

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027966.D
 Acq On : 05 Nov 2018 18:37
 Operator : MD/SY
 Sample : J5816-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4A-D

Quant Time: Nov 06 04:45:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

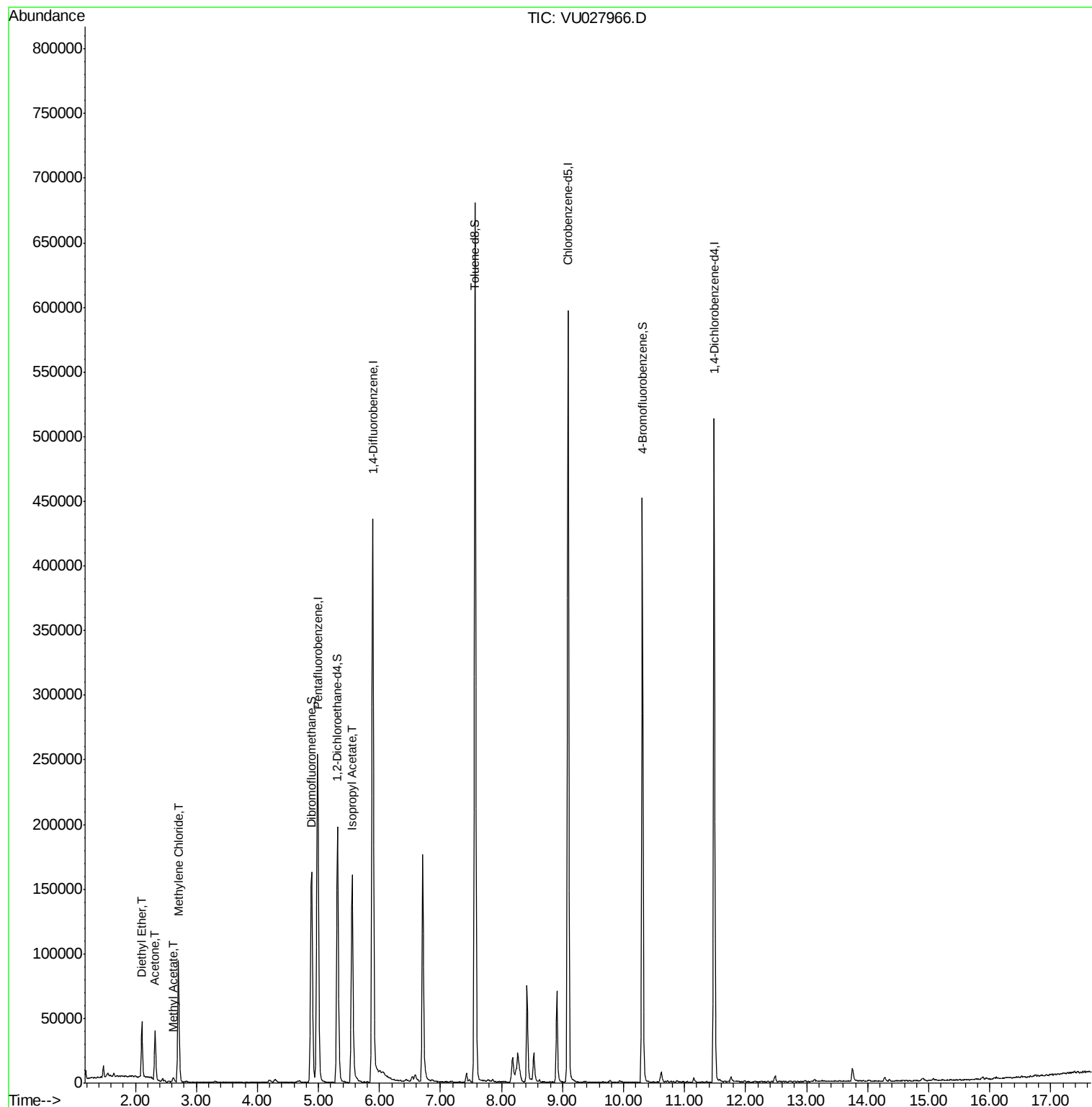
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	346625	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	307612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	128134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	154287	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	4.89	113	114438	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	7.57	98	445468	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	10.31	95	146988	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
Target Compounds						
8) Diethyl Ether	2.11	74	13028	9.110	ug/l	94
16) Acetone	2.32	43	40872	23.382	ug/l	98
18) Methyl Acetate	2.62	43	5563	1.157	ug/l #	88
20) Methylene Chloride	2.70	84	40301	15.791	ug/l	97
43) Isopropyl Acetate	5.55	43	195298	23.435	ug/l	100

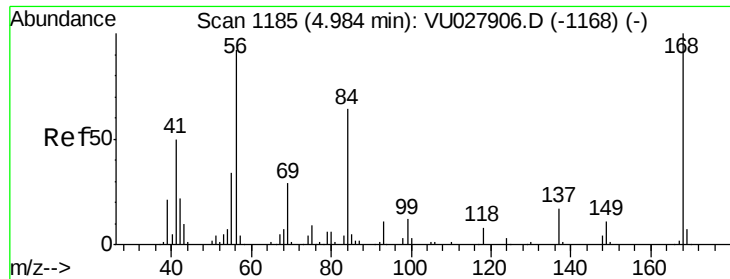
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027966.D

Acq: 05 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

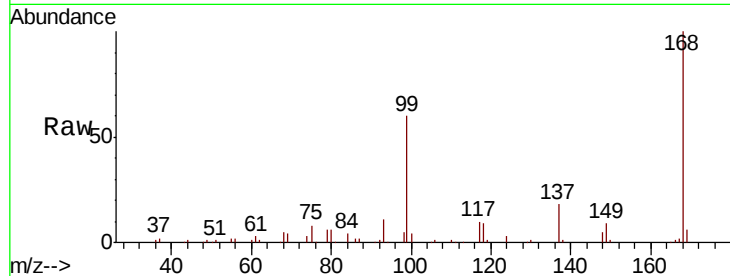
TP-4A-D

Tot Ion:168 Resp: 189499

Ion Ratio Lower Upper

168 100

99 59.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

80000

60000

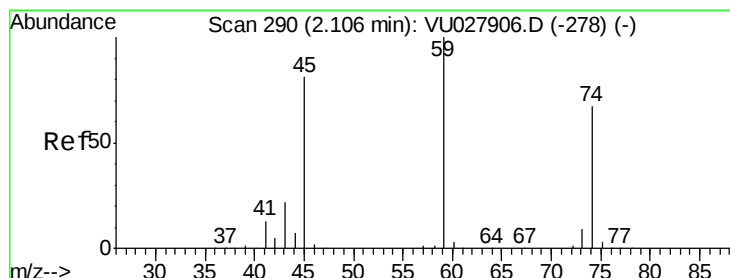
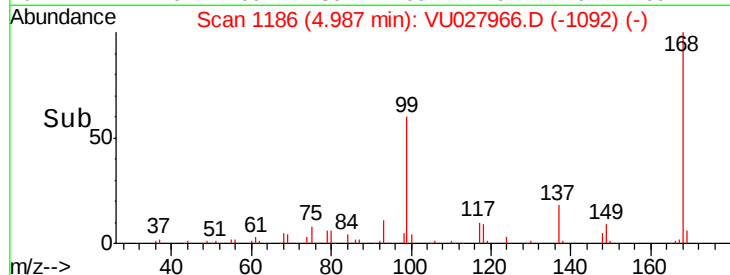
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#8

Diethyl Ether

Concen: 9.110 ug/l

RT: 2.11 min Scan# 290

Delta R.T. -0.00 min

Lab File: VU027966.D

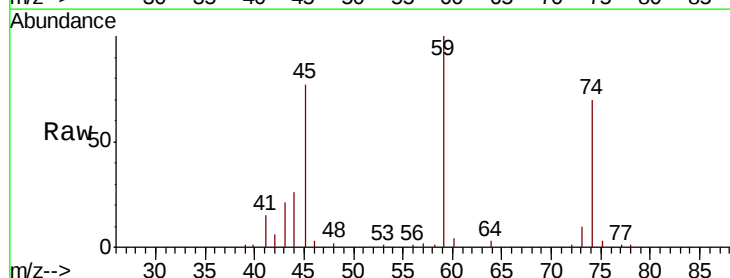
Acq: 05 Nov 2018 18:37

Tgt Ion: 74 Resp: 13028

Ion Ratio Lower Upper

74 100

45 114.4 60.5 181.5



Abundance Ion 74.00 (73.70 to 74.70): VU027906.D (-278) (-)

Ion 45.00 (44.70 to 45.70): VU027906.D (-278) (-)

2.11

12000

10000

8000

6000

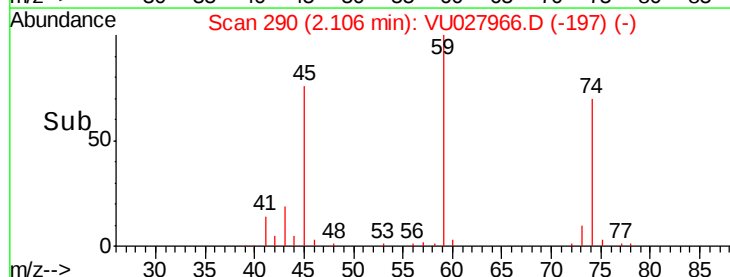
4000

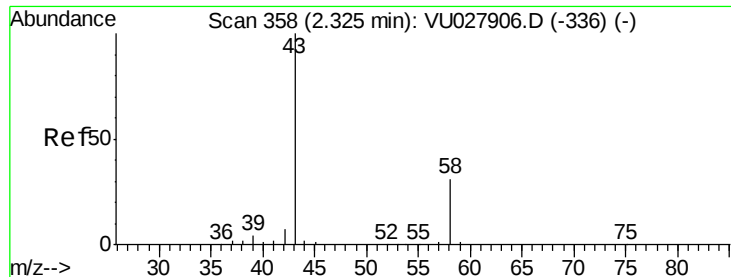
2000

0

2.05 2.10 2.15

Time-->





#16

Acetone

Concen: 23.382 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027966.D

Acq: 05 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

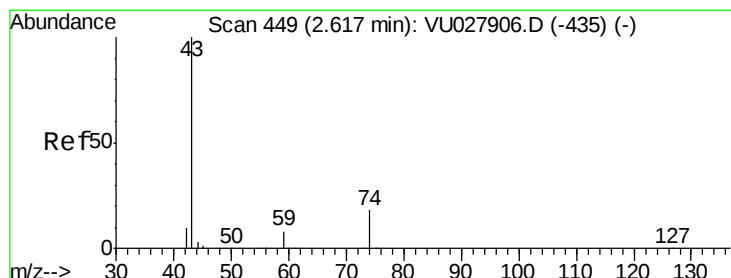
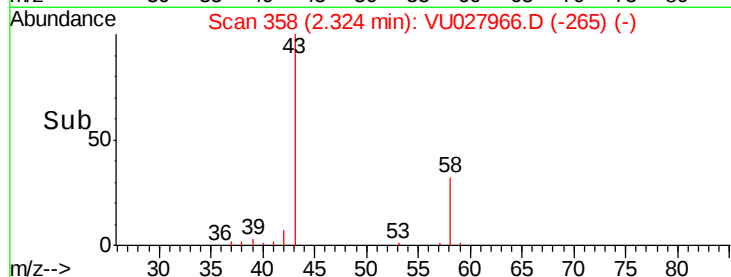
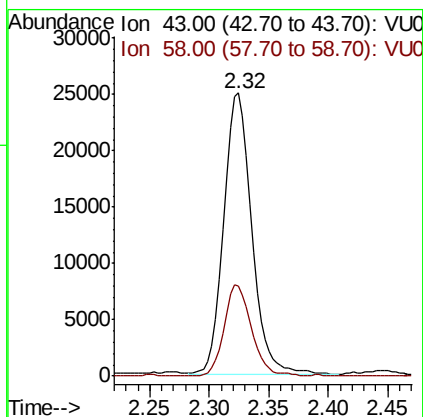
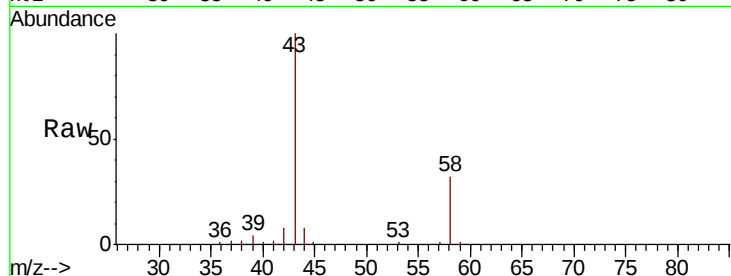
TP-4A-D

Tot Ion: 43 Resp: 40872

Ion Ratio Lower Upper

43 100

58 32.2 24.6 37.0



#18

Methyl Acetate

Concen: 1.157 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027966.D

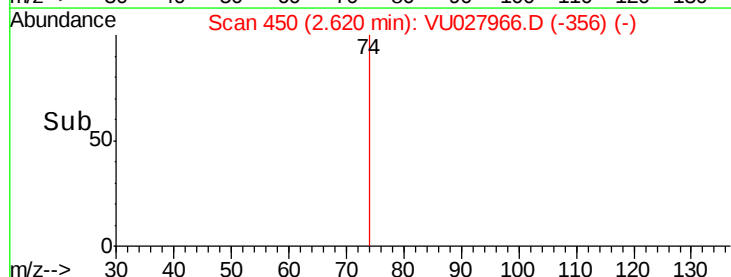
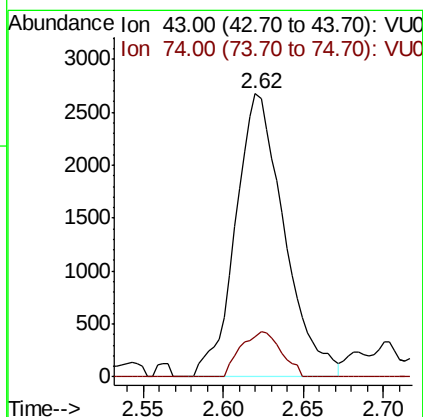
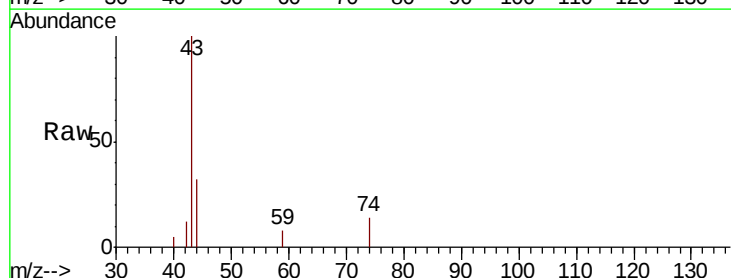
Acq: 05 Nov 2018 18:37

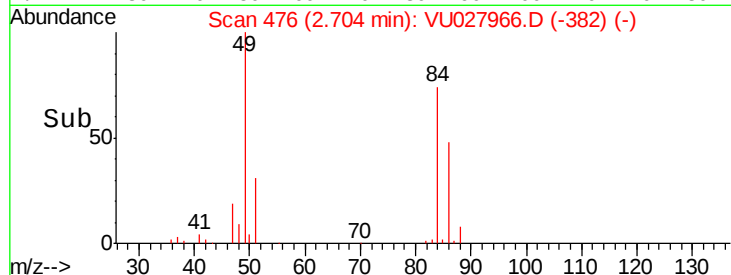
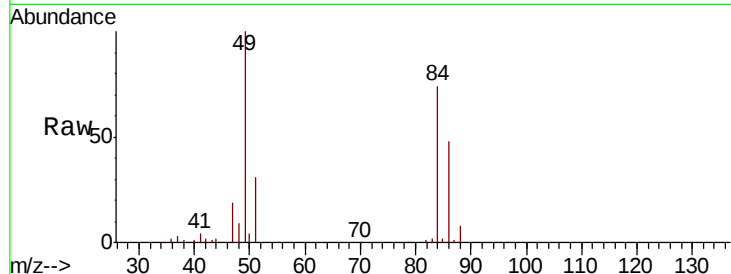
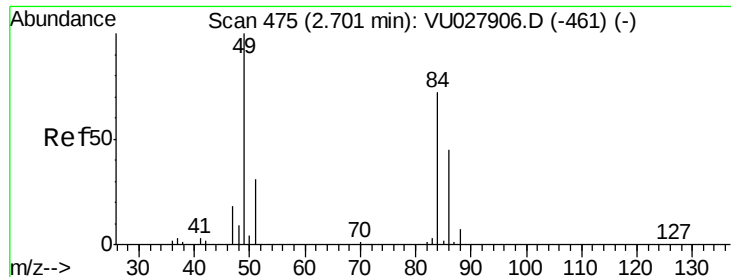
Tgt Ion: 43 Resp: 5563

Ion Ratio Lower Upper

43 100

74 13.2 14.9 22.3#

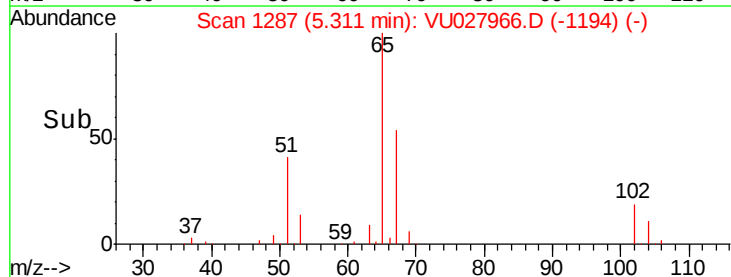
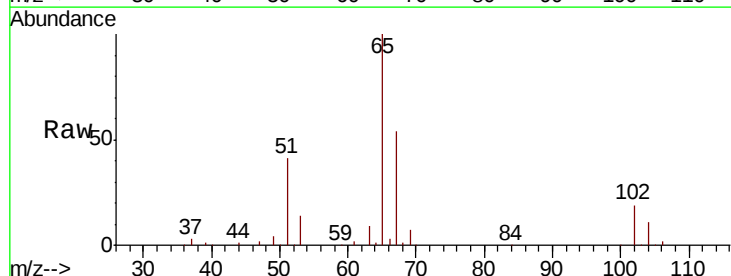
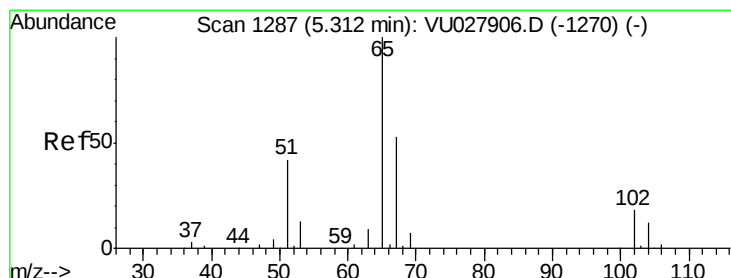
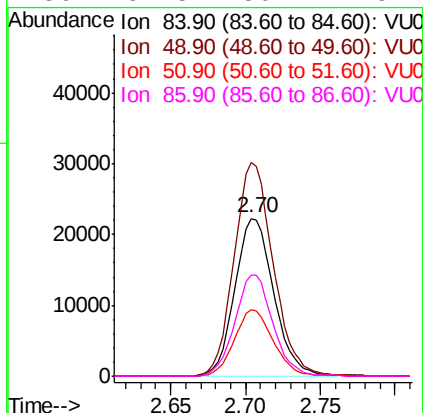




#20
Methylene Chloride
Concen: 15.791 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027966.D
Acq: 05 Nov 2018 18:37

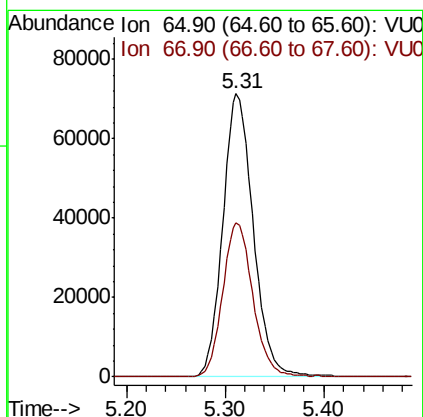
Instrument :
MSVOA_U
ClientSampleId :
TP-4A-D

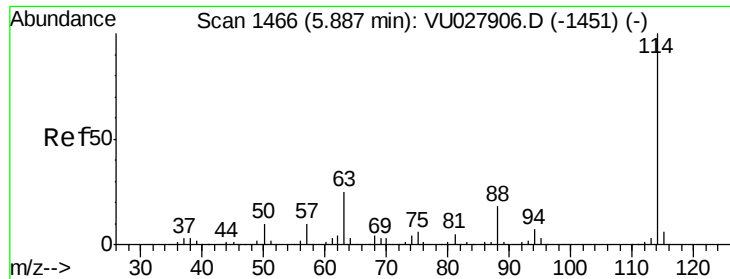
Tot Ion: 84 Resp: 40301
Ion Ratio Lower Upper
84 100
49 135.6 111.6 167.4
51 42.2 34.8 52.2
86 64.5 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 54.763 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027966.D
Acq: 05 Nov 2018 18:37

Tgt Ion: 65 Resp: 154287
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0

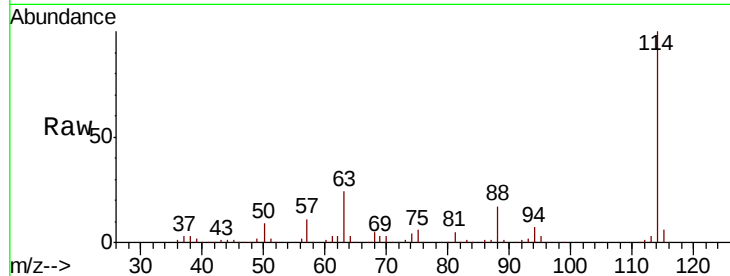




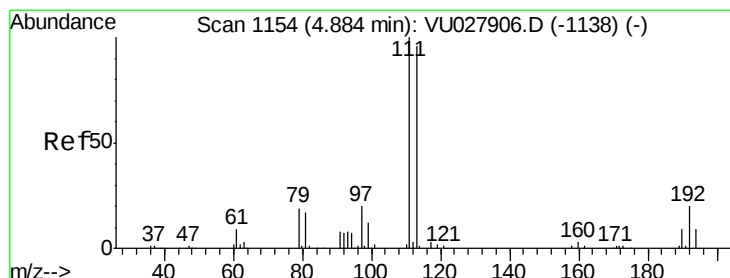
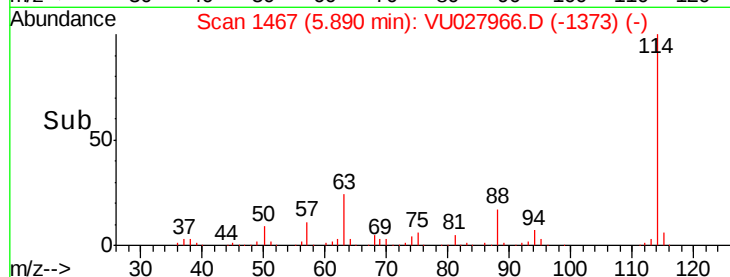
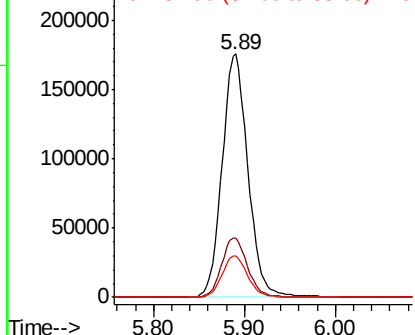
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027966.D
Acq: 05 Nov 2018 18:37

Instrument :
MSVOA_U
ClientSampleId :
TP-4A-D

Tot Ion:114 Resp: 346625
Ion Ratio Lower Upper
114 100
63 24.2 0.0 50.8
88 17.2 0.0 35.8

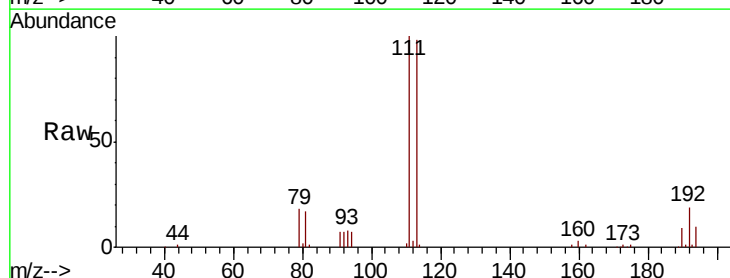


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

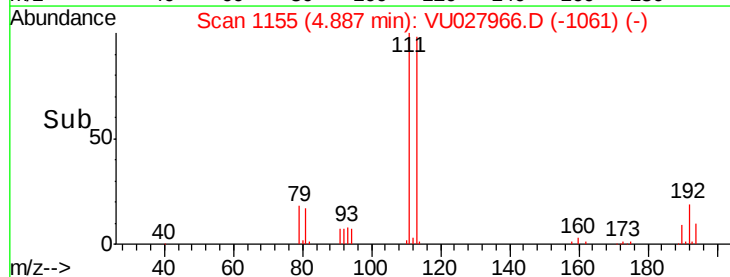
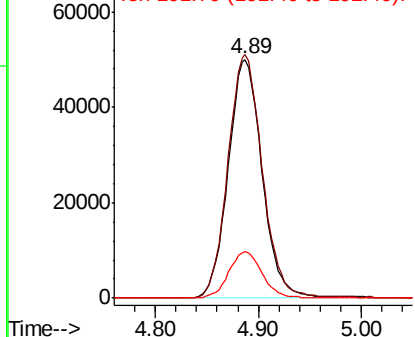


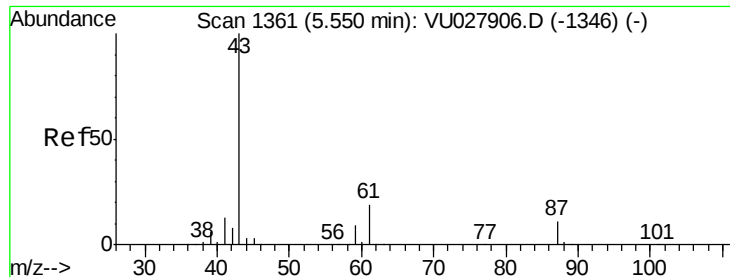
#35
Dibromofluoromethane
Concen: 52.362 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027966.D
Acq: 05 Nov 2018 18:37

Tgt Ion:113 Resp: 114438
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 19.1 15.6 23.4



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





#43

Isopropyl Acetate

Concen: 23.435 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027966.D

Acq: 05 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

TP-4A-D

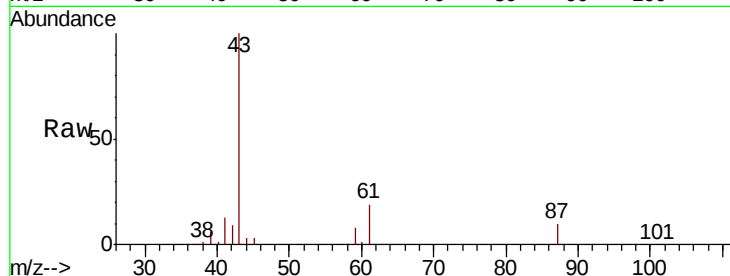
Tot Ion: 43 Resp: 195298

Ion Ratio Lower Upper

43 100

61 18.7 15.0 22.4

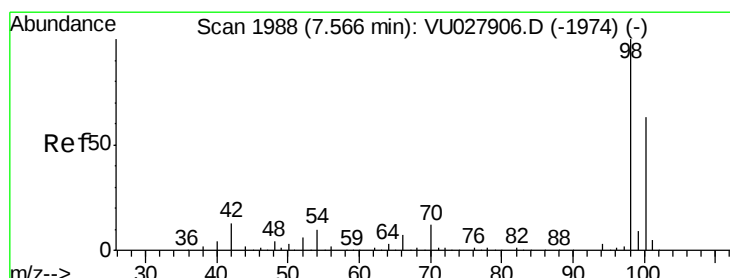
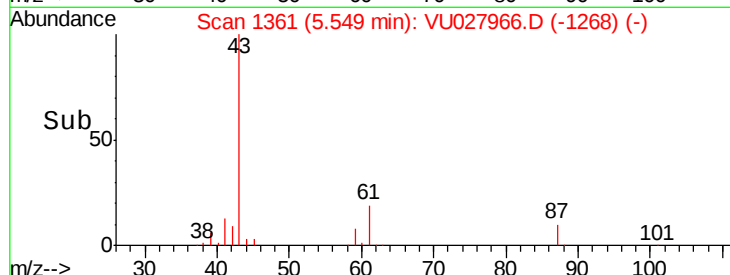
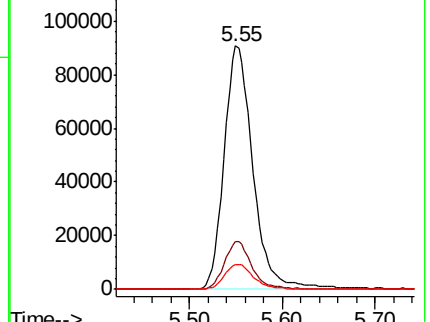
87 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



#50

Toluene-d8

Concen: 52.765 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027966.D

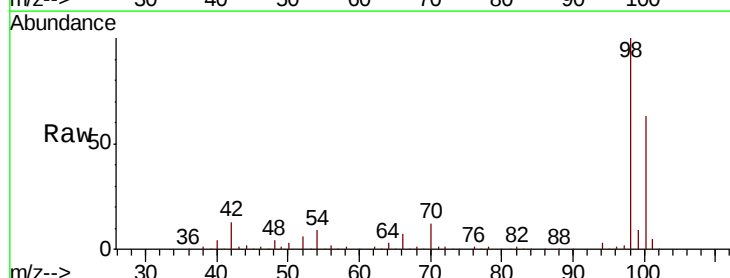
Acq: 05 Nov 2018 18:37

Tgt Ion: 98 Resp: 445468

Ion Ratio Lower Upper

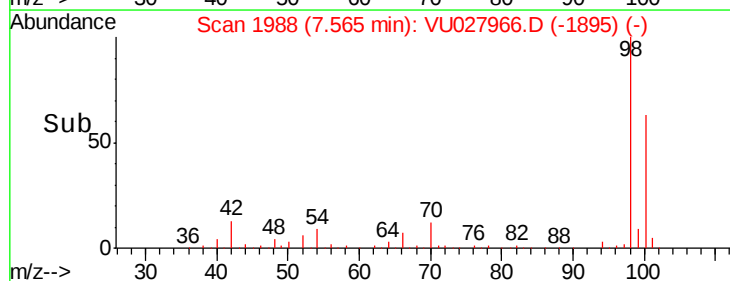
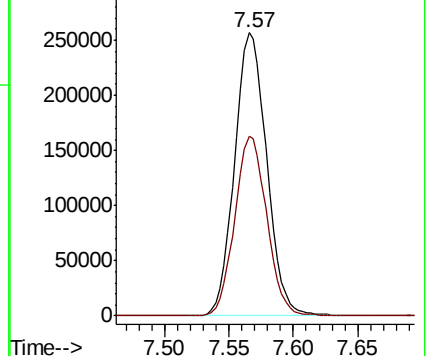
98 100

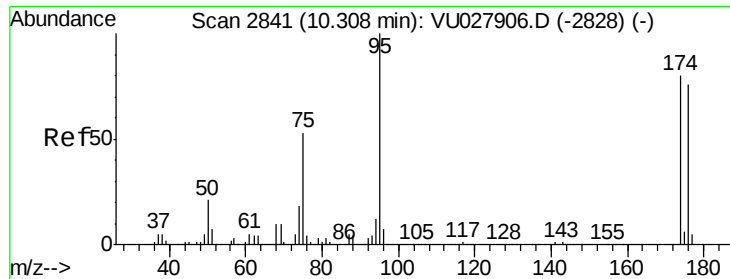
100 63.3 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)





#62

4-Bromofluorobenzene

Concen: 47.203 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027966.D

Acq: 05 Nov 2018 18:37

Instrument :

MSVOA_U

ClientSampleId :

TP-4A-D

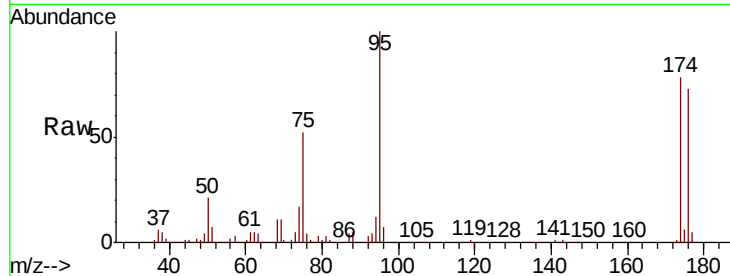
Tot Ion: 95 Resp: 146988

Ion Ratio Lower Upper

95 100

174 78.3 0.0 156.4

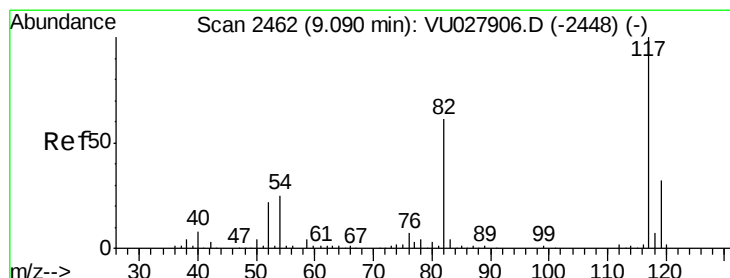
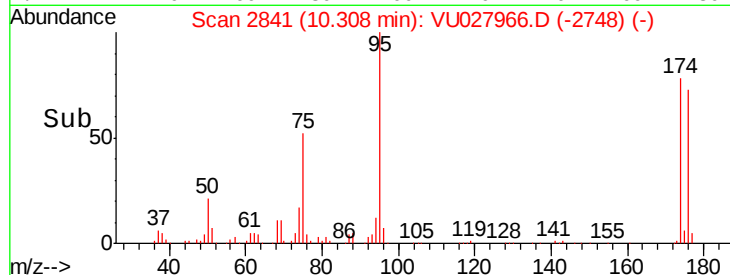
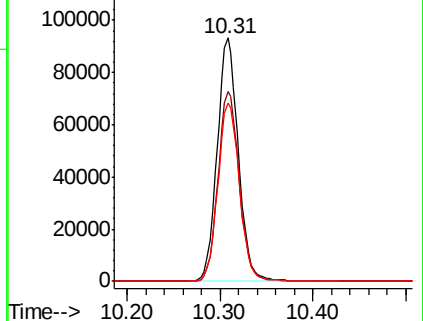
176 74.9 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027966.D

Acq: 05 Nov 2018 18:37

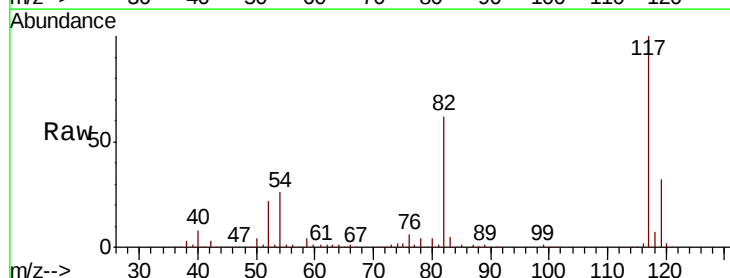
Tgt Ion: 117 Resp: 307612

Ion Ratio Lower Upper

117 100

82 62.4 48.6 73.0

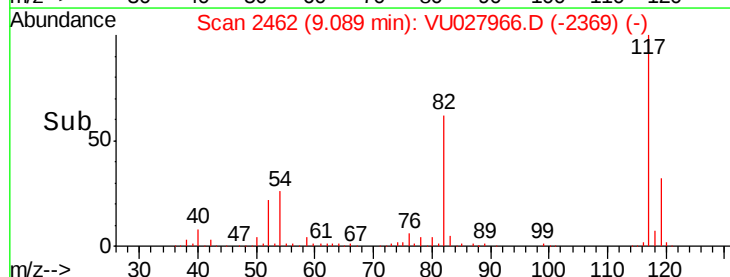
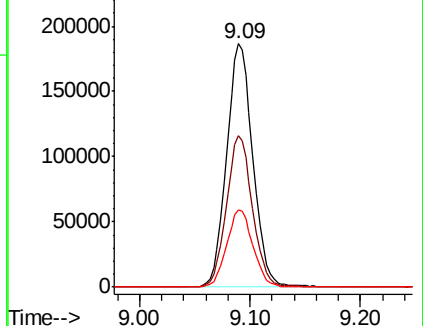
119 31.8 25.8 38.8

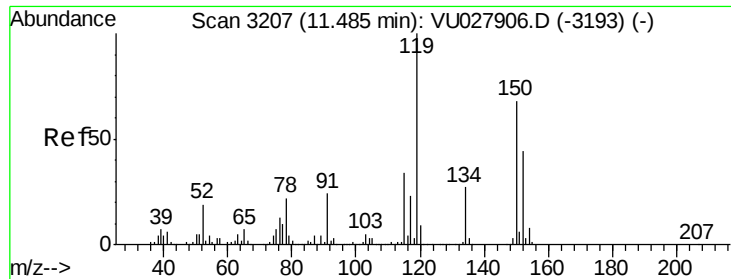


Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)

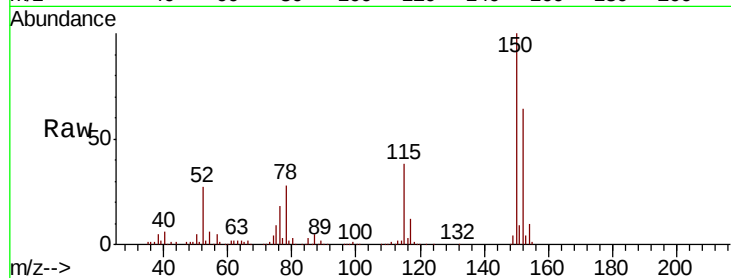




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU027966.D
 Acq: 05 Nov 2018 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4A-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.1	43.0	129.0
150	156.9	0.0	349.4



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

