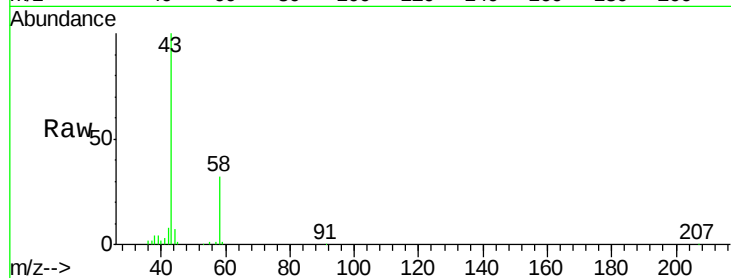
NS

Tot Ion: 43 Resp: 64118

Ion Ratio Lower Upper

43 100

58 32.0 24.4 36.6



#20

Methylene Chloride

Concen: 0.470 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU028367.D

Acq: 28 Nov 2018 15:43

Tgt Ion: 84 Resp: 1860

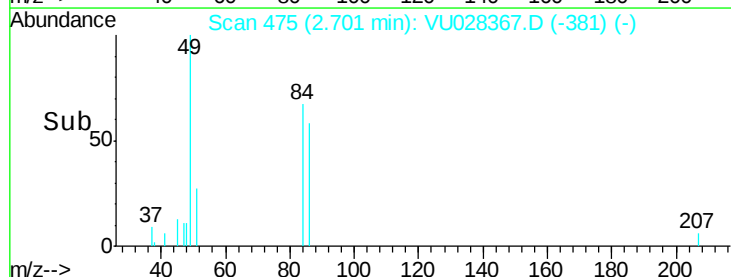
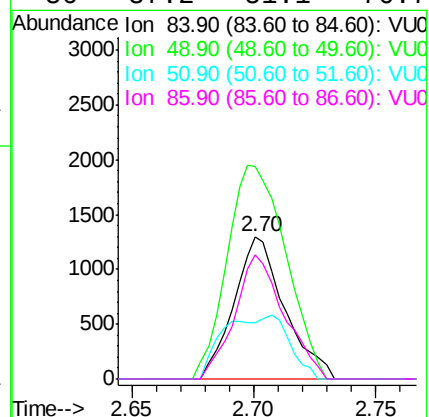
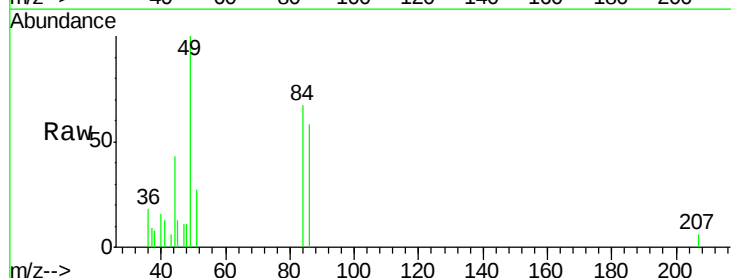
Ion Ratio Lower Upper

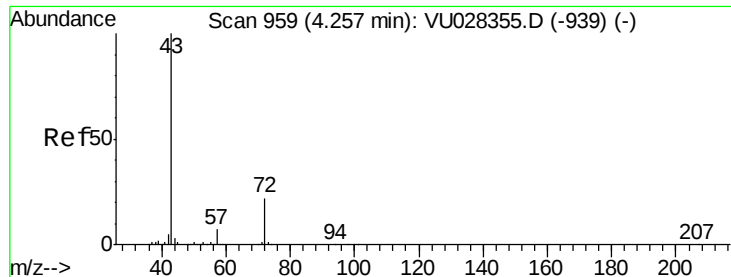
84 100

49 149.3 120.0 180.0

51 40.0 36.9 55.3

86 87.2 51.1 76.7#





#25

2-Butanone

Concen: 5.247 ug/l

RT: 4.27 min Scan# 964

Delta R.T. 0.02 min

Lab File: VU028367.D

Acq: 28 Nov 2018 15:43

Instrument :

MSVOA_U

ClientSampled :

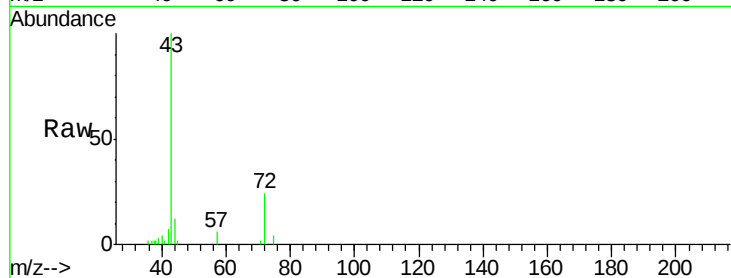
NS

Tot Ion: 43 Resp: 18248

Ion Ratio Lower Upper

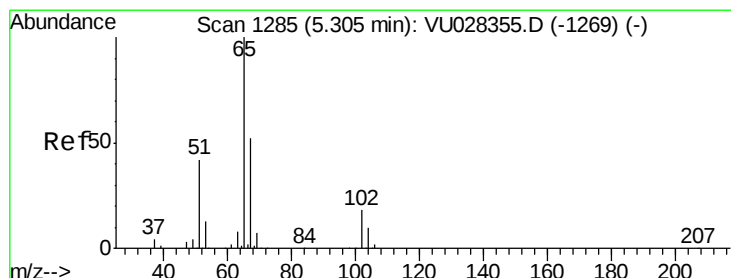
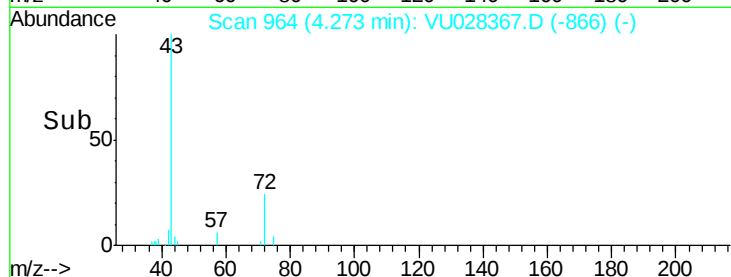
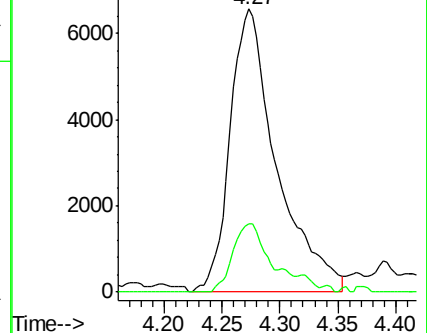
43 100

72 24.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 52.330 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028367.D

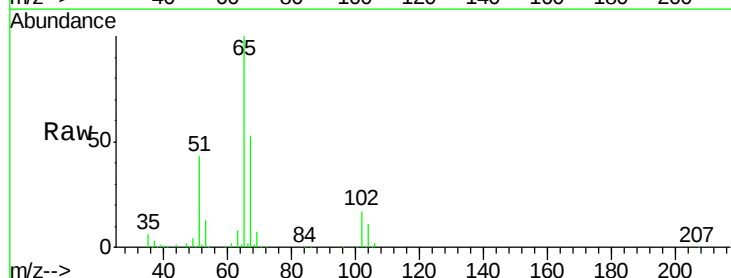
Acq: 28 Nov 2018 15:43

Tgt Ion: 65 Resp: 207607

Ion Ratio Lower Upper

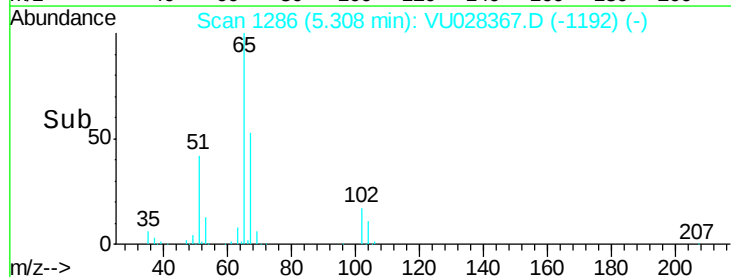
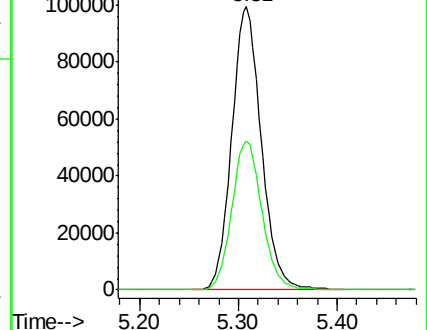
65 100

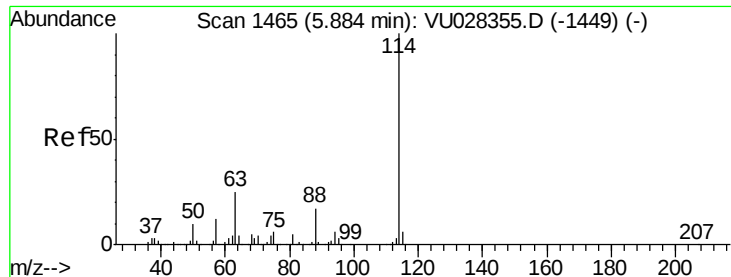
67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU028367.D

Acq: 28 Nov 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

NS

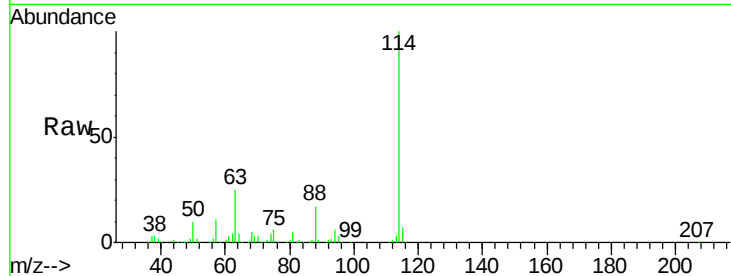
Tot Ion:114 Resp: 445729

Ion Ratio Lower Upper

114 100

63 25.4 0.0 50.0

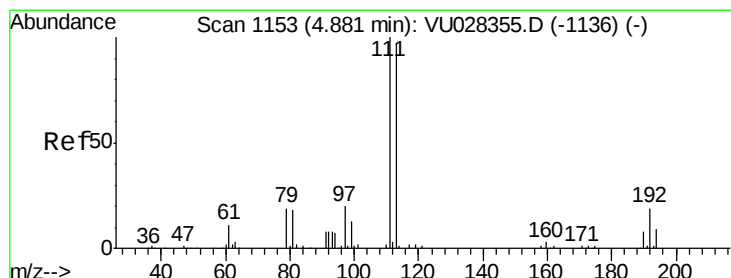
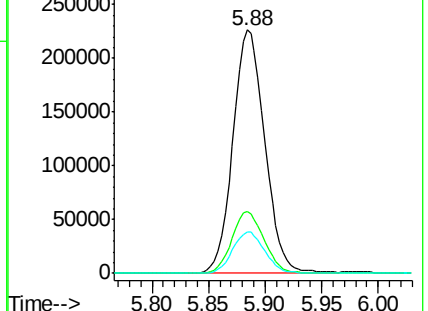
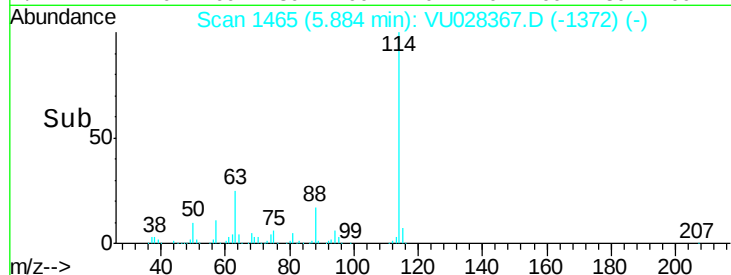
88 17.0 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 49.681 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028367.D

Acq: 28 Nov 2018 15:43

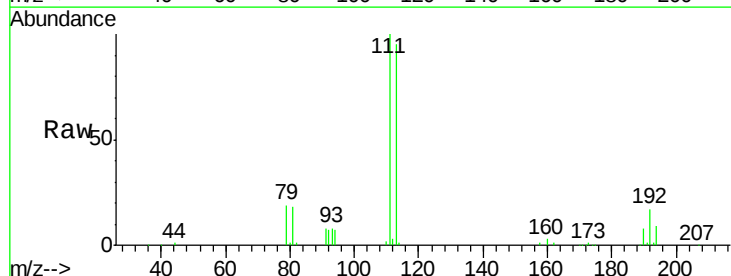
Tgt Ion:113 Resp: 147251

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

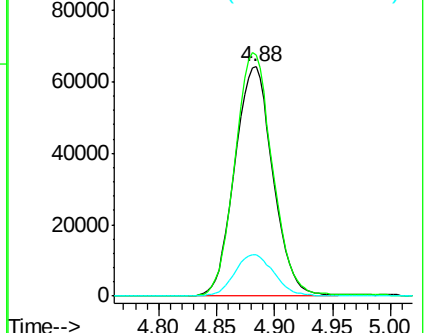
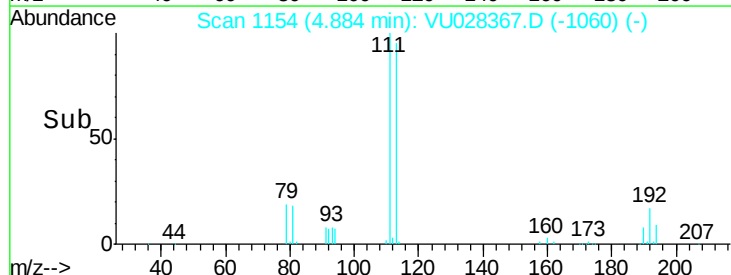
192 18.7 15.4 23.0

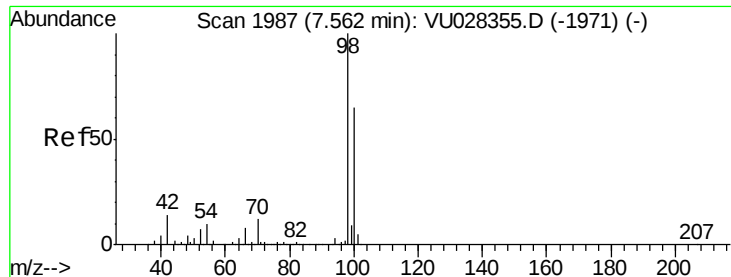


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.533 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028367.D

Acq: 28 Nov 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

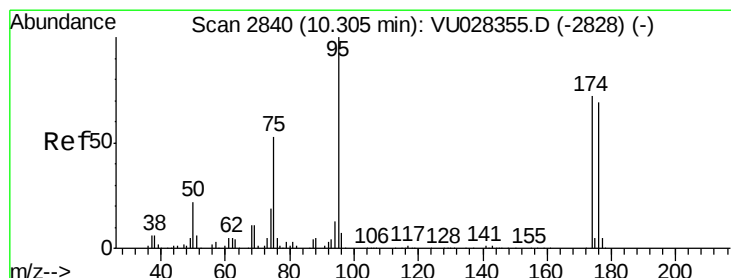
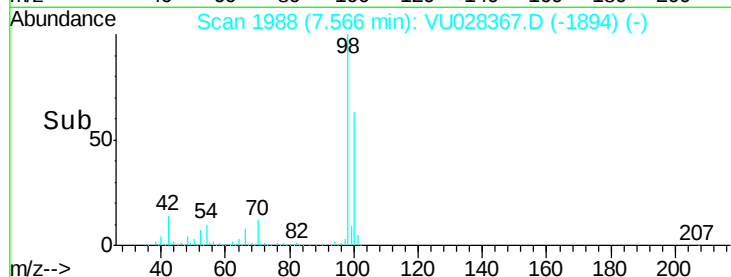
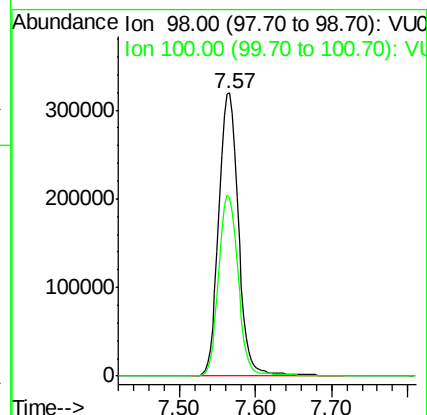
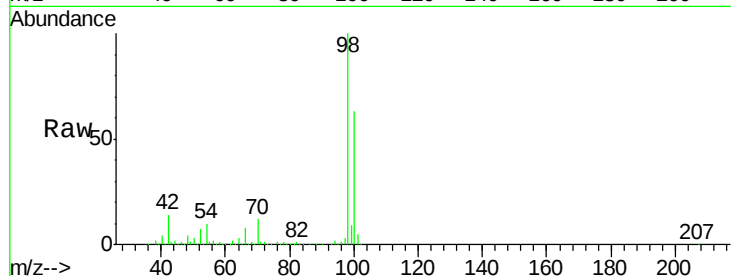
NS

Tot Ion: 98 Resp: 575290

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 44.478 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028367.D

Acq: 28 Nov 2018 15:43

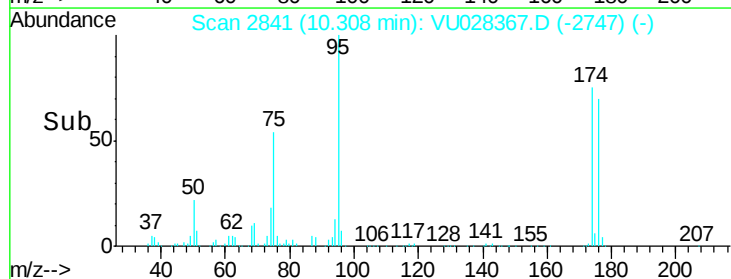
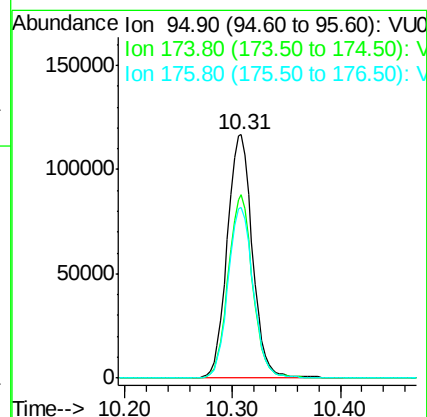
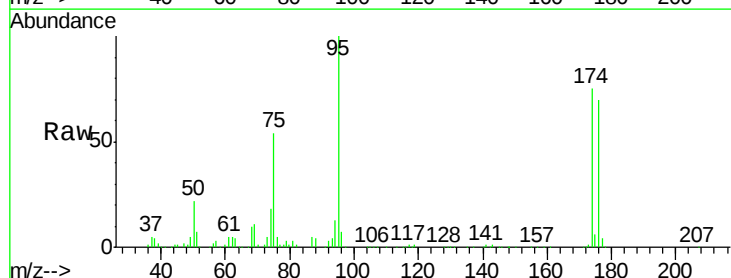
Tgt Ion: 95 Resp: 190027

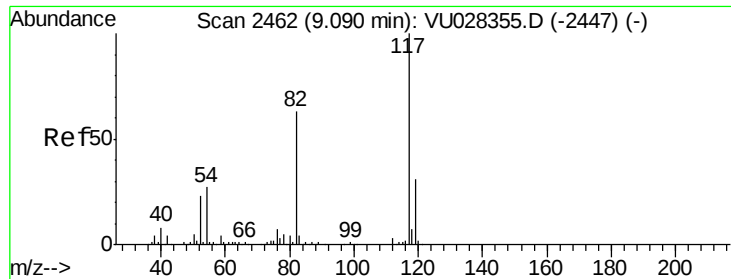
Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.4

176 70.0 0.0 140.8

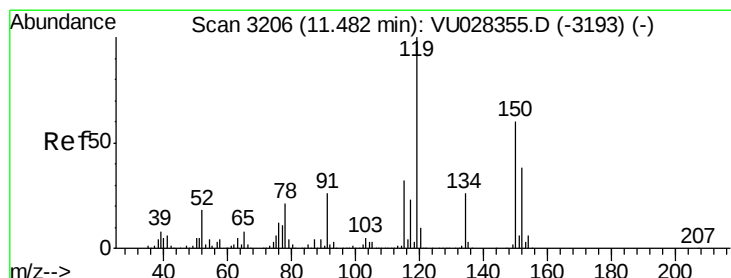
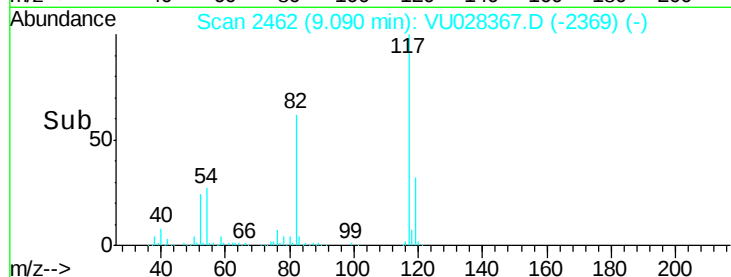
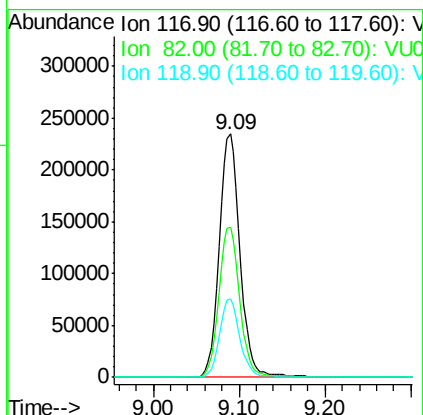
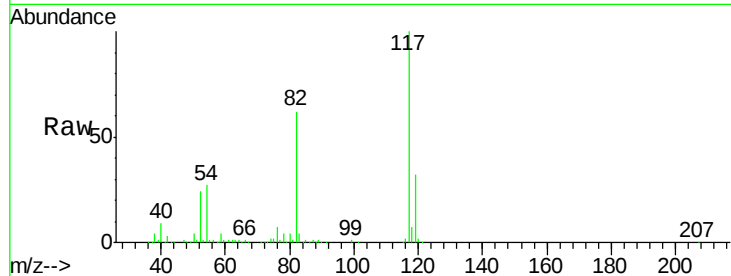




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028367.D
Acq: 28 Nov 2018 15:43

Instrument :
MSVOA_U
ClientSampleId :
NS

Tot Ion:117 Resp: 393162
Ion Ratio Lower Upper
117 100
82 61.5 50.3 75.5
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028367.D
Acq: 28 Nov 2018 15:43

Tgt Ion:152 Resp: 153527
Ion Ratio Lower Upper
152 100
115 61.9 45.0 134.8
150 155.8 0.0 349.2

