

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
 Data File : VU027935.D
 Acq On : 02 Nov 2018 18:46
 Operator : MD/SY
 Sample : J5755-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-2A-D

Quant Time: Nov 03 05:59:01 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

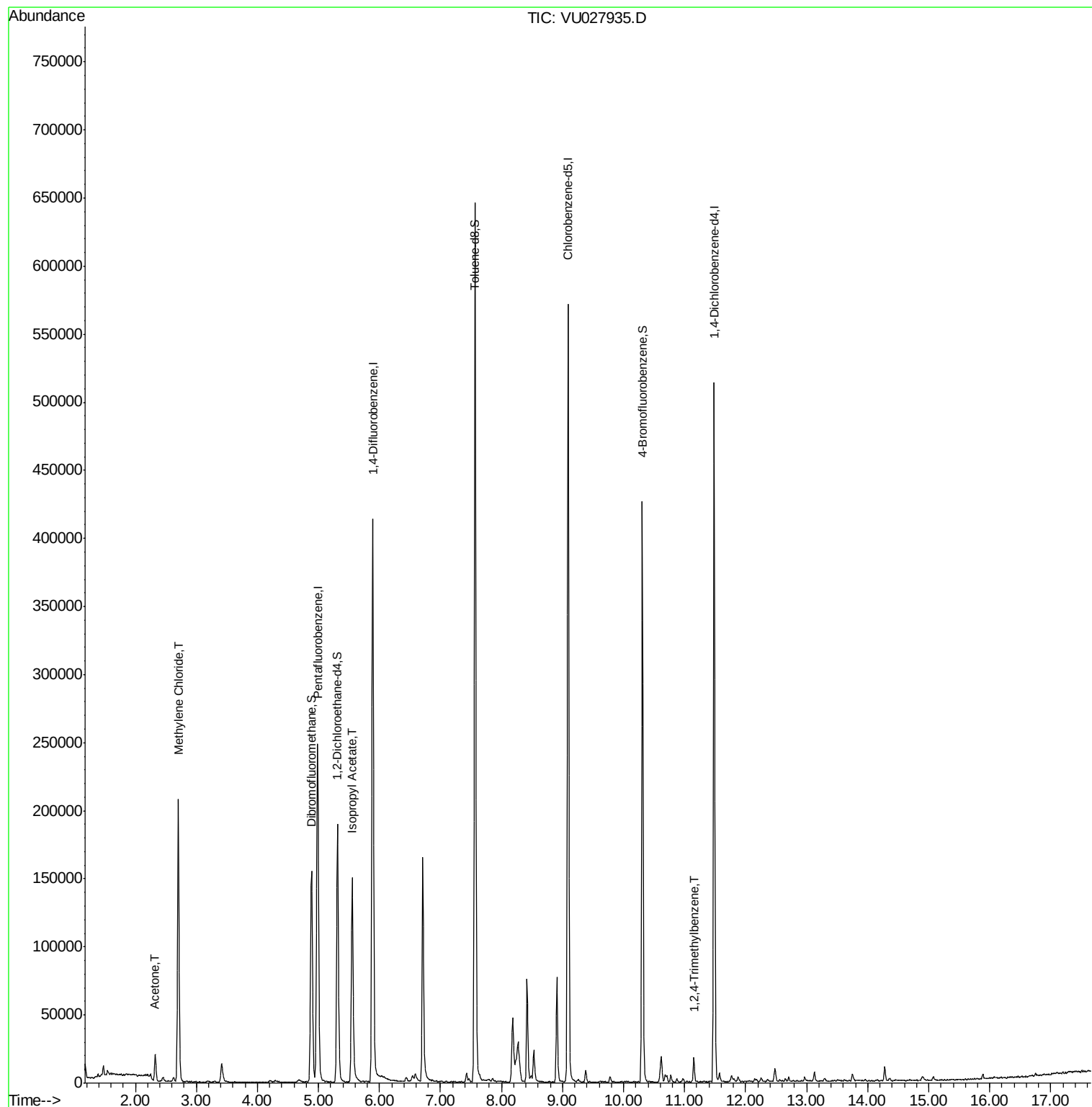
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	190709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	337081	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	297976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	124899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	148115	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
35) Dibromofluoromethane	4.89	113	108239	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	7.57	98	425433	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	10.31	95	140436	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
16) Acetone	2.32	43	19984	11.360	ug/l	98
20) Methylene Chloride	2.70	84	84581	32.930	ug/l	99
43) Isopropyl Acetate	5.55	43	182527	22.523	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	10184	1.262	ug/l	99

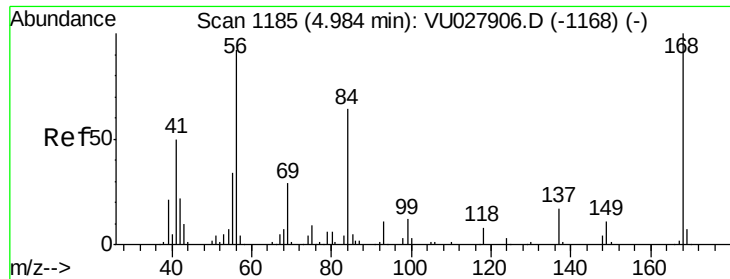
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027935.D

Acq: 02 Nov 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

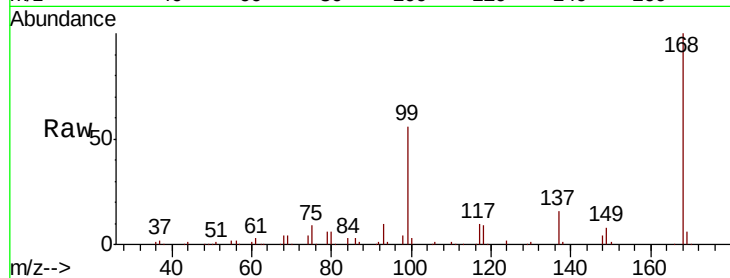
TP-2A-D

Tot Ion:168 Resp: 190709

Ion Ratio Lower Upper

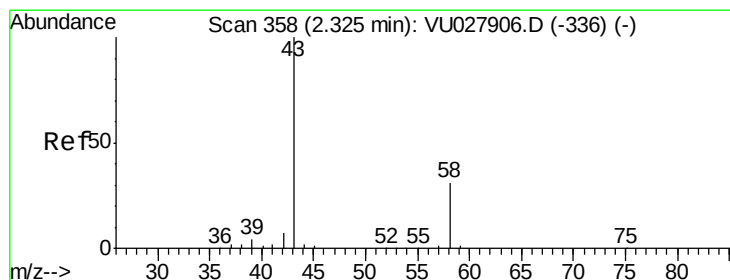
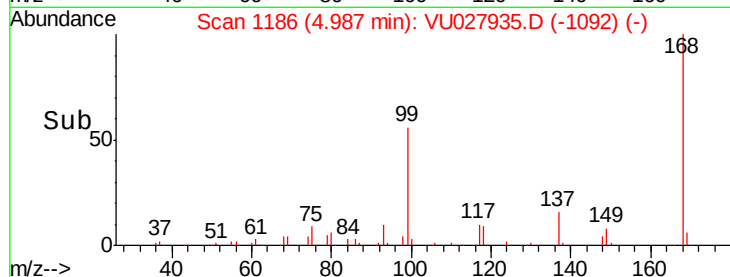
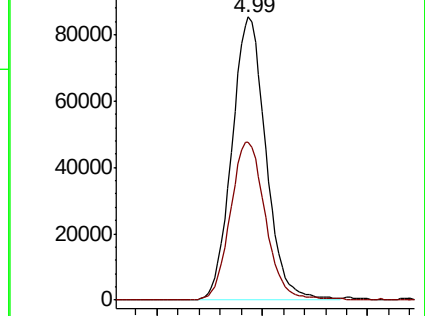
168 100

99 56.0 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027935.D (-1092) (-)



#16

Acetone

Concen: 11.360 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027935.D

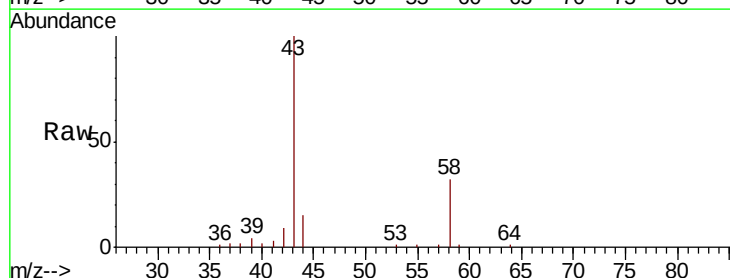
Acq: 02 Nov 2018 18:46

Tgt Ion: 43 Resp: 19984

Ion Ratio Lower Upper

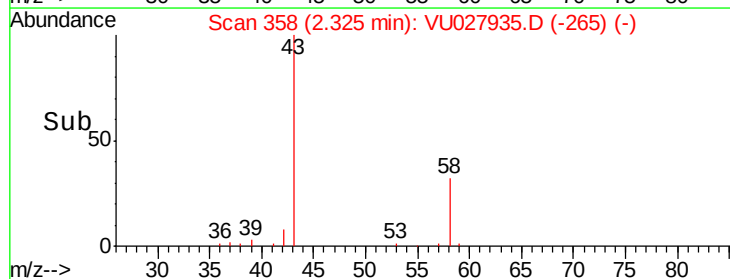
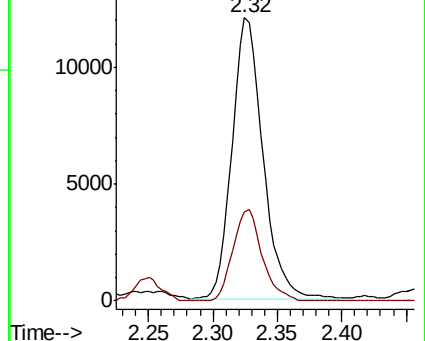
43 100

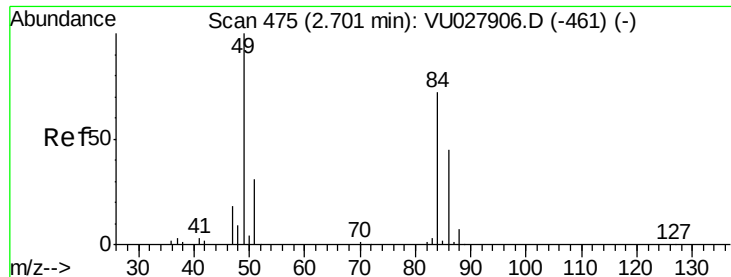
58 31.9 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU027935.D (-265) (-)

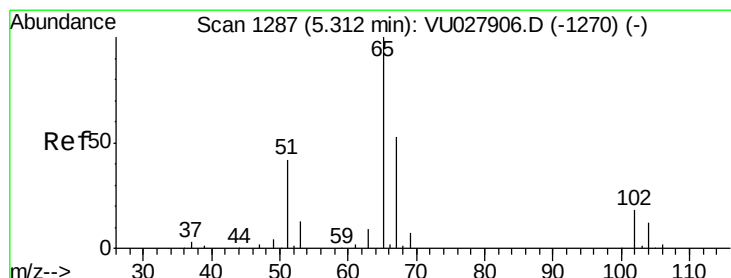
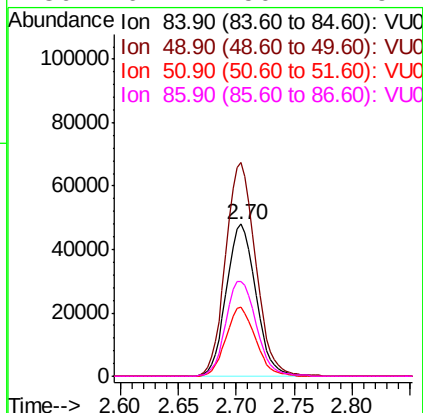
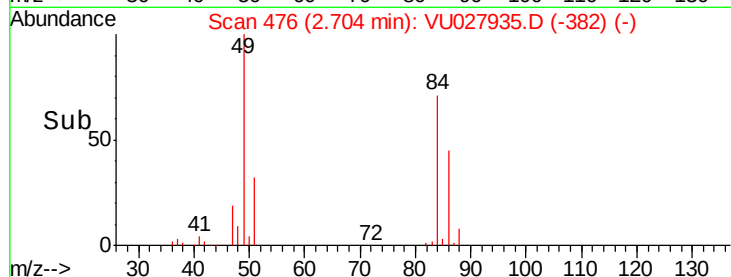
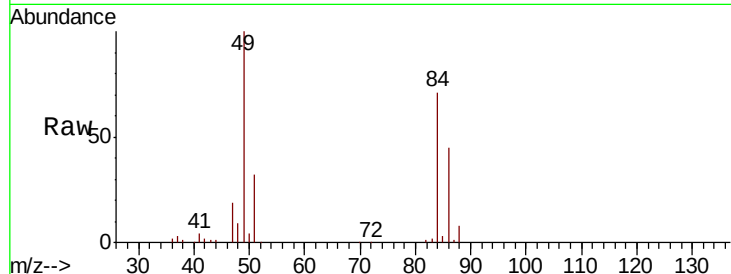




#20
Methylene Chloride
Concen: 32.930 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027935.D
Acq: 02 Nov 2018 18:46

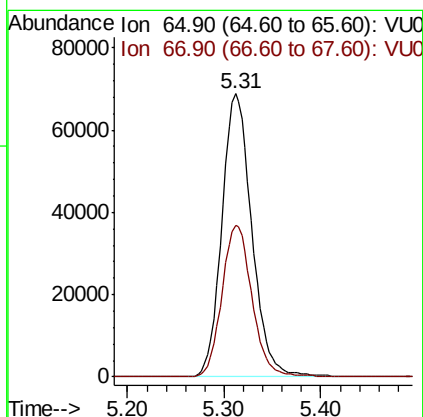
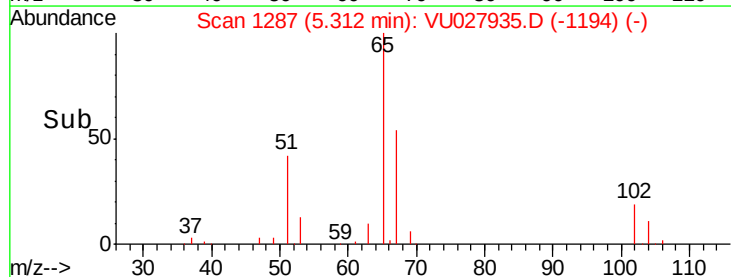
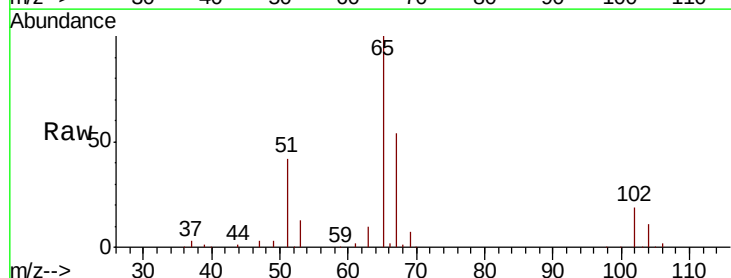
Instrument :
MSVOA_U
ClientSampleId :
TP-2A-D

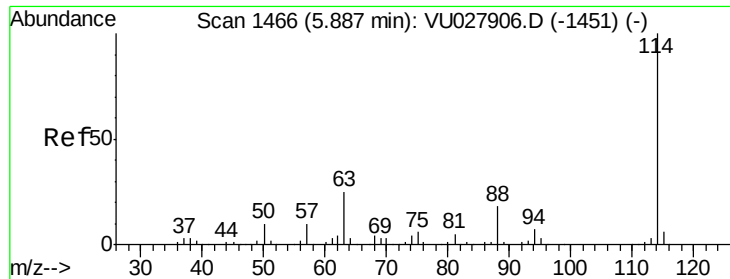
Tot Ion: 84 Resp: 84581
Ion Ratio Lower Upper
84 100
49 140.8 111.6 167.4
51 45.5 34.8 52.2
86 62.7 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 52.238 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027935.D
Acq: 02 Nov 2018 18:46

Tgt Ion: 65 Resp: 148115
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0

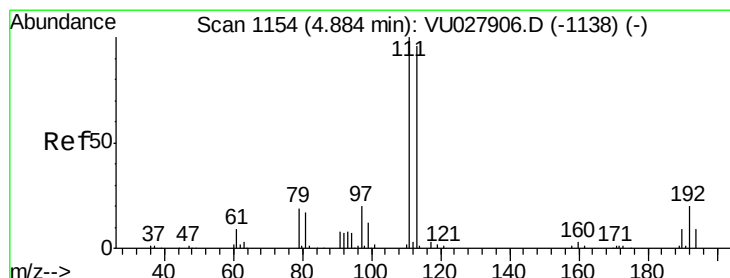
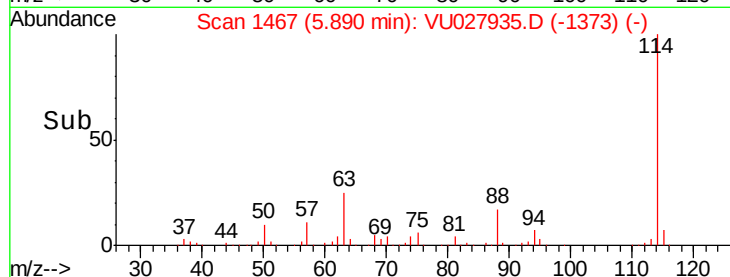
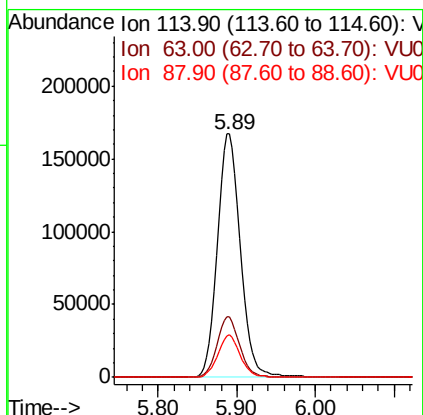
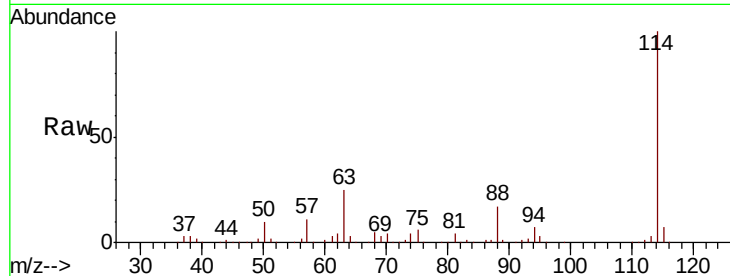




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027935.D
 Acq: 02 Nov 2018 18:46

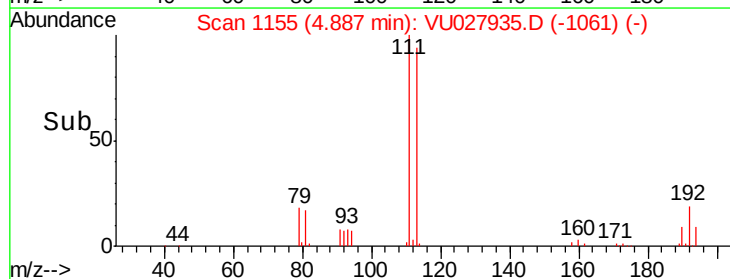
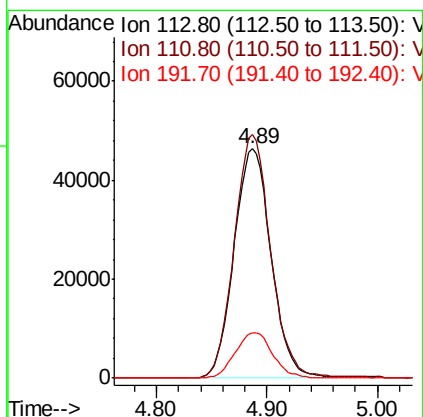
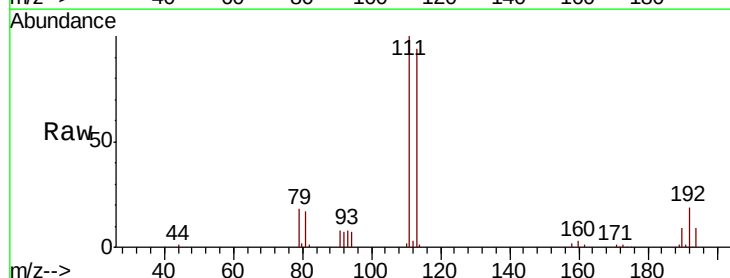
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-2A-D

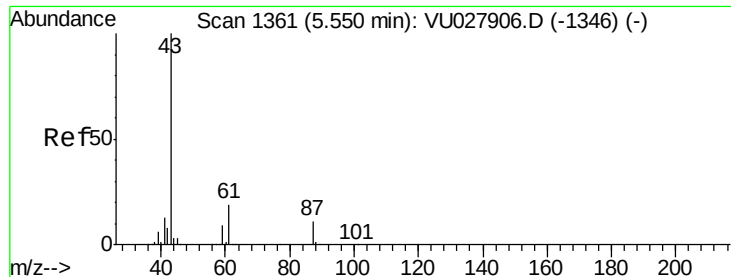
Tot Ion:114 Resp: 337081
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.8
 88 17.3 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 50.928 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027935.D
 Acq: 02 Nov 2018 18:46

Tgt Ion:113 Resp: 108239
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.0 124.6
 192 19.9 15.6 23.4

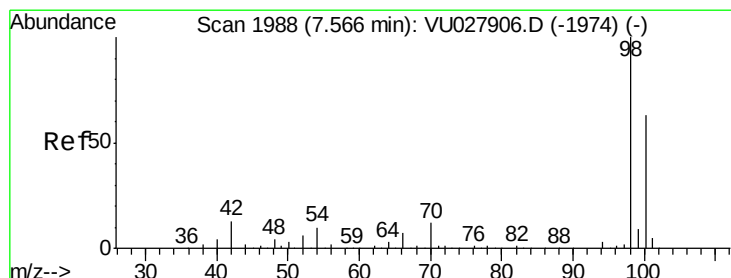
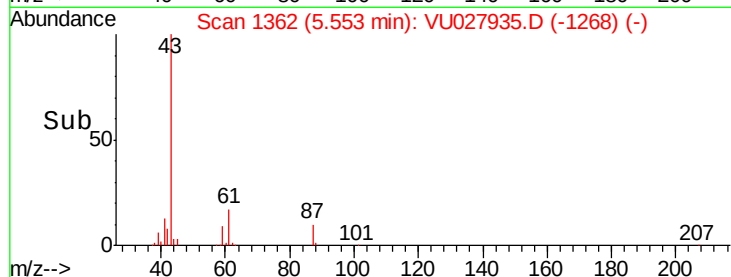
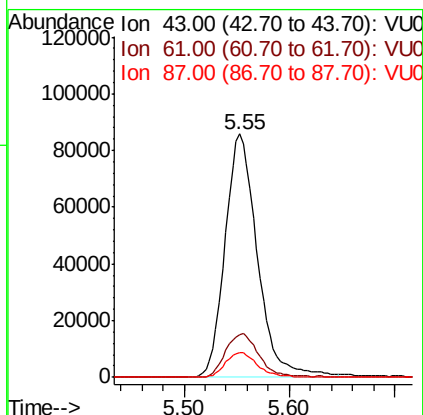
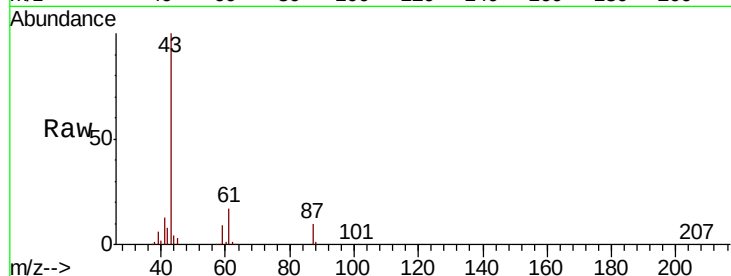




#43
Isopropyl Acetate
Concen: 22.523 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027935.D
Acq: 02 Nov 2018 18:46

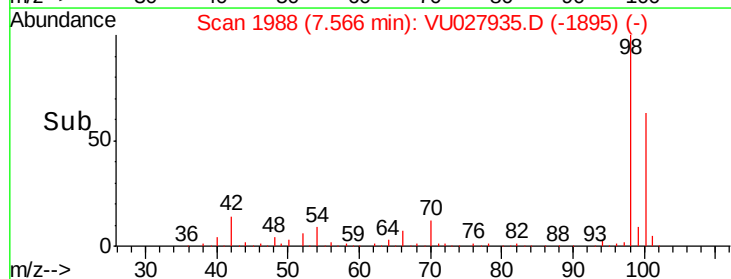
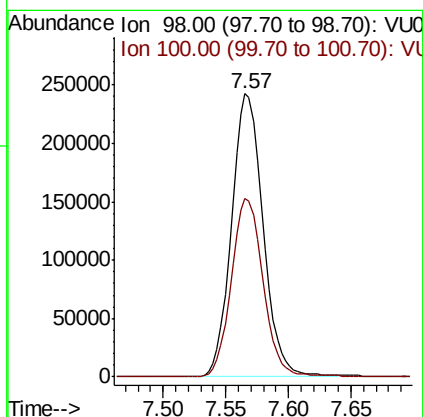
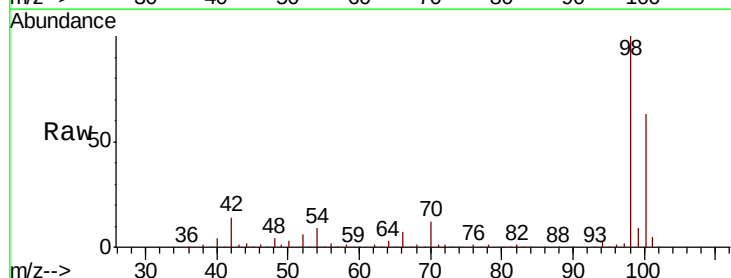
Instrument :
MSVOA_U
ClientSampleId :
TP-2A-D

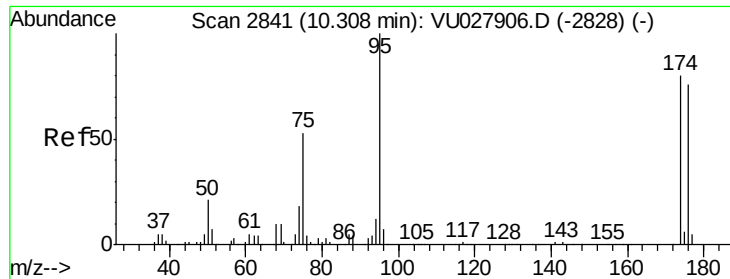
Tot Ion: 43 Resp: 182527
Ion Ratio Lower Upper
43 100
61 18.6 15.0 22.4
87 10.1 8.6 12.8



#50
Toluene-d8
Concen: 51.819 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027935.D
Acq: 02 Nov 2018 18:46

Tgt Ion: 98 Resp: 425433
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

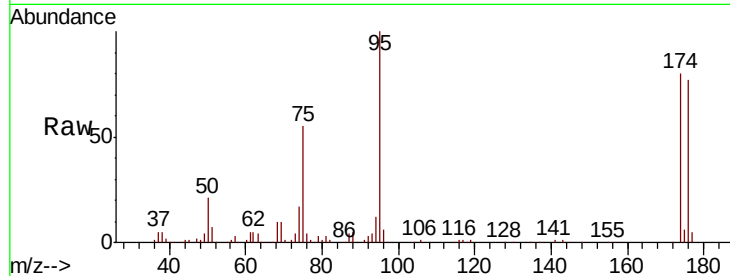




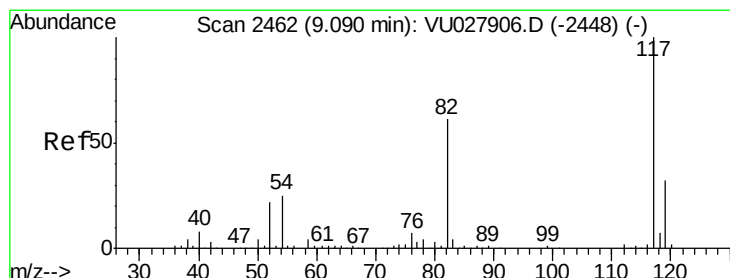
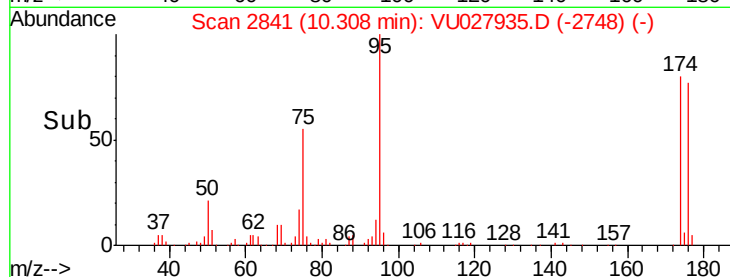
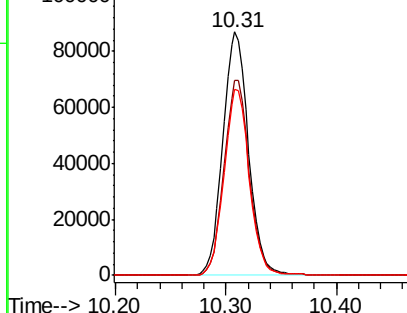
#62
4-Bromofluorobenzene
Concen: 46.376 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027935.D
Acq: 02 Nov 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
TP-2A-D

Tot Ion: 95 Resp: 140436
Ion Ratio Lower Upper
95 100
174 79.4 0.0 156.4
176 75.0 0.0 150.8

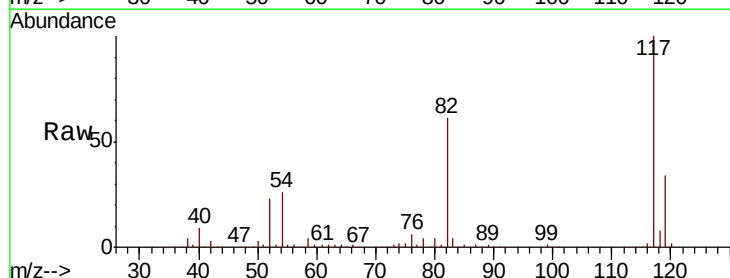


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

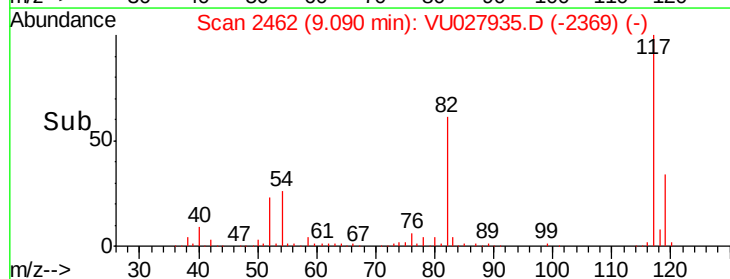
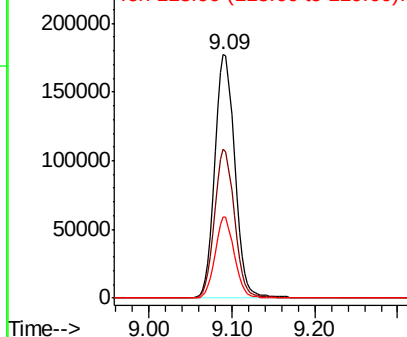


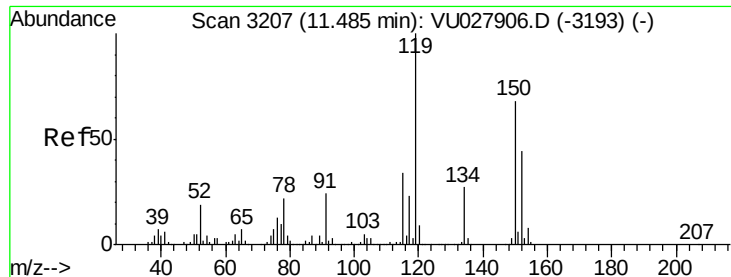
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027935.D
Acq: 02 Nov 2018 18:46

Tgt Ion: 117 Resp: 297976
Ion Ratio Lower Upper
117 100
82 61.0 48.6 73.0
119 33.5 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: VU027935.D

Acq: 02 Nov 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

TP-2A-D

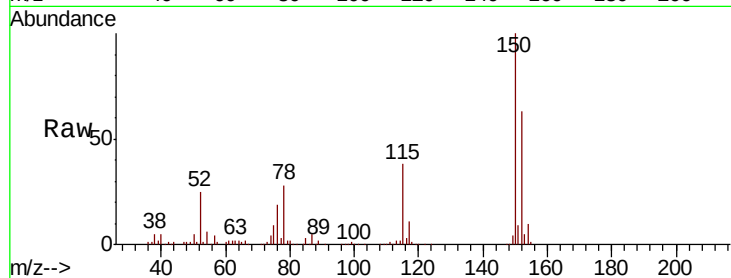
Tot Ion:152 Resp: 124899

Ion Ratio Lower Upper

152 100

115 58.7 43.0 129.0

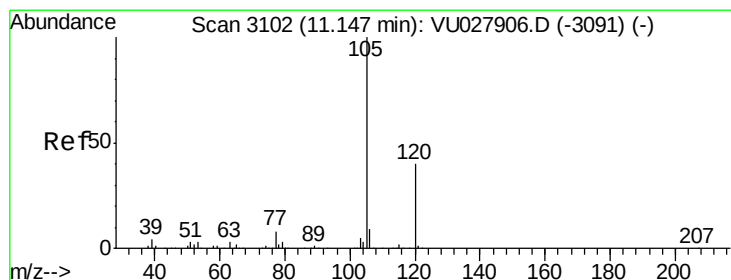
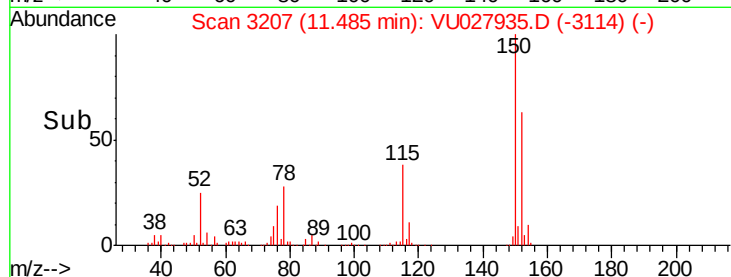
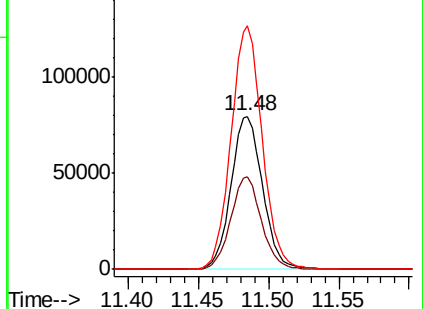
150 157.2 0.0 349.4



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: 1.262 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027935.D

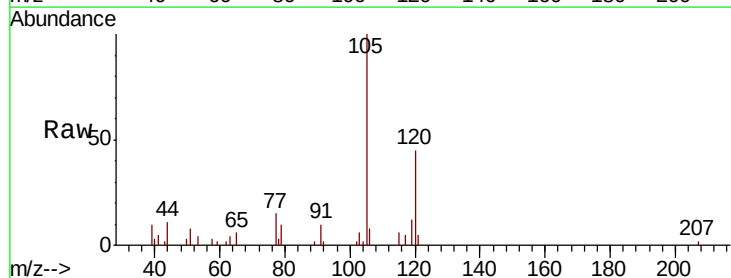
Acq: 02 Nov 2018 18:46

Tgt Ion:105 Resp: 10184

Ion Ratio Lower Upper

105 100

120 44.4 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

