

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120518\
 Data File : VU028484.D
 Acq On : 05 Dec 2018 16:44
 Operator : MD/SY
 Sample : J6208-12RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3RE

Quant Time: Dec 06 03:31:24 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

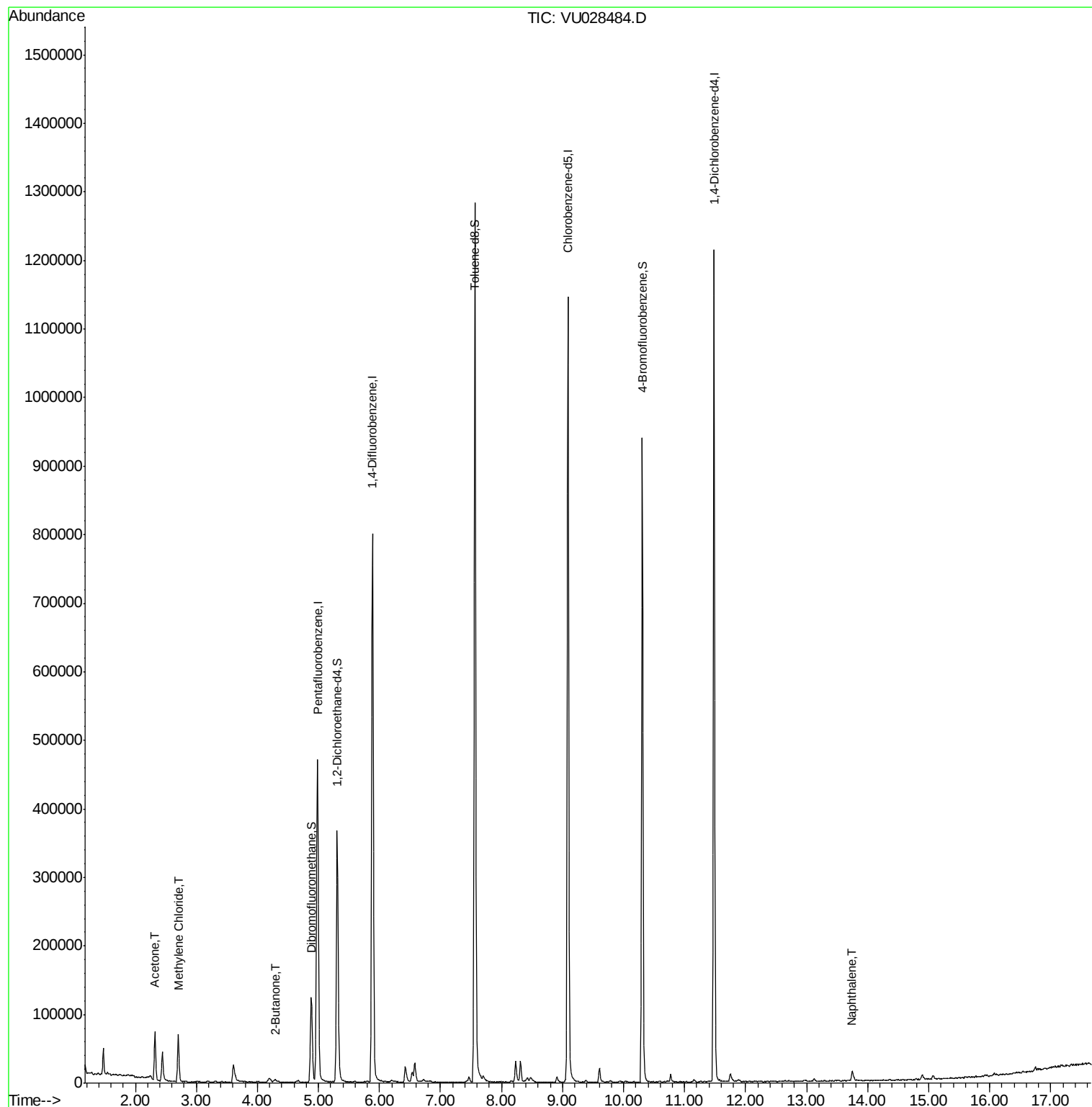
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	360512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	664614	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	619126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	298183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	286197	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	4.88	113	87672	19.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.68%	
50) Toluene-d8	7.57	98	857791	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	10.30	95	315791	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
Target Compounds						
16) Acetone	2.32	43	76994	20.890	ug/l	98
20) Methylene Chloride	2.70	84	28953	5.503	ug/l	89
25) 2-Butanone	4.29	43	6403	1.212	ug/l	93
95) Naphthalene	13.75	128	15492	3.418	ug/l	95

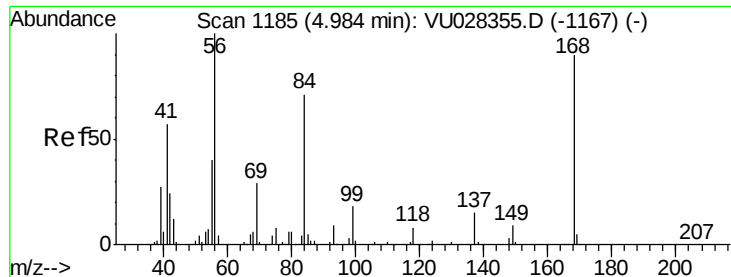
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028484.D

Acq: 05 Dec 2018 16:44

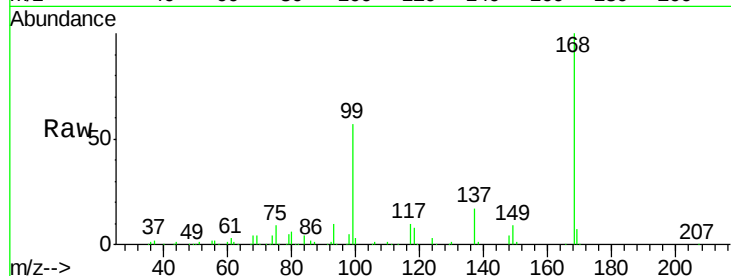
Instrument :
MSVOA_U
ClientSampleId :
TP-3RE

Tgt Ion:168 Resp: 360512

Ion Ratio Lower Upper

168 100

99 57.2 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

150000

100000

50000

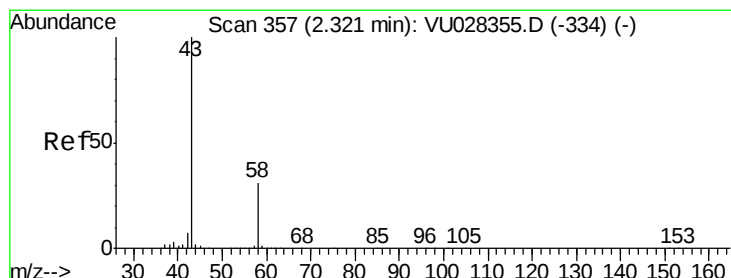
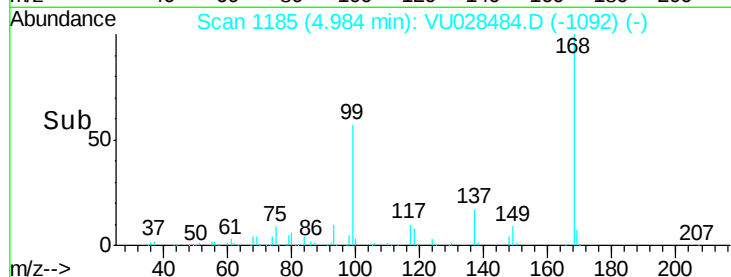
0

Time-->

4.90

5.00

5.10



#16

Acetone

Concen: 20.890 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028484.D

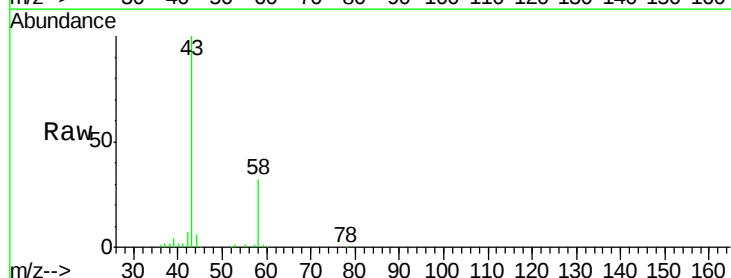
Acq: 05 Dec 2018 16:44

Tgt Ion: 43 Resp: 76994

Ion Ratio Lower Upper

43 100

58 31.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

2.32

50000

40000

30000

20000

10000

0

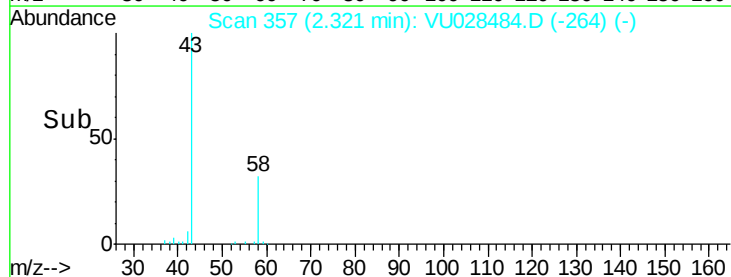
Time-->

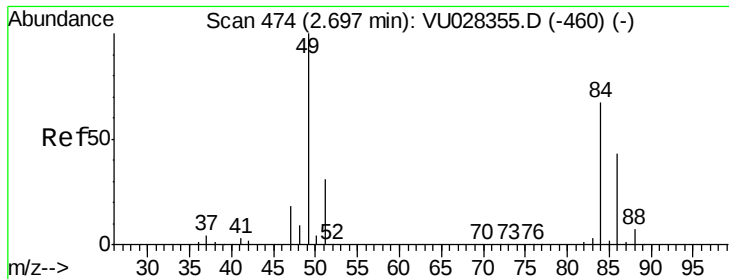
2.25

2.30

2.35

2.40

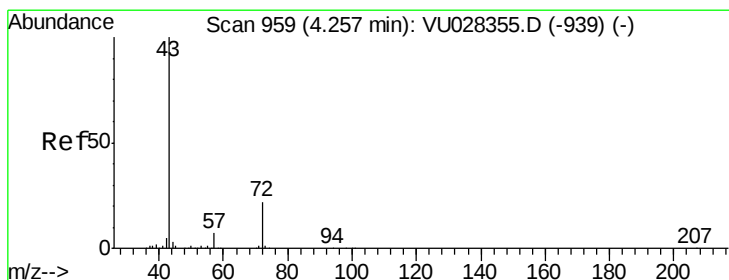
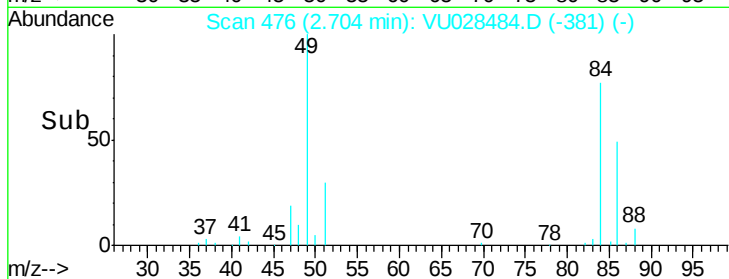
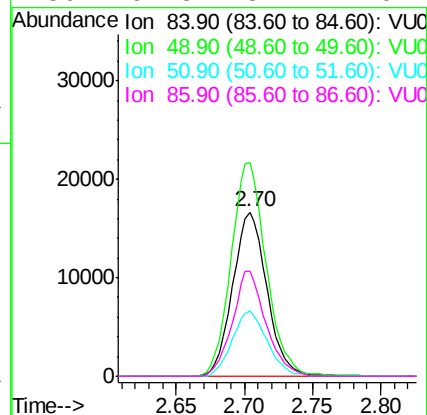
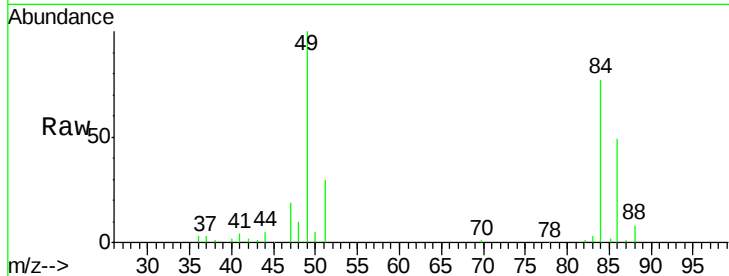




#20
Methylene Chloride
Concen: 5.503 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028484.D
Acq: 05 Dec 2018 16:44

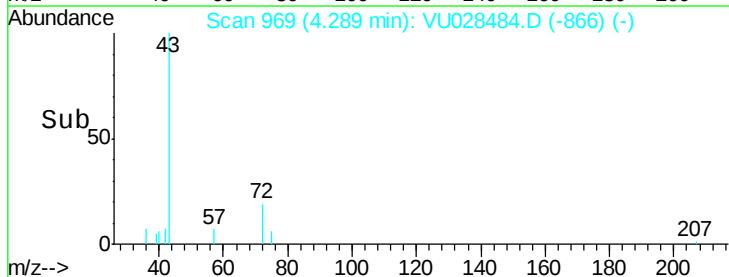
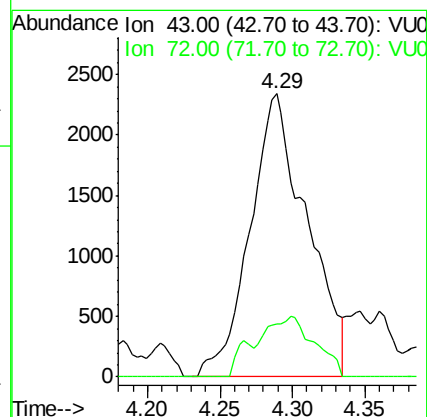
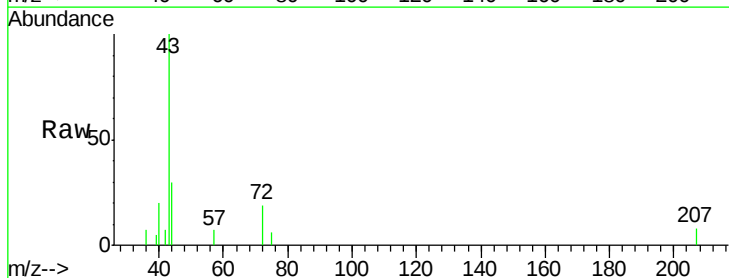
Instrument :
MSVOA_U
ClientSampleId :
TP-3RE

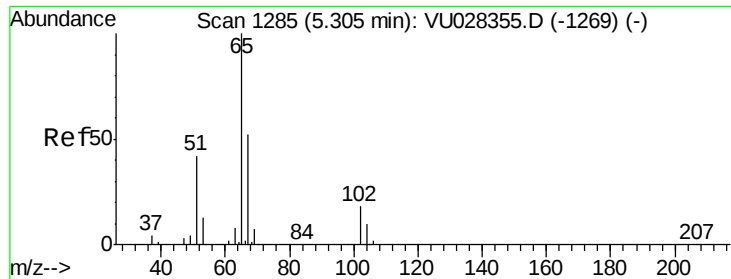
Tgt Ion:	84	Resp:	28953
Ion	Ratio	Lower	Upper
84	100		
49	130.1	120.0	180.0
51	39.5	36.9	55.3
86	64.3	51.1	76.7



#25
2-Butanone
Concen: 1.212 ug/l
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU028484.D
Acq: 05 Dec 2018 16:44

Tgt Ion:	43	Resp:	6403
Ion	Ratio	Lower	Upper
43	100		
72	18.6	17.7	26.5





#33

1,2-Dichloroethane-d4

Concen: 47.501 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028484.D

Acq: 05 Dec 2018 16:44

Instrument :

MSVOA_U

ClientSampleId :

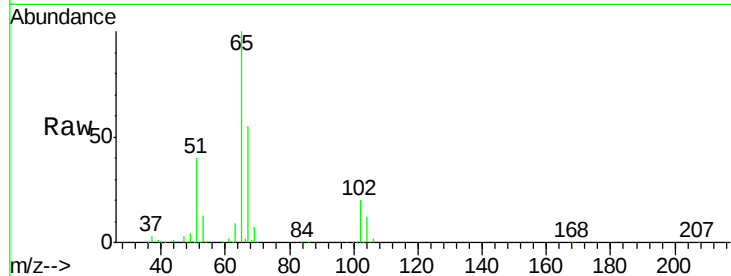
TP-3RE

Tgt Ion: 65 Resp: 286197

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU028355.D (-1269) (-)

Ion 66.90 (66.60 to 67.60): VU028355.D (-1269) (-)

5.31

150000

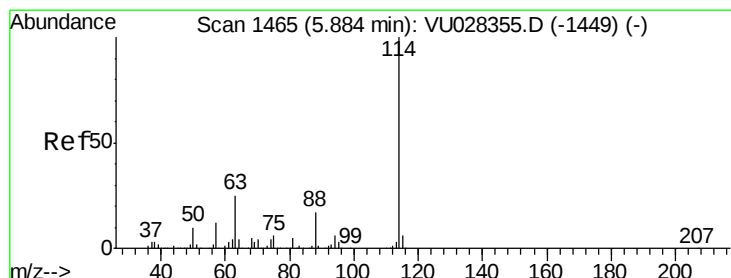
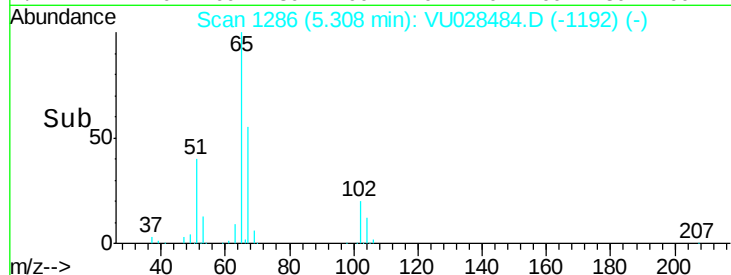
100000

50000

0

Time-->

5.20 5.30 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028484.D

Acq: 05 Dec 2018 16:44

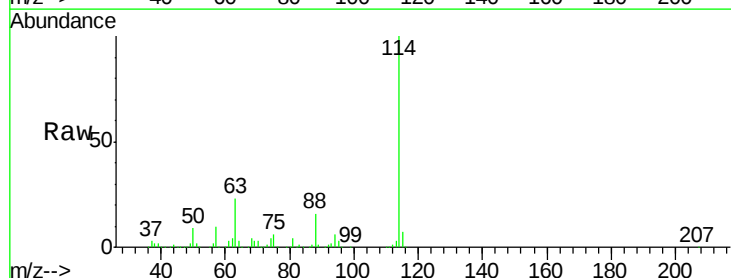
Tgt Ion: 114 Resp: 664614

Ion Ratio Lower Upper

114 100

63 23.0 0.0 50.0

88 16.3 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): VU028355.D (-1449) (-)

Ion 63.00 (62.70 to 63.70): VU028355.D (-1449) (-)

Ion 87.90 (87.60 to 88.60): VU028355.D (-1449) (-)

5.89

400000

300000

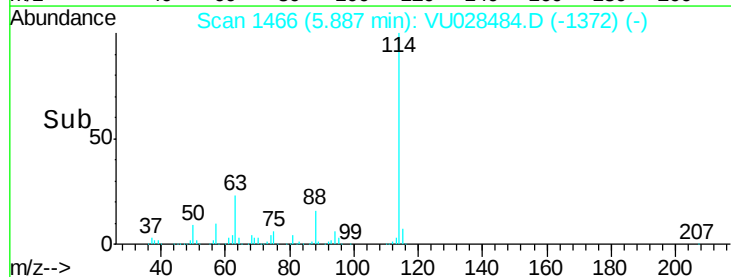
200000

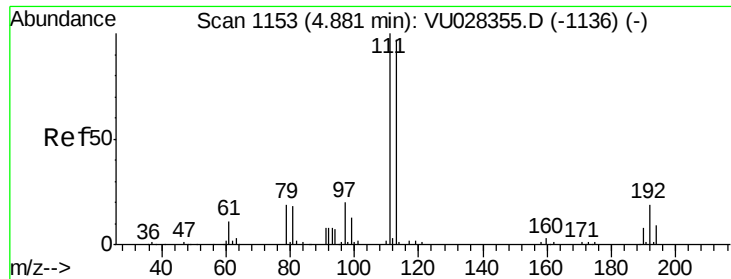
100000

0

Time-->

5.80 5.90 6.00

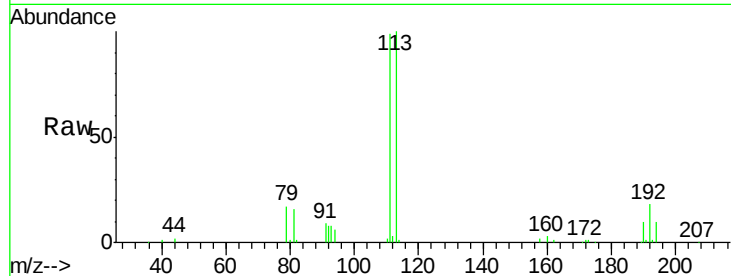




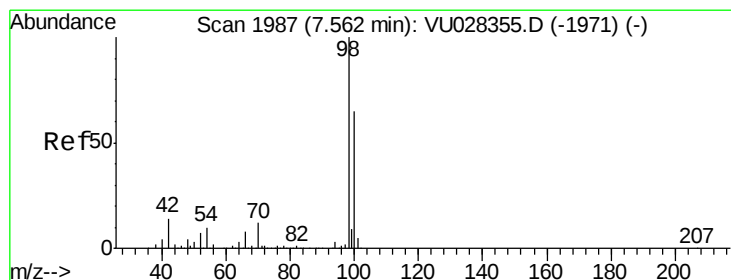
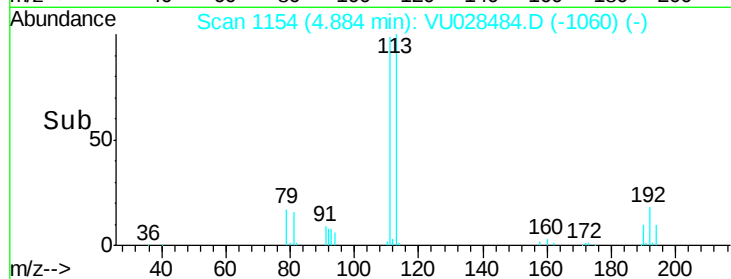
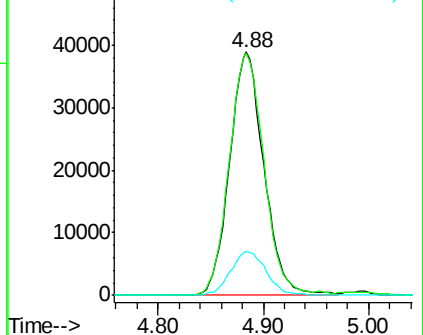
#35
 Dibromofluoromethane
 Concen: 19.838 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028484.D
 Acq: 05 Dec 2018 16:44

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3RE

Tgt Ion: 113 Resp: 87672
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.9 124.3
 192 18.8 15.4 23.0

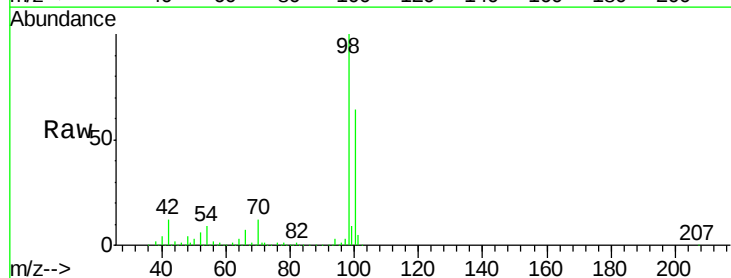


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

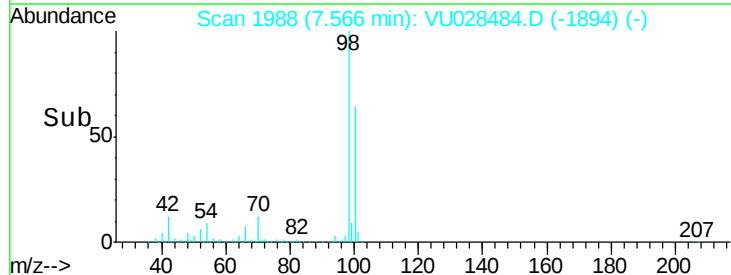
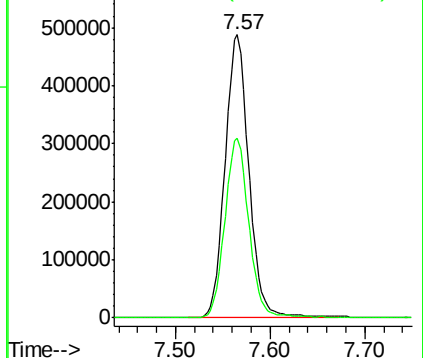


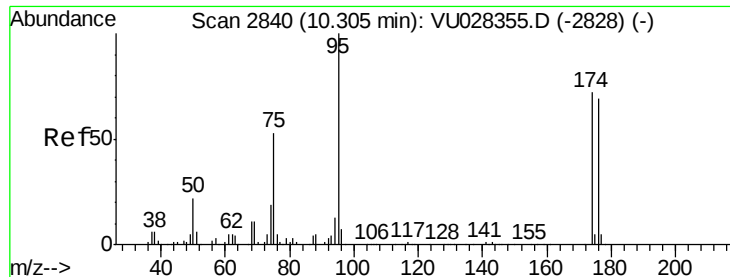
#50
 Toluene-d8
 Concen: 48.533 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU028484.D
 Acq: 05 Dec 2018 16:44

Tgt Ion: 98 Resp: 857791
 Ion Ratio Lower Upper
 98 100
 100 64.0 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: 49.572 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028484.D

Acq: 05 Dec 2018 16:44

Instrument :

MSVOA_U

ClientSampled :

TP-3RE

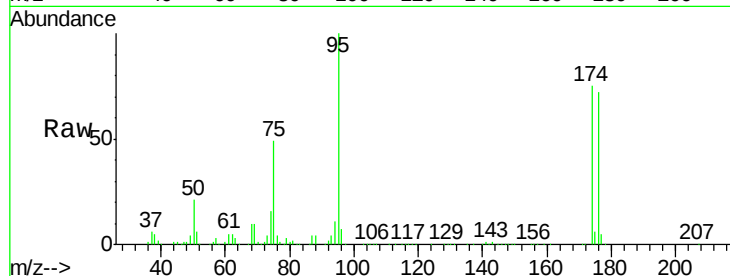
Tgt Ion: 95 Resp: 315791

Ion Ratio Lower Upper

95 100

174 75.6 0.0 145.4

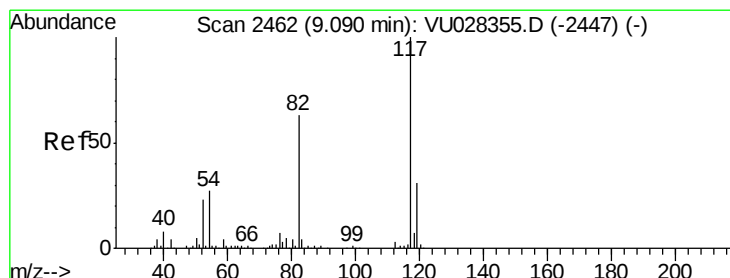
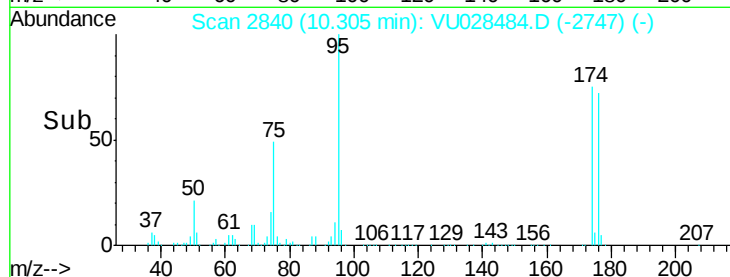
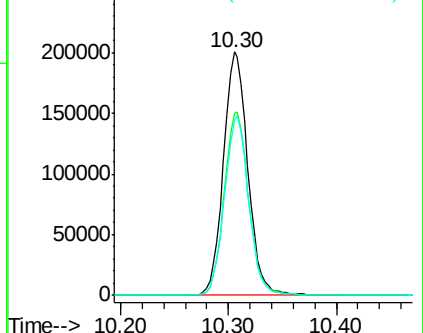
176 73.3 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU028484.D

Acq: 05 Dec 2018 16:44

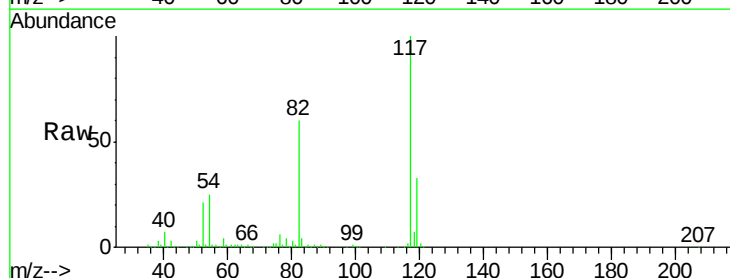
Tgt Ion: 117 Resp: 619126

Ion Ratio Lower Upper

117 100

82 60.3 50.3 75.5

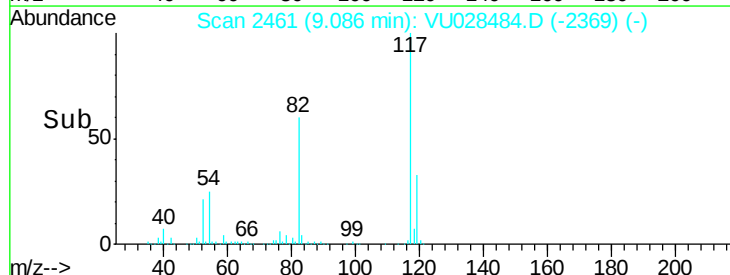
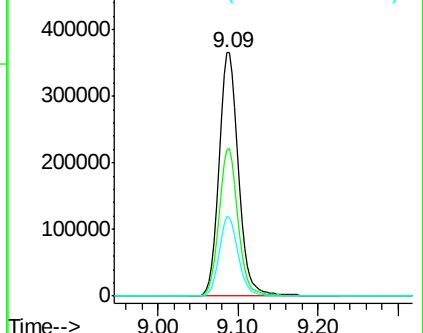
119 32.7 24.8 37.2

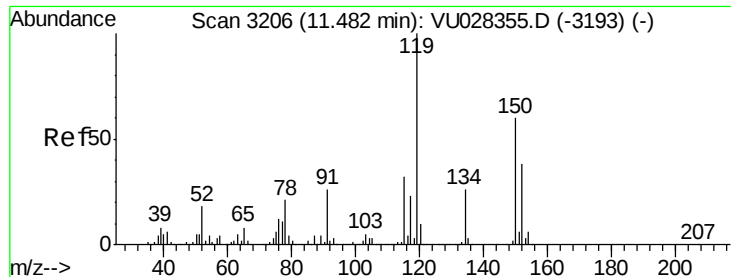


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028484.D

Acq: 05 Dec 2018 16:44

Instrument :

MSVOA_U

ClientSampleId :

TP-3RE

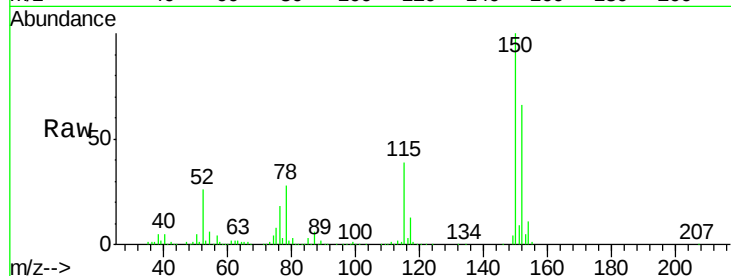
Tgt Ion:152 Resp: 298183

Ion Ratio Lower Upper

152 100

115 59.3 45.0 134.8

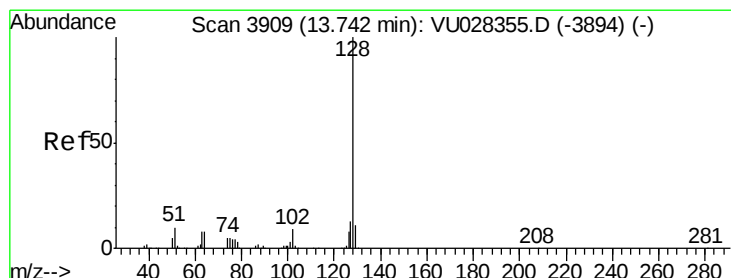
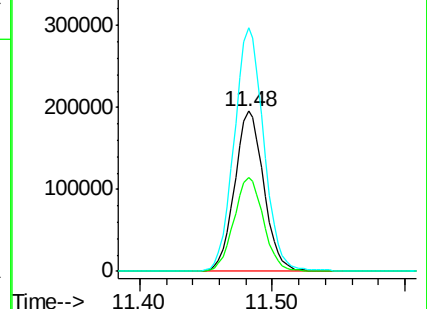
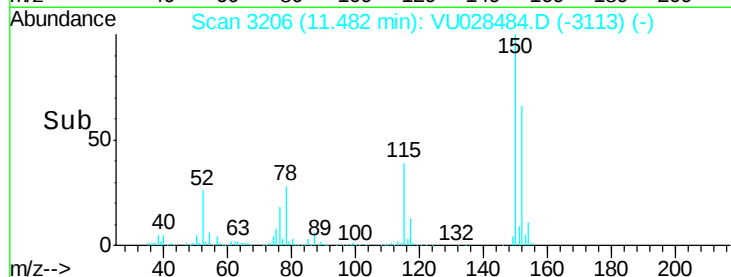
150 154.9 0.0 349.2



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: 3.418 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU028484.D

Acq: 05 Dec 2018 16:44

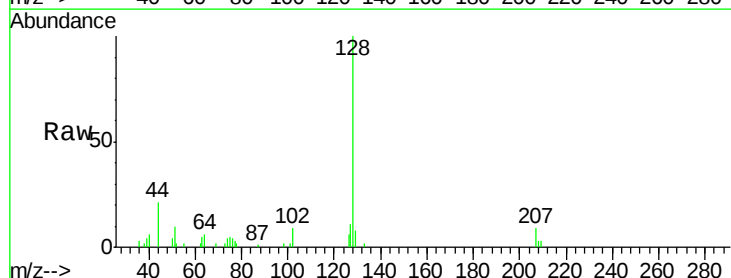
Tgt Ion:128 Resp: 15492

Ion Ratio Lower Upper

128 100

127 11.0 10.6 15.8

129 9.4 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

