

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
 Data File : VU027931.D
 Acq On : 02 Nov 2018 17:12
 Operator : MD/SY
 Sample : J5759-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4

Quant Time: Nov 03 05:49:14 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

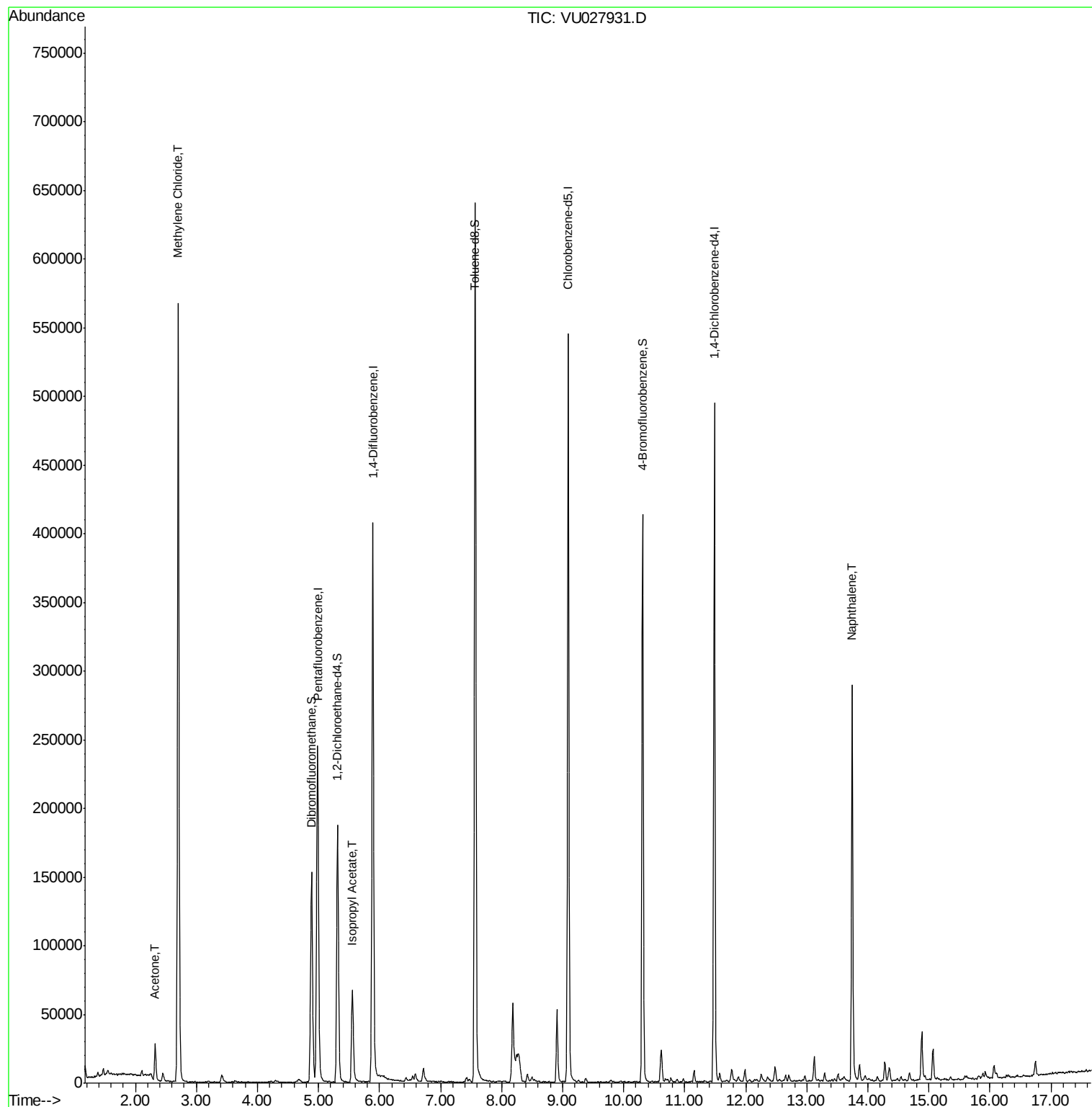
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	334326	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	118557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	142331	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
35) Dibromofluoromethane	4.89	113	106149	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	7.57	98	419160	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	10.31	95	138734	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
16) Acetone	2.32	43	27423	15.809	ug/l	97
20) Methylene Chloride	2.70	84	236303	93.301	ug/l	99
43) Isopropyl Acetate	5.56	43	85483	10.635	ug/l	100
95) Naphthalene	13.74	128	219536	22.475	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027931.D

Acq: 02 Nov 2018 17:12

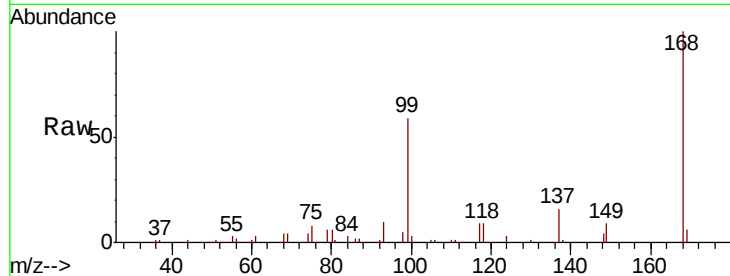
Instrument :
MSVOA_U
ClientSampleId :
TP-4

Tot Ion:168 Resp: 188050

Ion Ratio Lower Upper

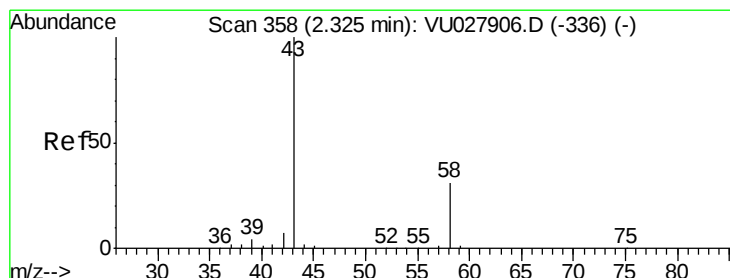
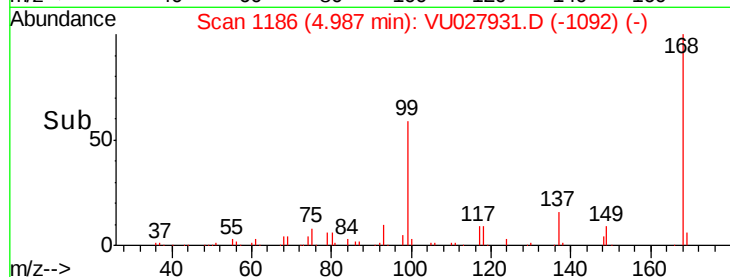
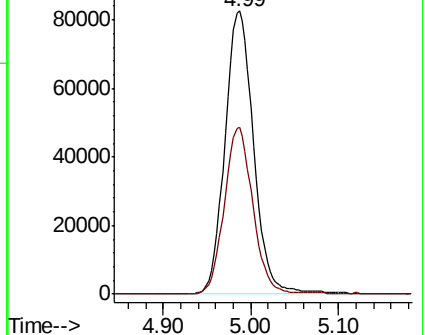
168 100

99 59.0 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) (-)



#16

Acetone

Concen: 15.809 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027931.D

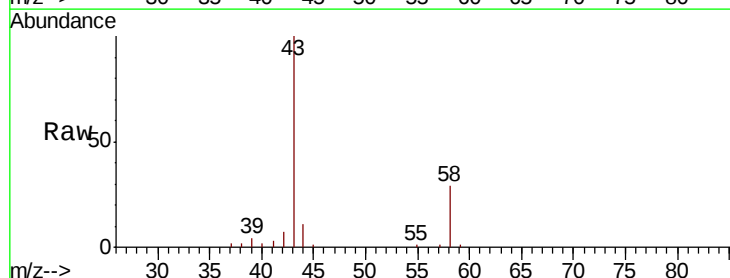
Acq: 02 Nov 2018 17:12

Tgt Ion: 43 Resp: 27423

Ion Ratio Lower Upper

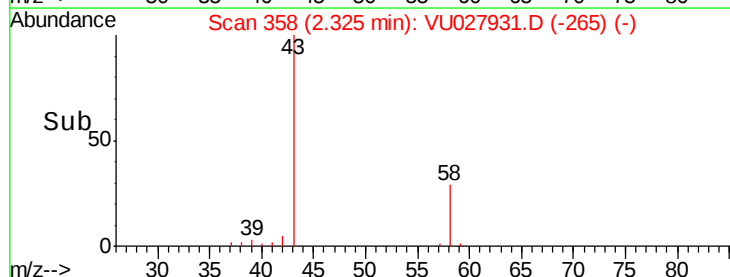
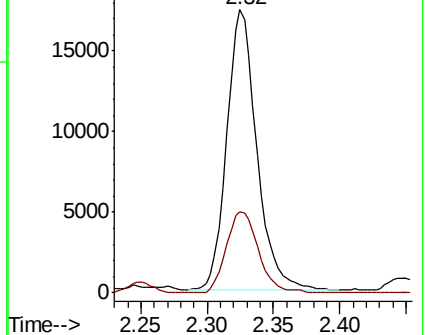
43 100

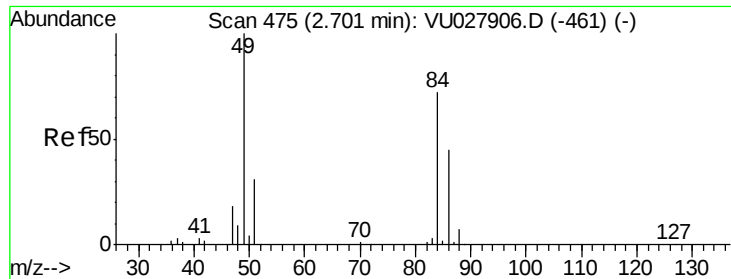
58 29.1 24.6 37.0



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

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

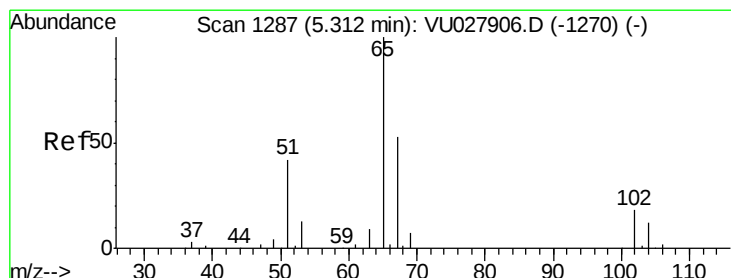
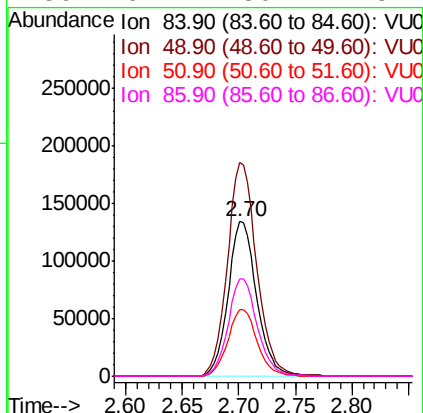
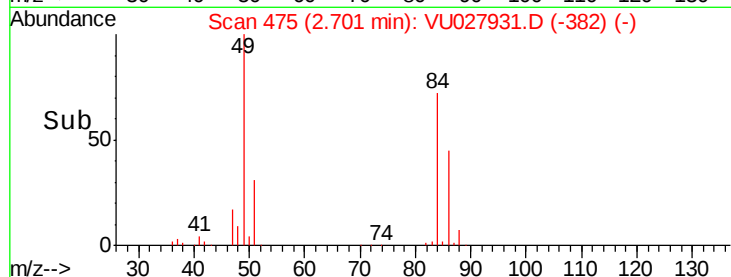
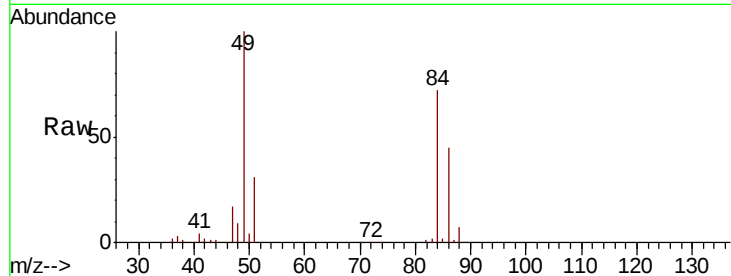




#20
Methylene Chloride
Concen: 93.301 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027931.D
Acq: 02 Nov 2018 17:12

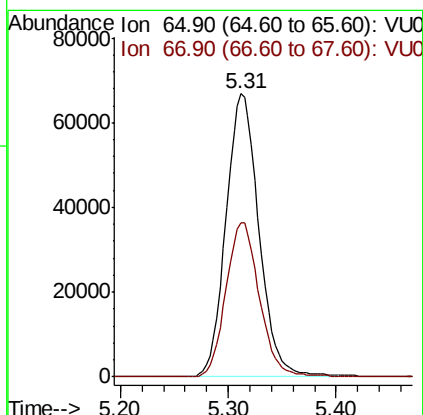
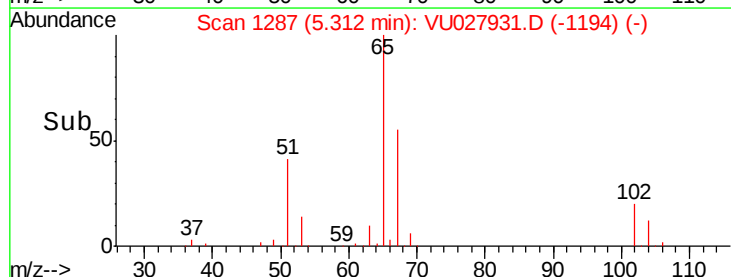
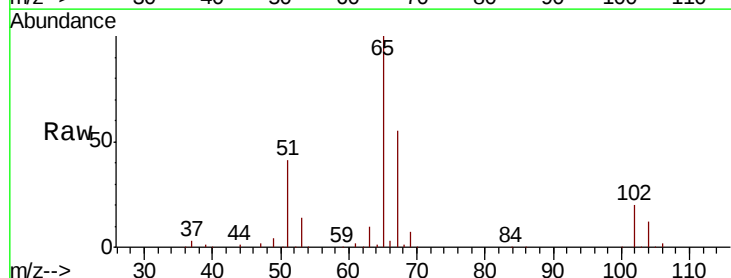
Instrument :
MSVOA_U
ClientSampled :
TP-4

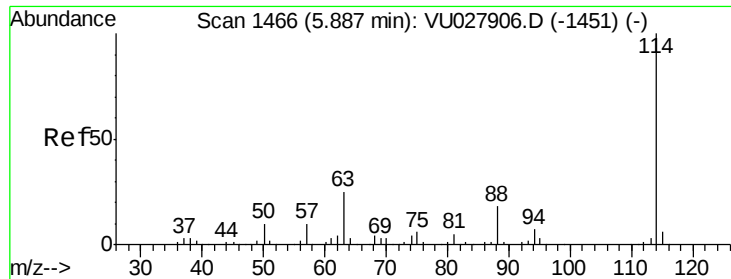
Tot Ion: 84 Resp: 236303
Ion Ratio Lower Upper
84 100
49 138.2 111.6 167.4
51 42.8 34.8 52.2
86 62.7 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 50.908 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027931.D
Acq: 02 Nov 2018 17:12

Tgt Ion: 65 Resp: 142331
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0

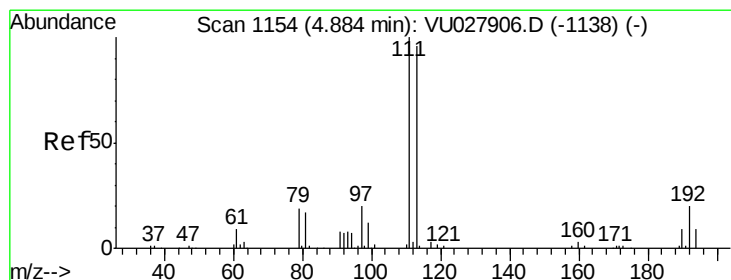
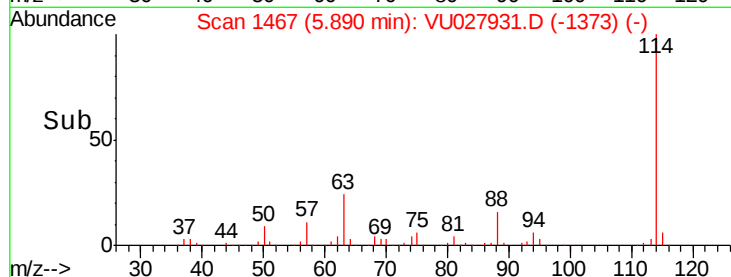
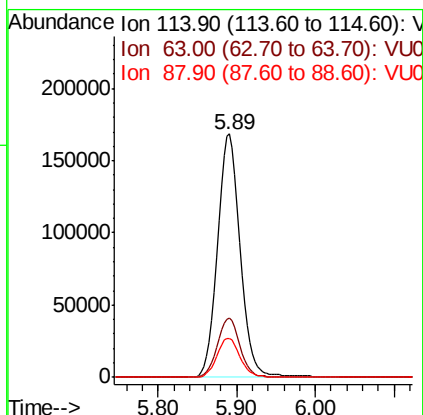
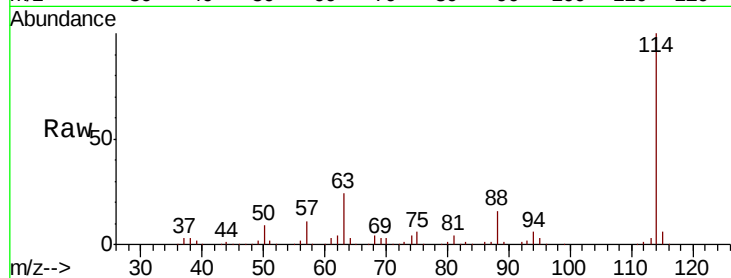




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027931.D
 Acq: 02 Nov 2018 17:12

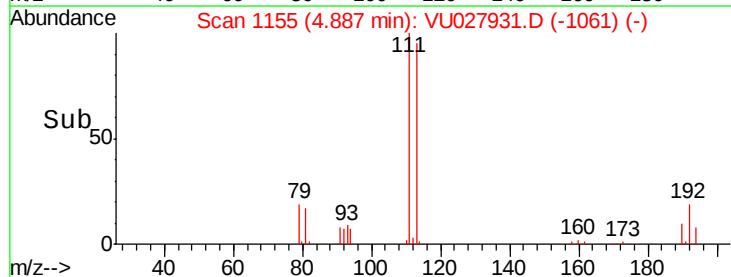
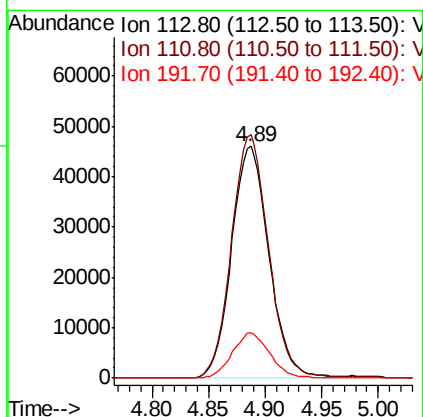
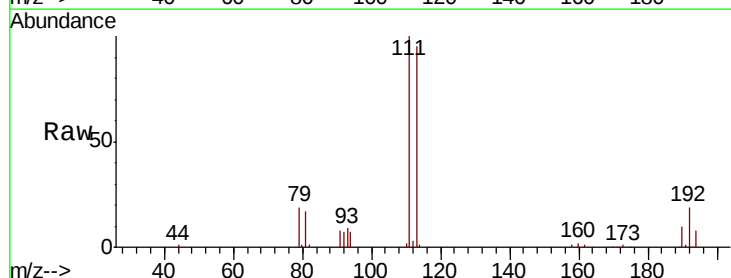
Instrument :
 MSVOA_U
 ClientSampled :
 TP-4

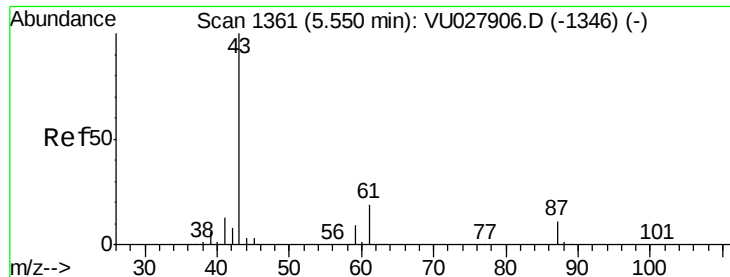
Tot Ion:114 Resp: 334326
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.8
 88 15.9 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 50.356 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027931.D
 Acq: 02 Nov 2018 17:12

Tgt Ion:113 Resp: 106149
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.6
 192 19.4 15.6 23.4

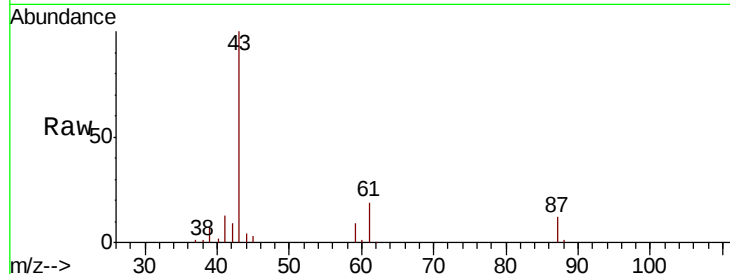




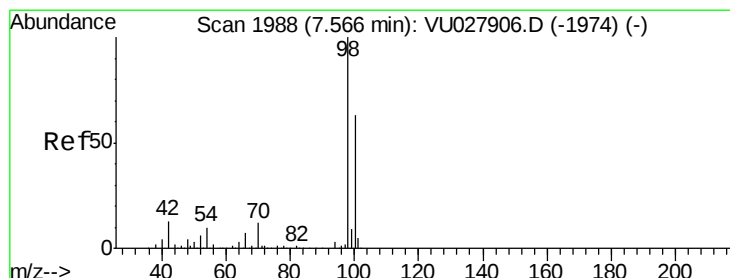
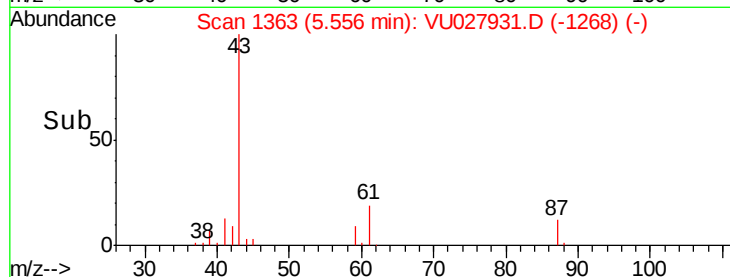
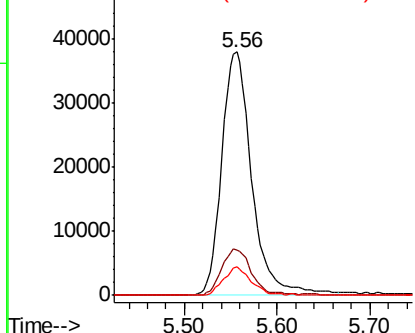
#43
Isopropyl Acetate
Concen: 10.635 ug/l
RT: 5.56 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VU027931.D
Acq: 02 Nov 2018 17:12

Instrument :
MSVOA_U
ClientSampleId :
TP-4

Tot Ion: 43 Resp: 85483
Ion Ratio Lower Upper
43 100
61 18.8 15.0 22.4
87 10.7 8.6 12.8

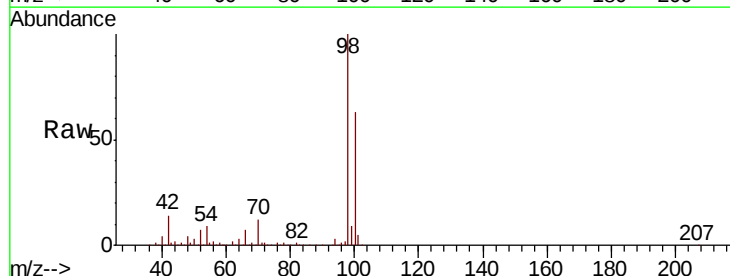


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

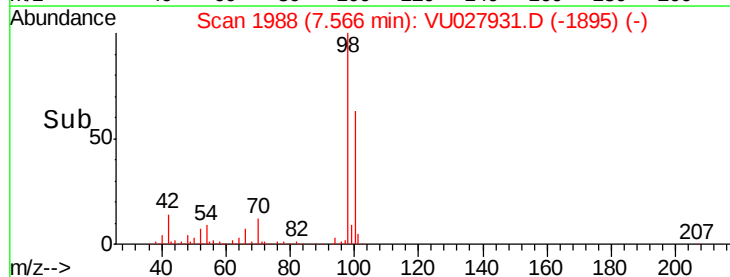
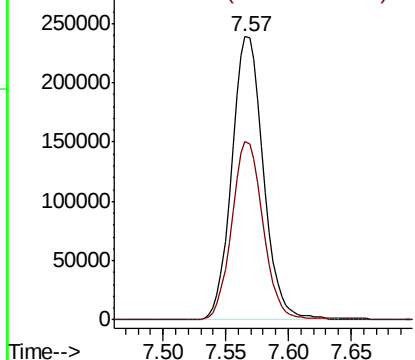


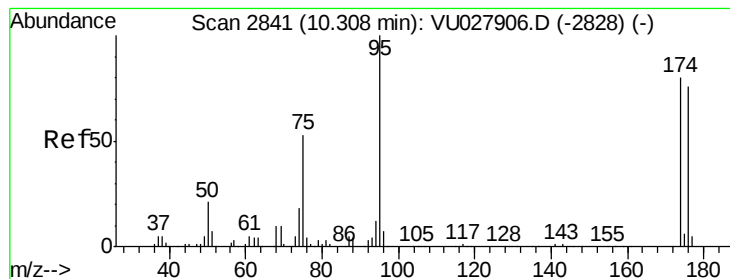
#50
Toluene-d8
Concen: 51.475 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027931.D
Acq: 02 Nov 2018 17:12

Tgt Ion: 98 Resp: 419160
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 46.191 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027931.D

Acq: 02 Nov 2018 17:12

Instrument :

MSVOA_U

ClientSampled :

TP-4

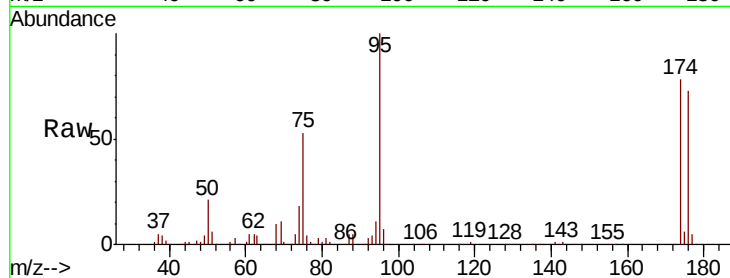
Tot Ion: 95 Resp: 138734

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.4

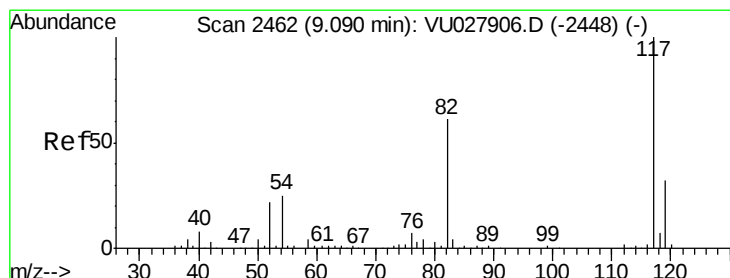
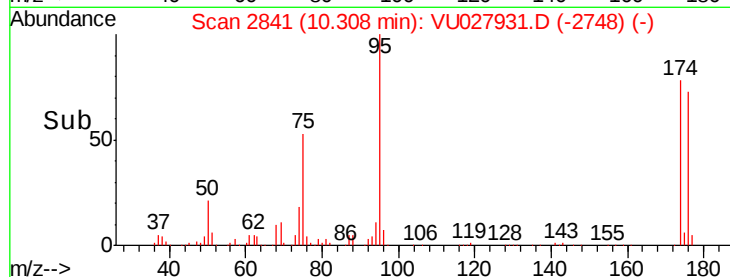
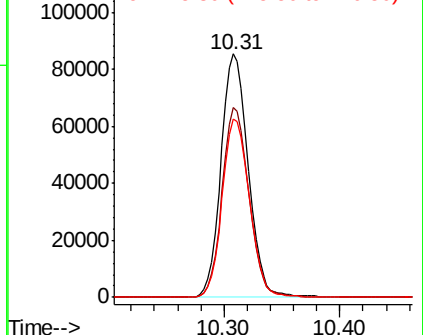
176 73.6 0.0 150.8



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# 2463

Delta R.T. 0.00 min

Lab File: VU027931.D

Acq: 02 Nov 2018 17:12

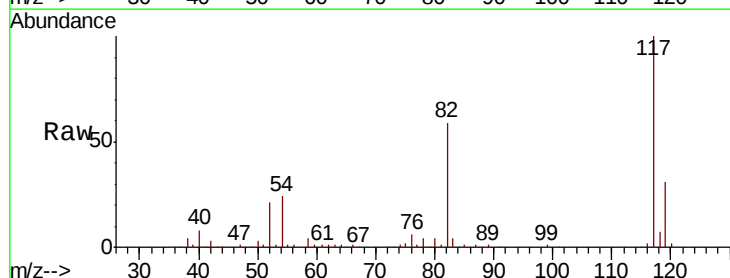
Tgt Ion: 117 Resp: 289835

Ion Ratio Lower Upper

117 100

82 59.2 48.6 73.0

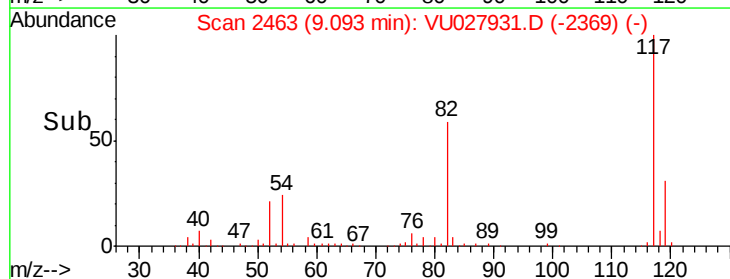
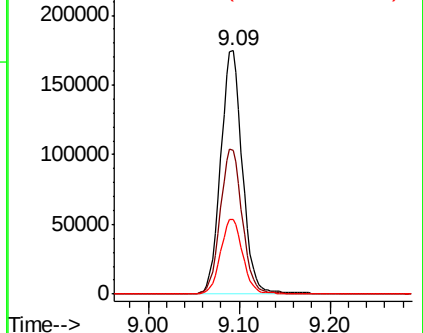
119 30.9 25.8 38.8

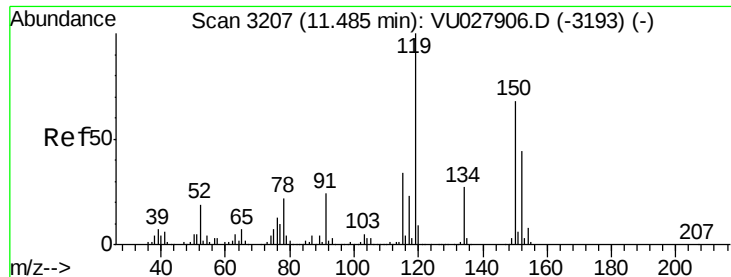


Abundance Ion 116.90 (116.60 to 117.60): V

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: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027931.D

Acq: 02 Nov 2018 17:12

Instrument :

MSVOA_U

ClientSampleId :

TP-4

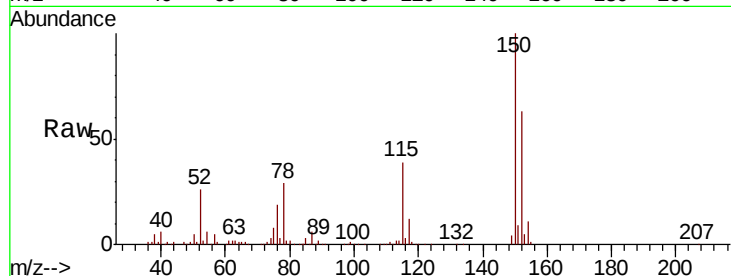
Tot Ion:152 Resp: 118557

Ion Ratio Lower Upper

152 100

115 61.2 43.0 129.0

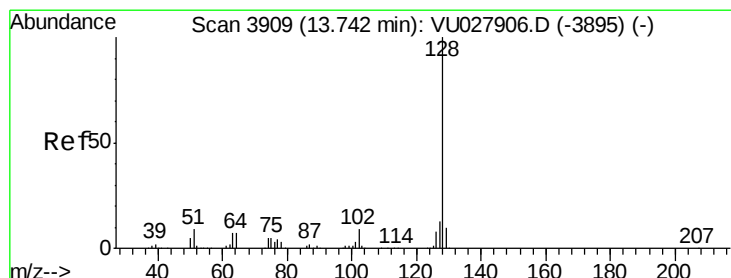
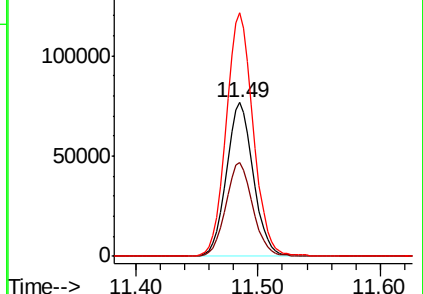
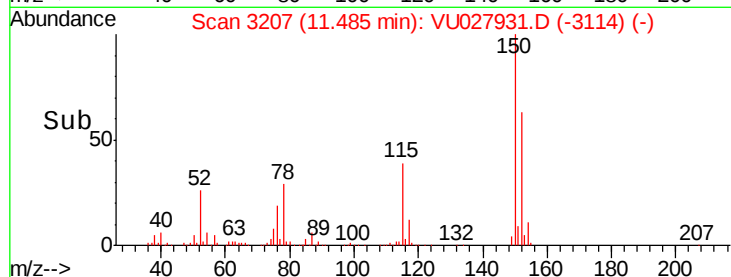
150 159.1 0.0 349.4



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



#95

Naphthalene

Concen: 22.475 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027931.D

Acq: 02 Nov 2018 17:12

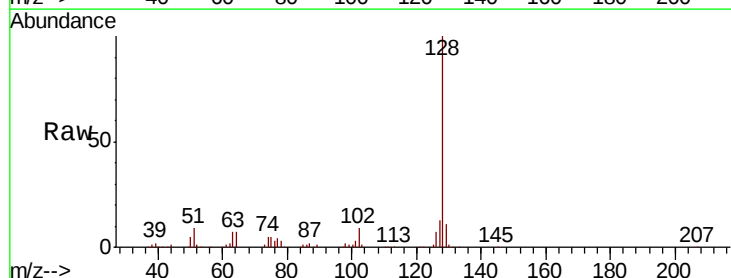
Tgt Ion:128 Resp: 219536

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.7 8.3 12.5



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

