

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
 Data File : VU027927.D
 Acq On : 02 Nov 2018 15:38
 Operator : MD/SY
 Sample : J5741-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

Quant Time: Nov 03 05:40:40 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

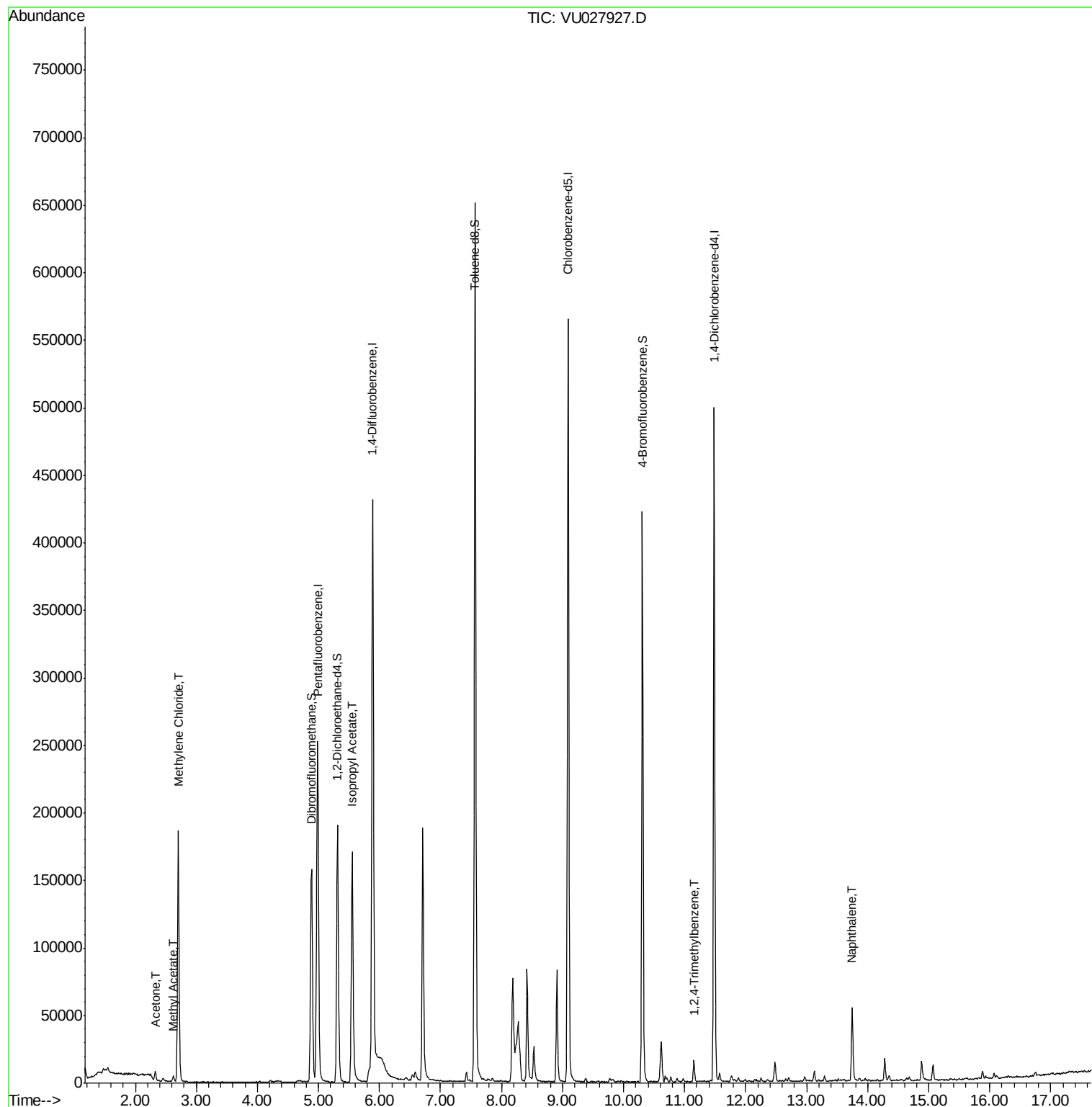
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	341765	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	298107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	124509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	148762	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
35) Dibromofluoromethane	4.88	113	110588	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	7.57	98	430995	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	10.31	95	142762	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
16) Acetone	2.33	43	6338	3.619	ug/l	94
18) Methyl Acetate	2.62	43	5822	1.208	ug/l	94
20) Methylene Chloride	2.70	84	75873	29.671	ug/l	98
43) Isopropyl Acetate	5.55	43	203446	24.760	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	9036	1.123	ug/l	96
95) Naphthalene	13.75	128	45488	4.288	ug/l	99

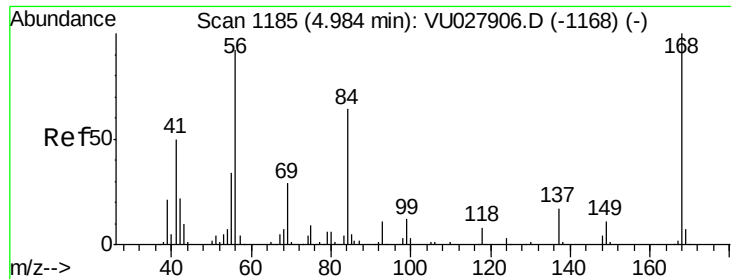
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027927.D

Acq: 02 Nov 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

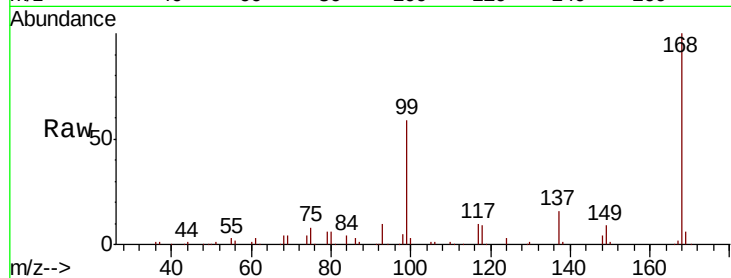
TP-3

Tot Ion:168 Resp: 189864

Ion Ratio Lower Upper

168 100

99 59.4 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

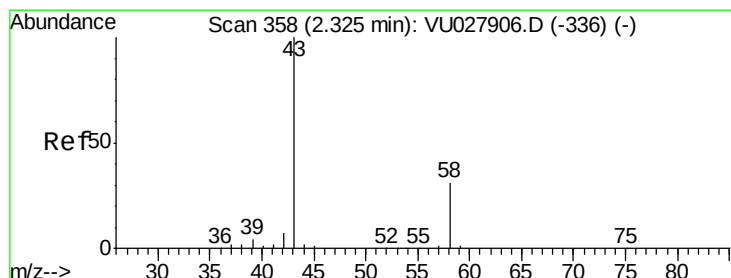
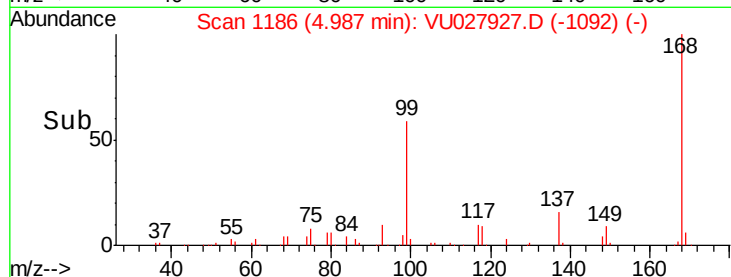
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.619 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU027927.D

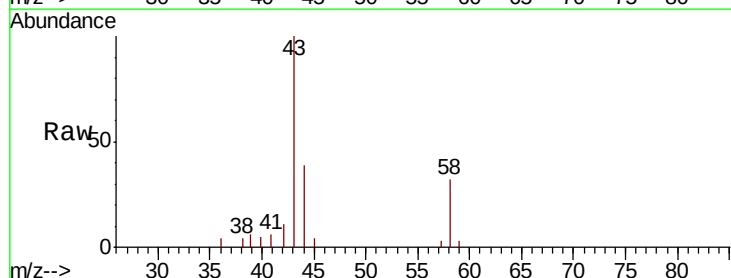
Acq: 02 Nov 2018 15:38

Tgt Ion: 43 Resp: 6338

Ion Ratio Lower Upper

43 100

58 34.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-336) (-)

2.33

4000

3000

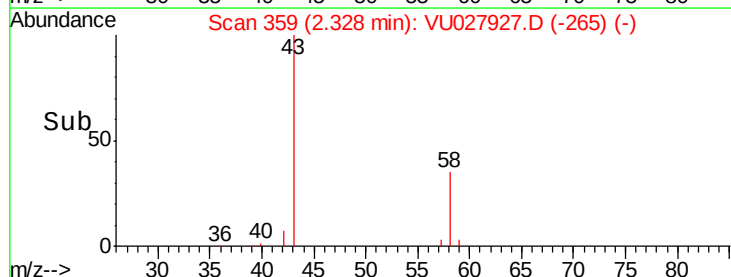
2000

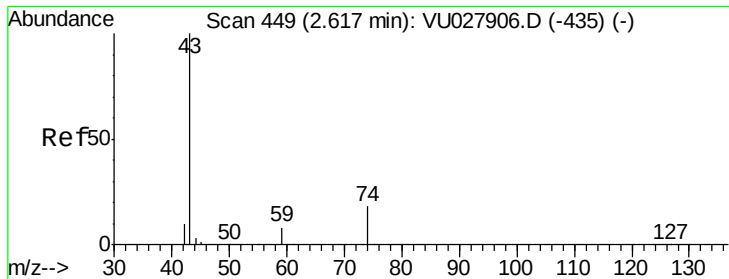
1000

0

2.30 2.35

Time-->





#18

Methyl Acetate

Concen: 1.208 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU027927.D

Acq: 02 Nov 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

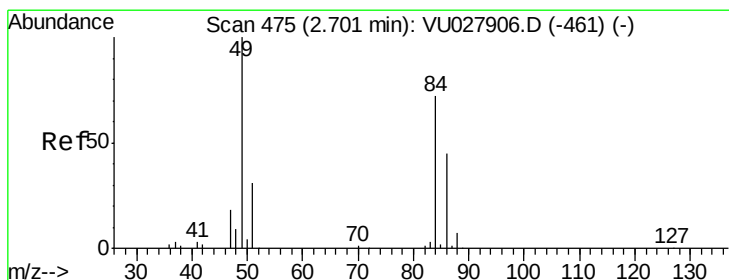
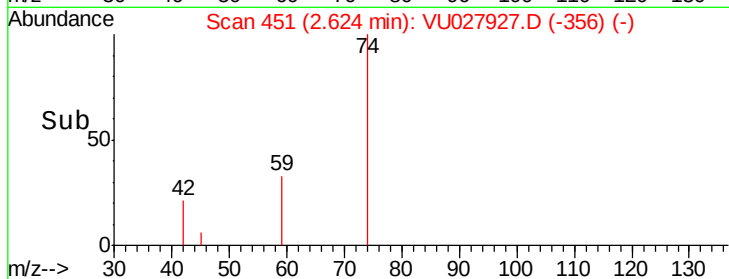
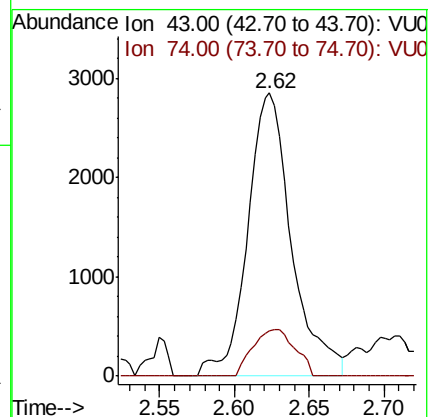
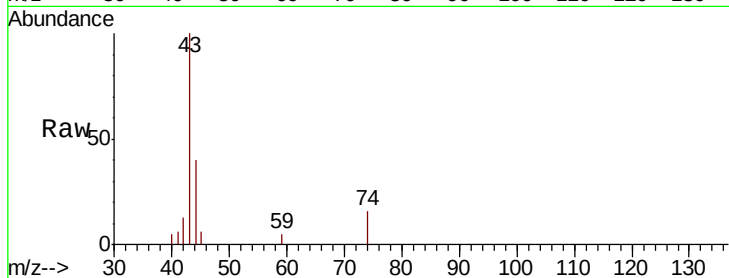
TP-3

Tot Ion: 43 Resp: 5822

Ion Ratio Lower Upper

43 100

74 15.8 14.9 22.3



#20

Methylene Chloride

Concen: 29.671 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027927.D

Acq: 02 Nov 2018 15:38

Tgt Ion: 84 Resp: 75873

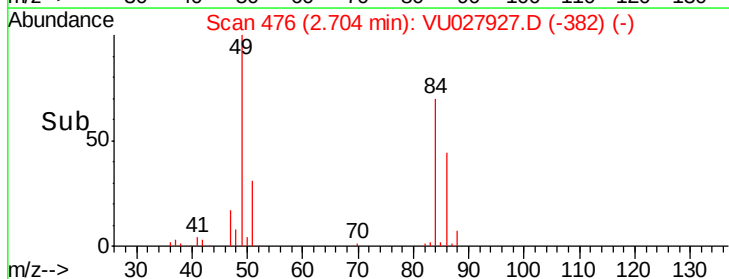
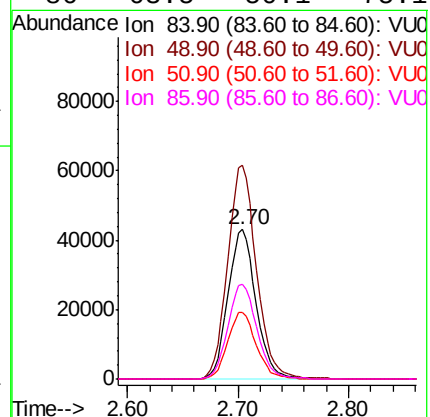
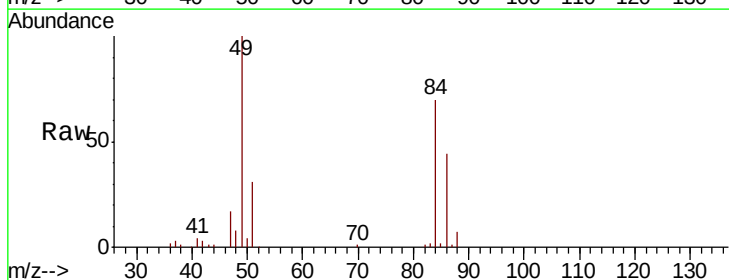
Ion Ratio Lower Upper

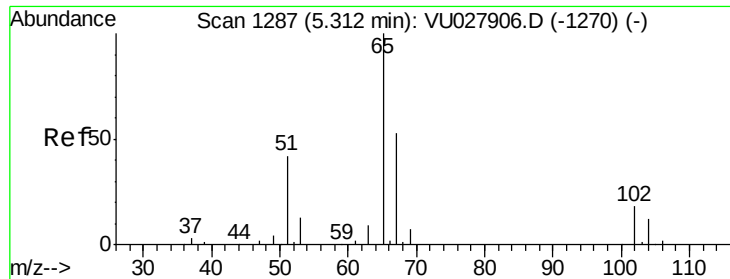
84 100

49 143.1 111.6 167.4

51 44.9 34.8 52.2

86 63.5 50.1 75.1

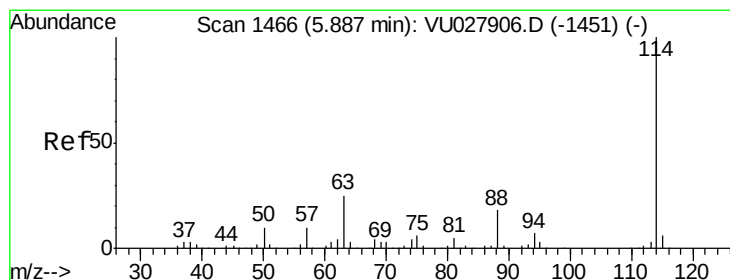
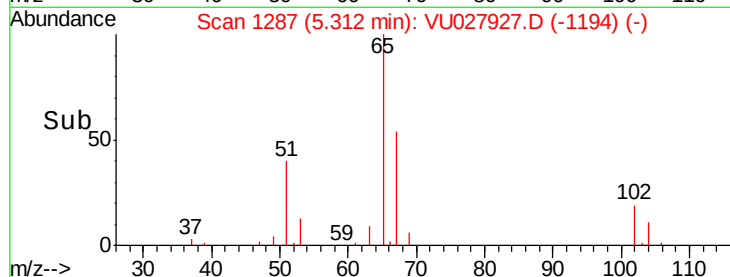
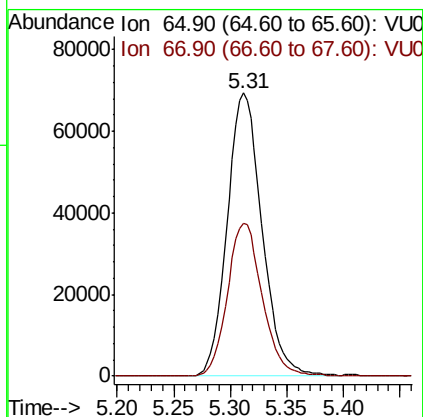
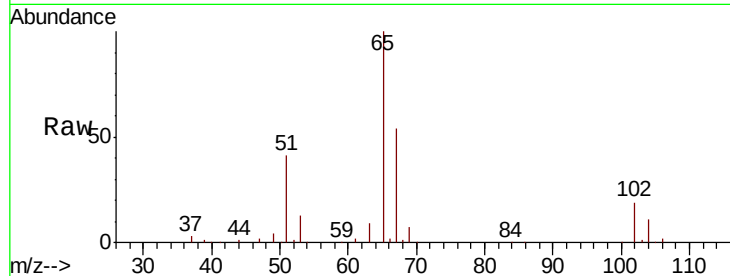




#33
 1,2-Dichloroethane-d4
 Concen: 52.700 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027927.D
 Acq: 02 Nov 2018 15:38

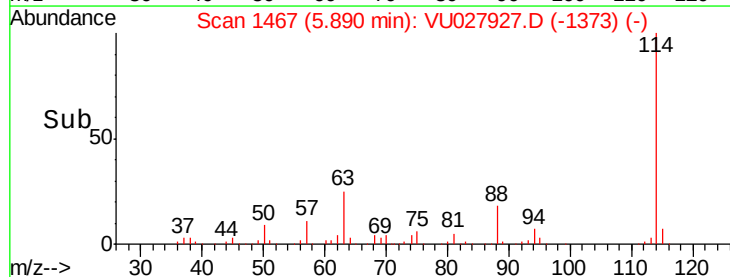
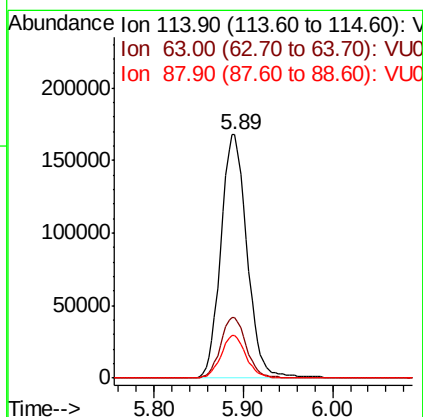
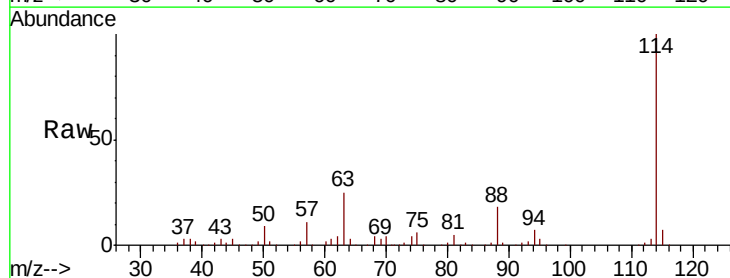
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

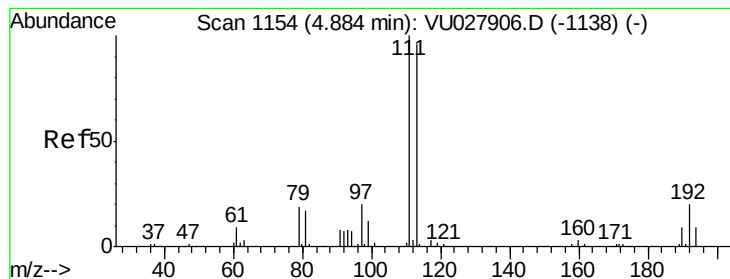
Tot Ion: 65 Resp: 148762
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027927.D
 Acq: 02 Nov 2018 15:38

Tgt Ion: 114 Resp: 341765
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.8
 88 17.5 0.0 35.8





#35

Dibromofluoromethane

Concen: 51.320 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027927.D

Acq: 02 Nov 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

TP-3

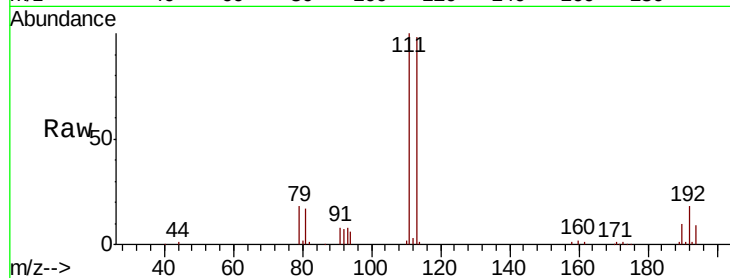
Tot Ion:113 Resp: 110588

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.6

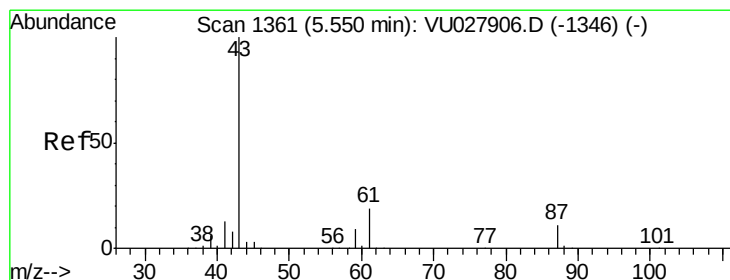
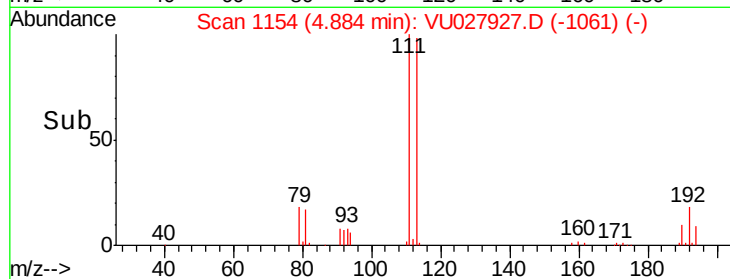
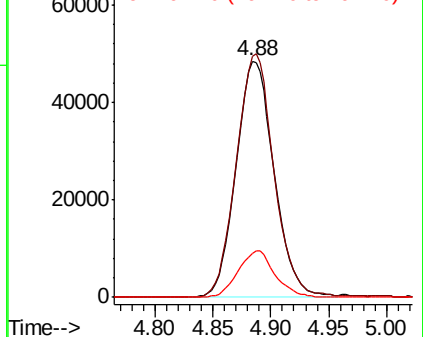
192 19.1 15.6 23.4



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: 24.760 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027927.D

Acq: 02 Nov 2018 15:38

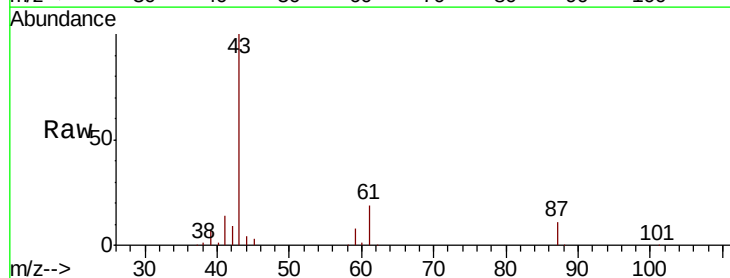
Tgt Ion: 43 Resp: 203446

Ion Ratio Lower Upper

43 100

61 19.0 15.0 22.4

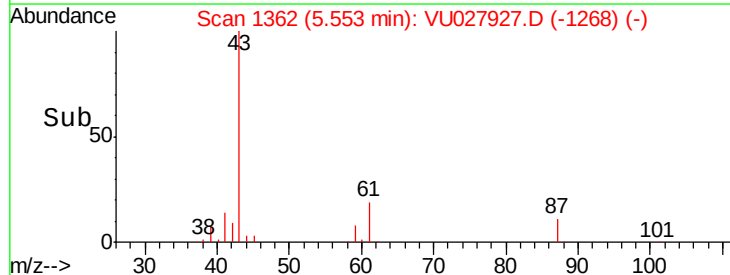
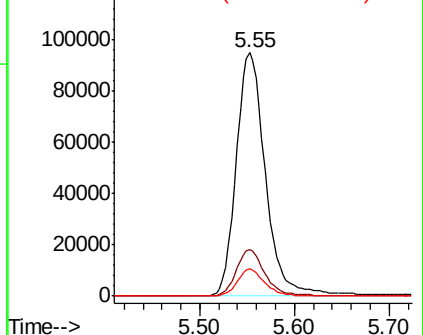
87 10.5 8.6 12.8

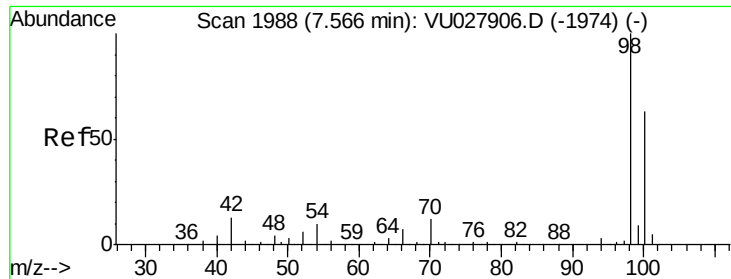


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

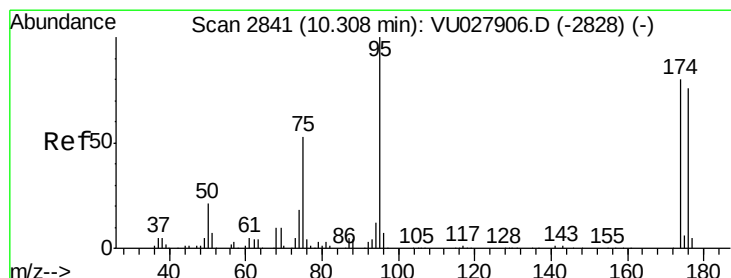
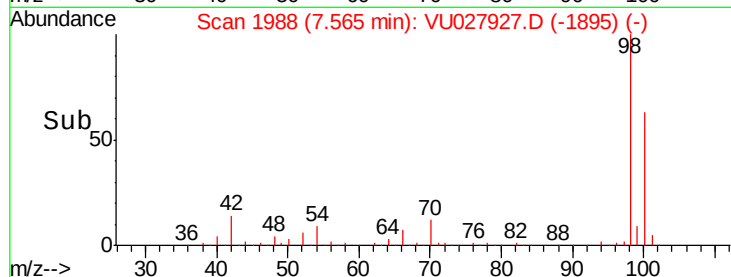
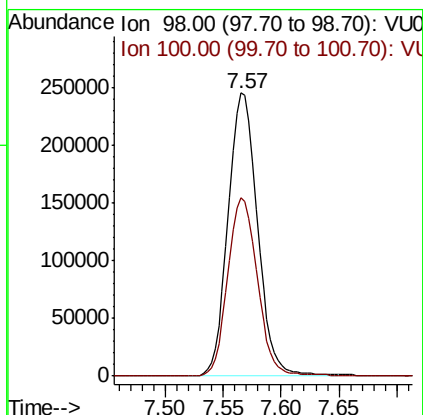
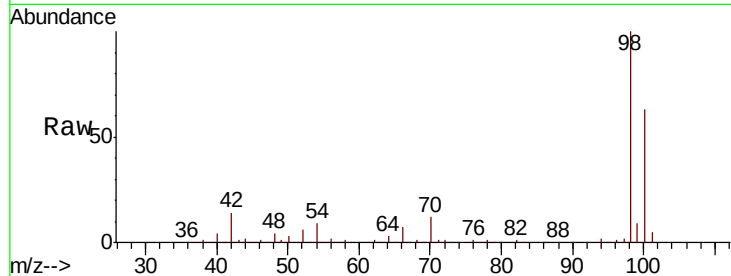




#50
Toluene-d8
Concen: 51.777 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027927.D
Acq: 02 Nov 2018 15:38

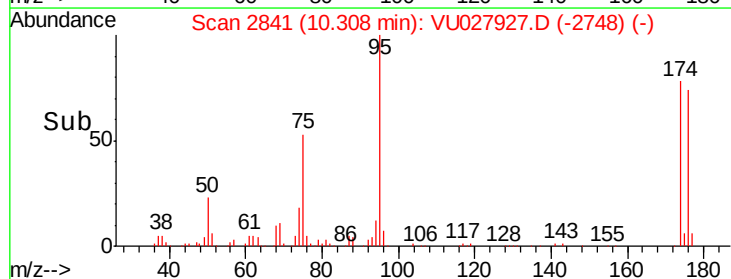
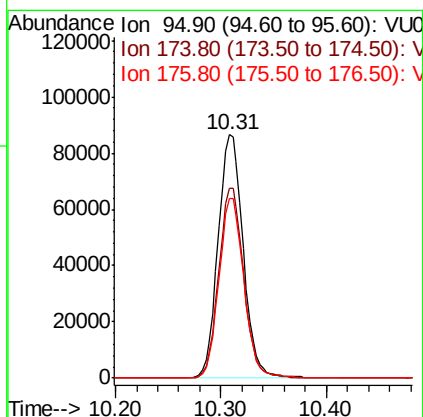
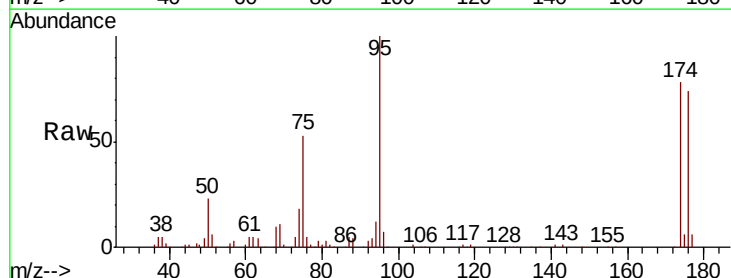
Instrument :
MSVOA_U
ClientSampled :
TP-3

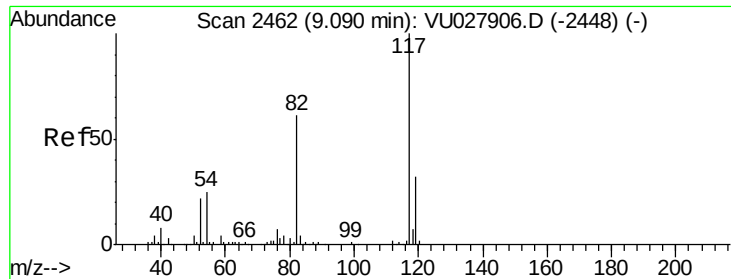
Tot Ion: 98 Resp: 430995
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.498 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027927.D
Acq: 02 Nov 2018 15:38

Tgt Ion: 95 Resp: 142762
Ion Ratio Lower Upper
95 100
174 77.3 0.0 156.4
176 73.3 0.0 150.8

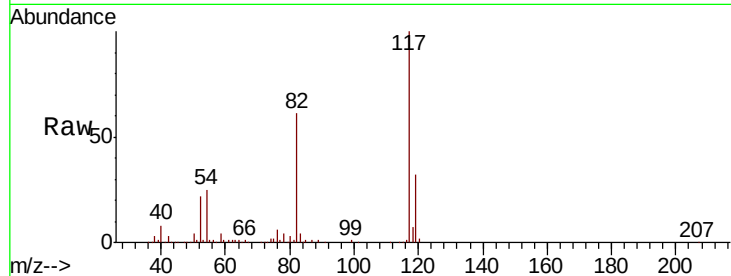




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027927.D
Acq: 02 Nov 2018 15:38

Instrument :
MSVOA_U
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	48.6	73.0
119	31.8	25.8	38.8

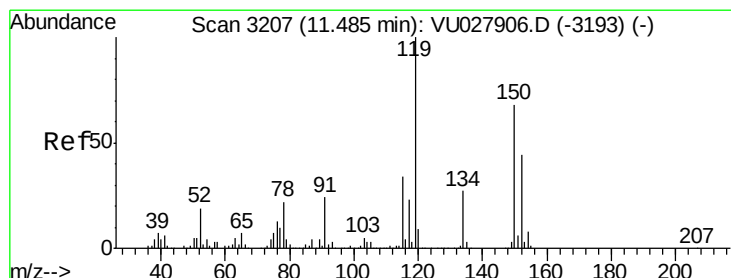
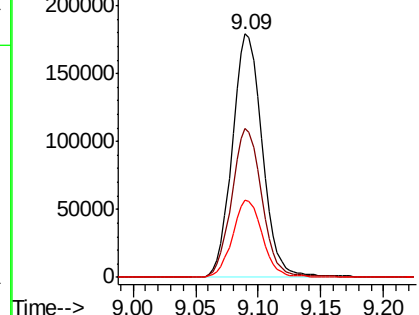
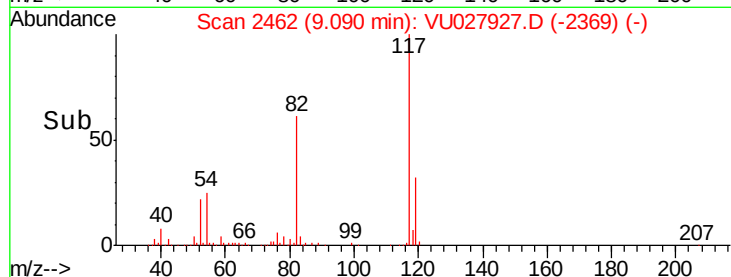


Abundance

Ion 116.90 (116.60 to 117.60): V

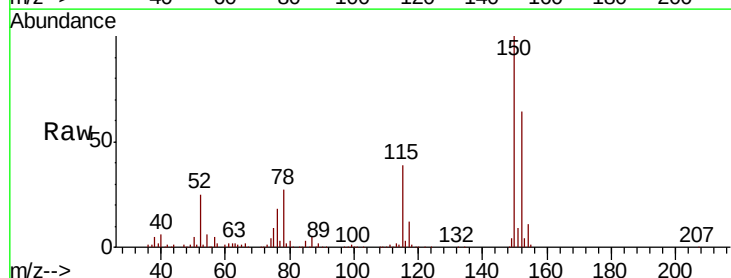
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027927.D
Acq: 02 Nov 2018 15:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	43.0	129.0
150	156.1	0.0	349.4

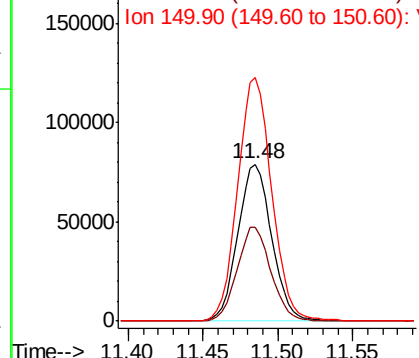
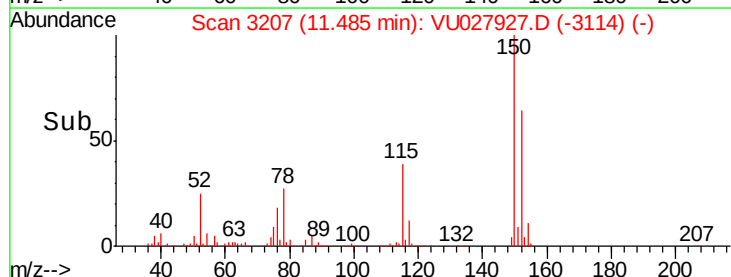


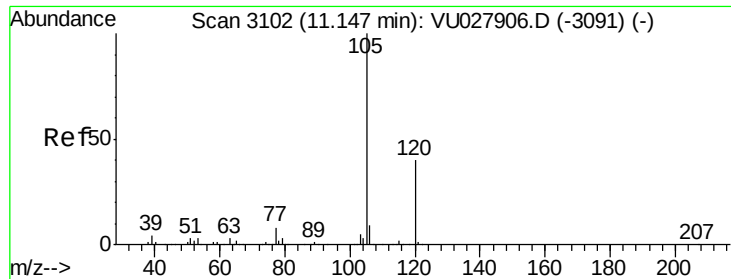
Abundance

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

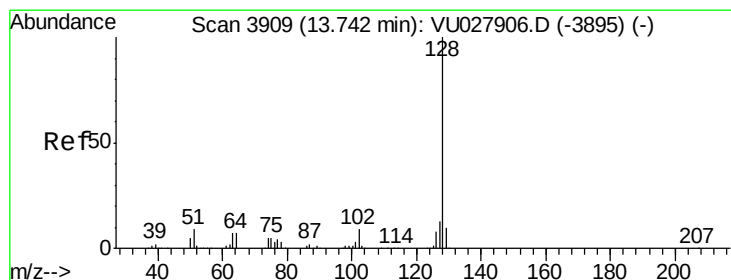
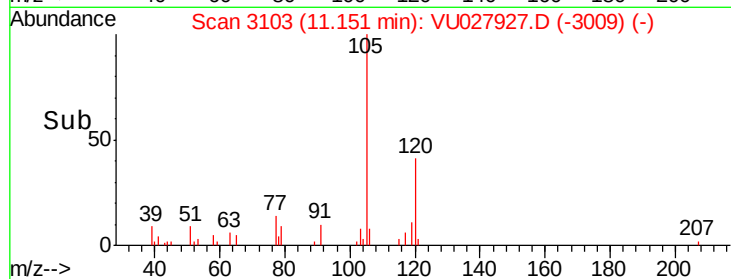
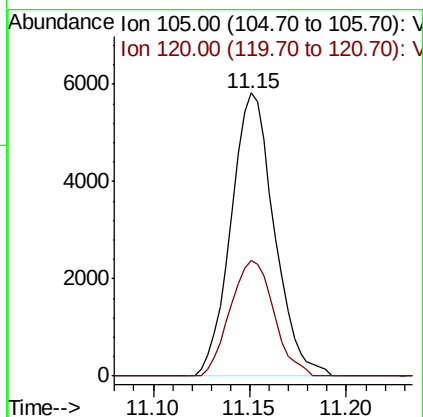
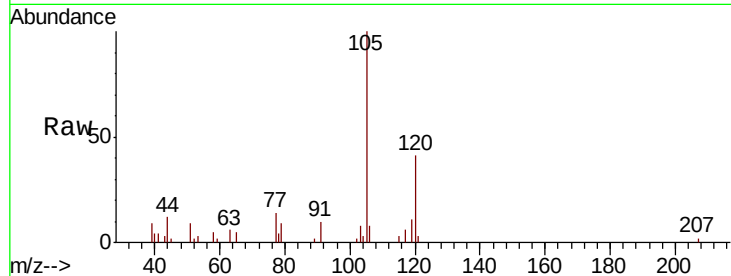




#84
 1,2,4-Trimethylbenzene
 Concen: 1.123 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027927.D
 Acq: 02 Nov 2018 15:38

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

Tot Ion:105 Resp: 9036
 Ion Ratio Lower Upper
 105 100
 120 41.3 22.1 66.1



#95
 Naphthalene
 Concen: 4.288 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027927.D
 Acq: 02 Nov 2018 15:38

Tgt Ion:128 Resp: 45488
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 11.0 8.3 12.5

