

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027551.D
 Acq On : 10 Oct 2018 02:58
 Operator : MD/SY
 Sample : J5329-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 POND-2

Quant Time: Oct 10 07:40:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

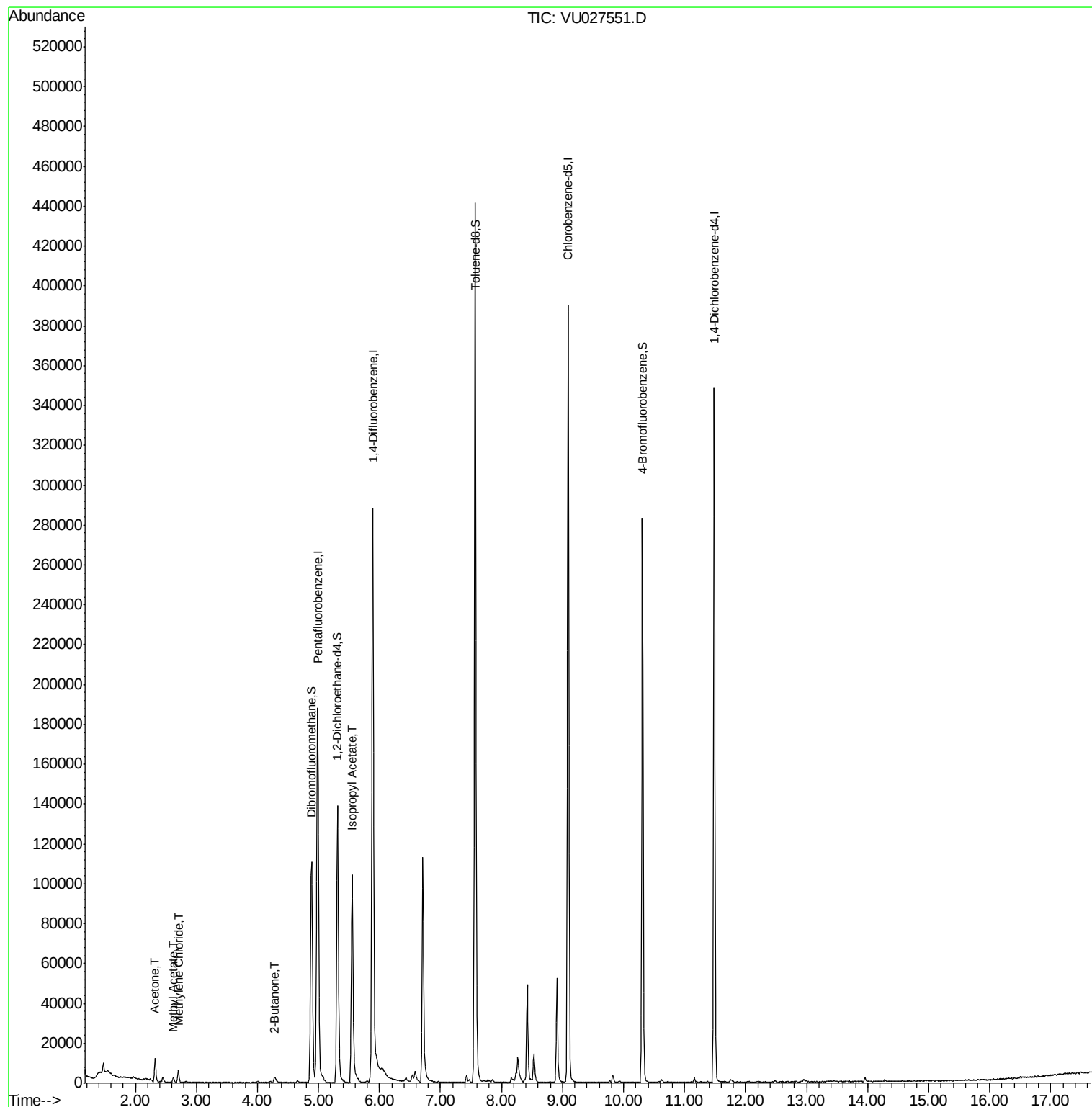
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	143202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	236868	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	206123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	107712	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
35) Dibromofluoromethane	4.89	113	78973	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	7.57	98	294218	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	10.31	95	94210	41.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.44%	
Target Compounds						
16) Acetone	2.32	43	12658	8.961	ug/l	95
18) Methyl Acetate	2.62	43	3140	0.974	ug/l #	91
20) Methylene Chloride	2.70	84	2645	1.344	ug/l	95
25) 2-Butanone	4.29	43	6053	3.142	ug/l	95
43) Isopropyl Acetate	5.55	43	128088	24.812	ug/l	100

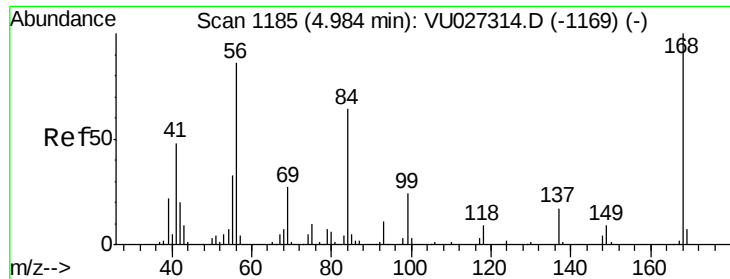
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027551.D

Acq: 10 Oct 2018 02:58

Instrument :

MSVOA_U

ClientSampleId :

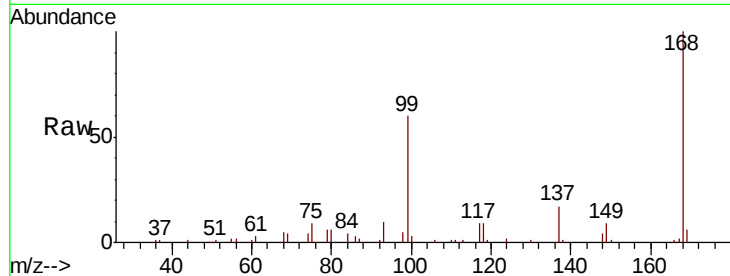
POND-2

Tot Ion:168 Resp: 143202

Ion Ratio Lower Upper

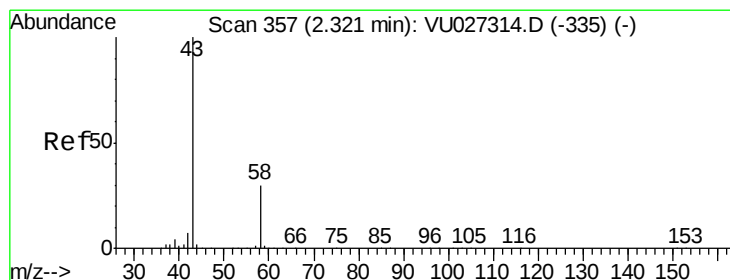
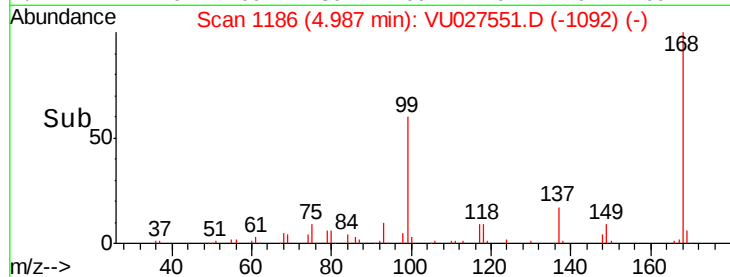
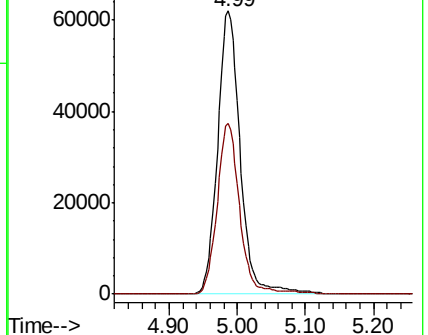
168 100

99 60.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#16

Acetone

Concen: 8.961 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027551.D

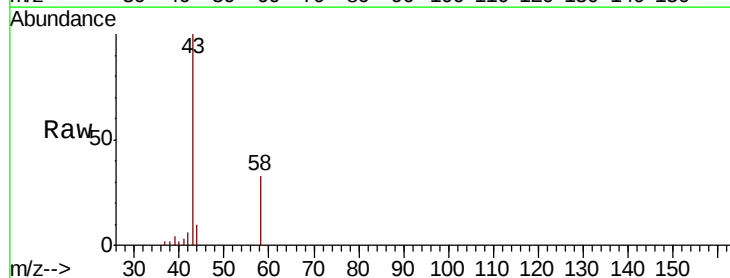
Acq: 10 Oct 2018 02:58

Tgt Ion: 43 Resp: 12658

Ion Ratio Lower Upper

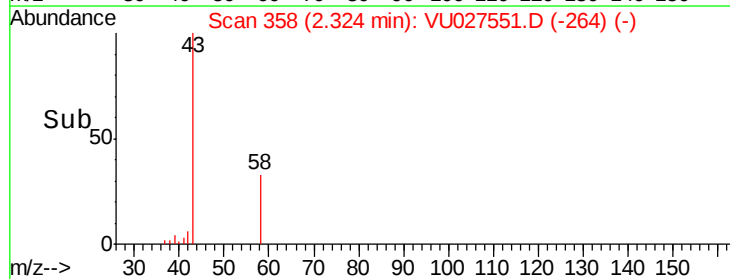
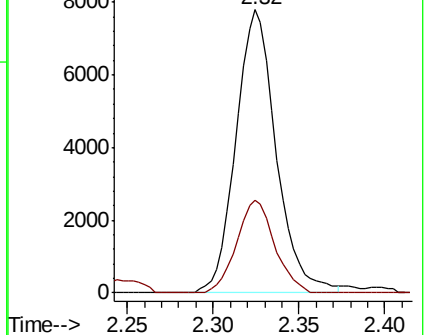
43 100

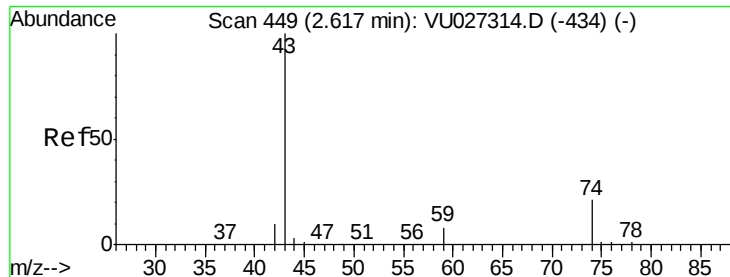
58 32.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

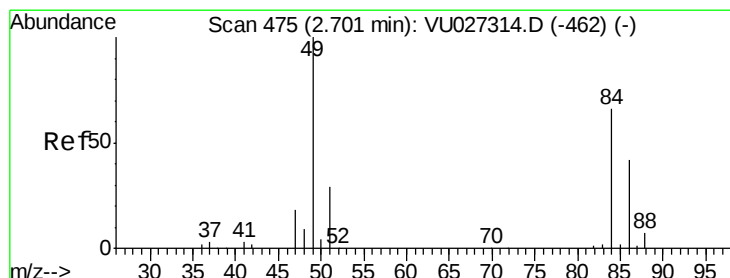
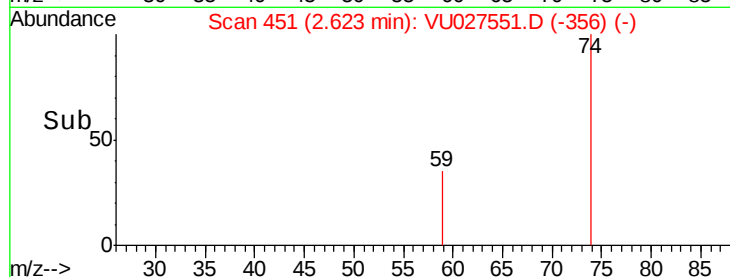
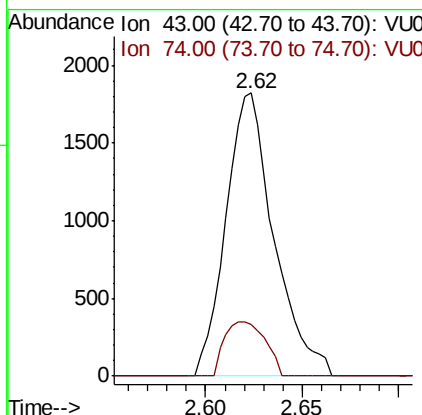
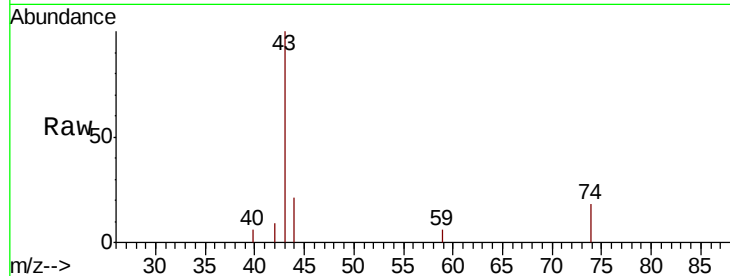




#18
Methvl Acetate
Concen: 0.974 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027551.D
Acq: 10 Oct 2018 02:58

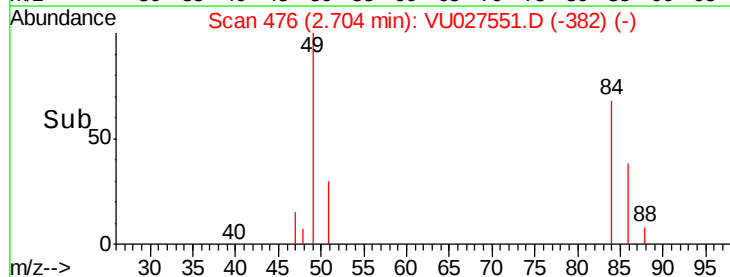
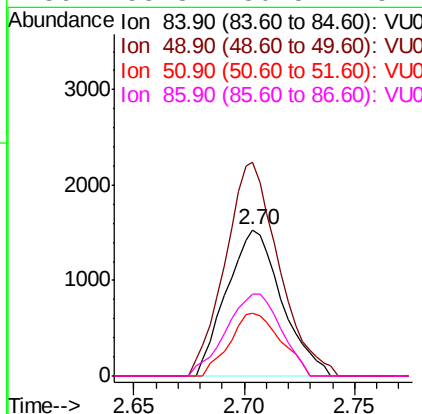
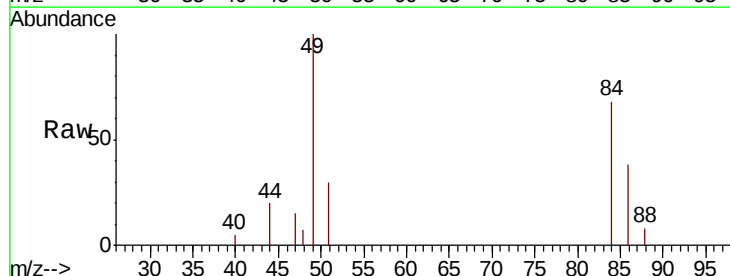
Instrument :
MSVOA_U
ClientSampleId :
POND-2

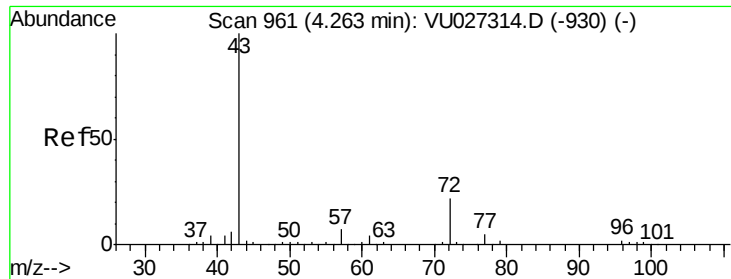
Tot Ion: 43 Resp: 3140
Ion Ratio Lower Upper
43 100
74 16.4 16.5 24.7#



#20
Methylene Chloride
Concen: 1.344 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027551.D
Acq: 10 Oct 2018 02:58

Tgt Ion: 84 Resp: 2645
Ion Ratio Lower Upper
84 100
49 146.0 120.5 180.7
51 43.3 35.1 52.7
86 55.8 50.5 75.7





#25

2-Butanone

Concen: 3.142 ug/l

RT: 4.29 min Scan# 968

Delta R.T. 0.02 min

Lab File: VU027551.D

Acq: 10 Oct 2018 02:58

Instrument :

MSVOA_U

ClientSampleId :

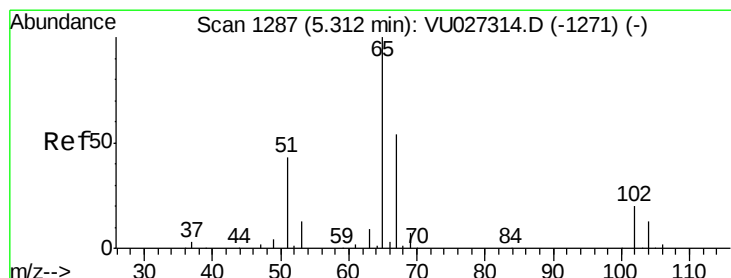
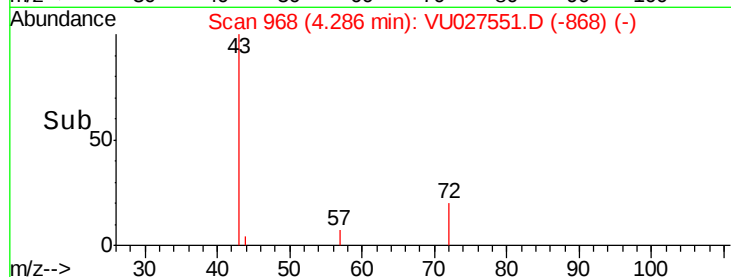
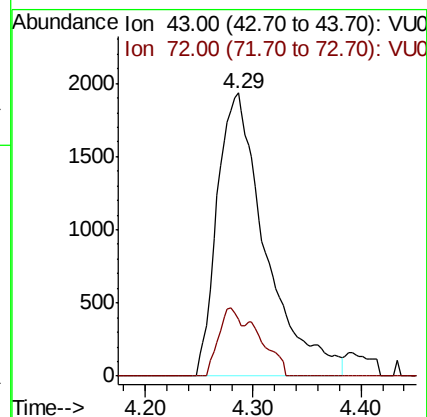
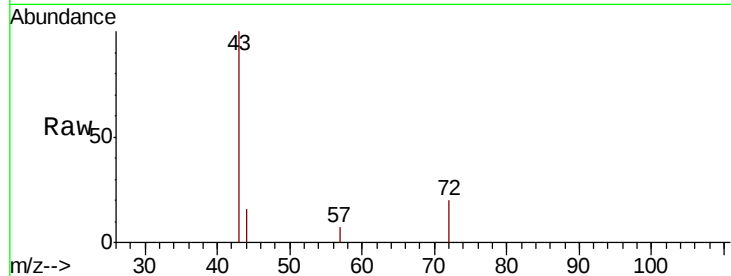
POND-2

Tot Ion: 43 Resp: 6053

Ion Ratio Lower Upper

43 100

72 19.9 17.8 26.6



#33

1,2-Dichloroethane-d4

Concen: 45.045 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027551.D

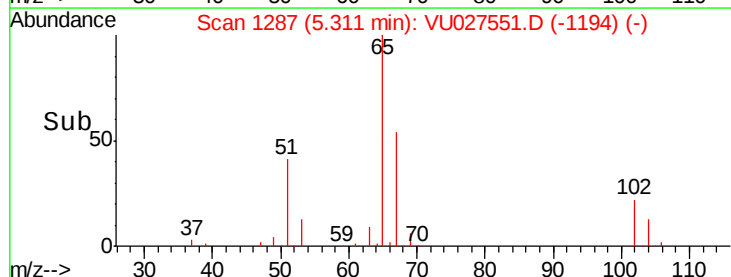
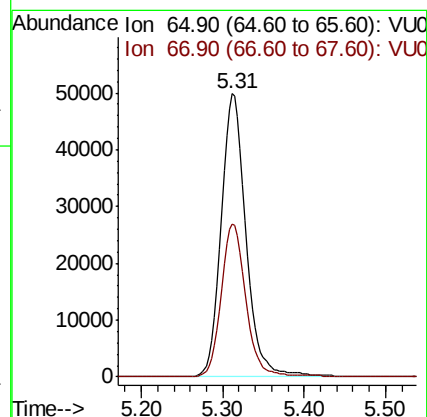
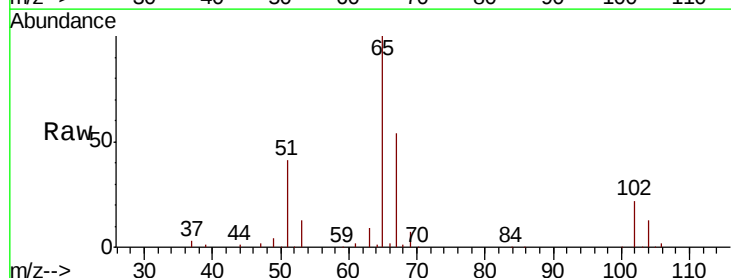
Acq: 10 Oct 2018 02:58

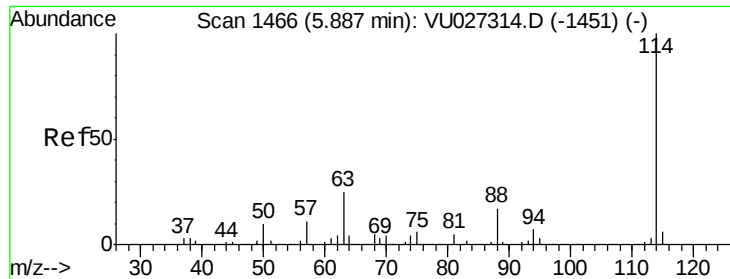
Tgt Ion: 65 Resp: 107712

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.8

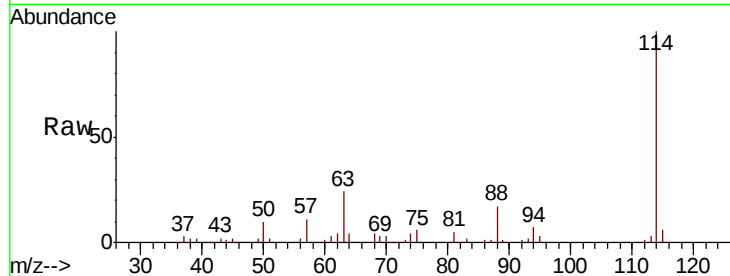




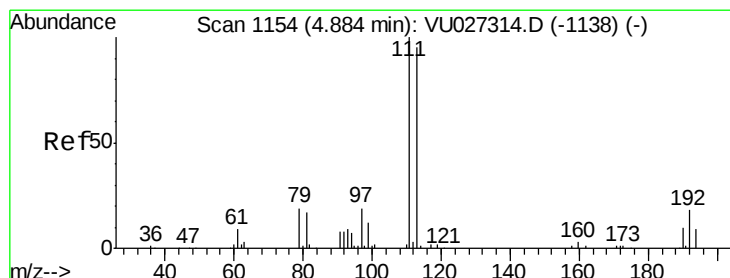
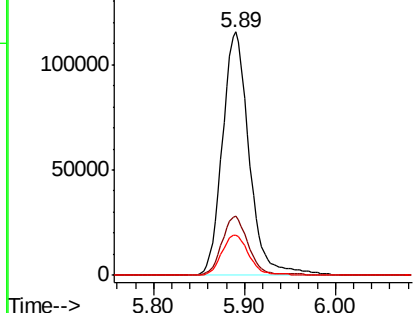
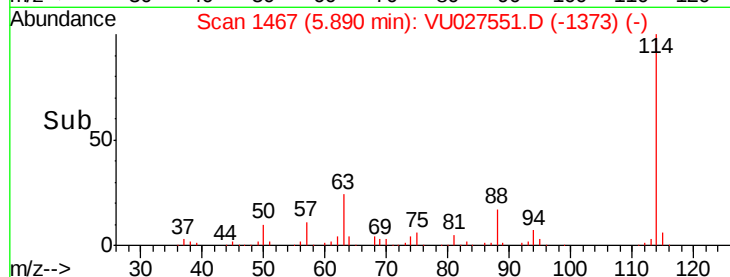
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027551.D
 Acq: 10 Oct 2018 02:58

Instrument :
 MSVOA_U
 ClientSampleId :
 POND-2

Tot Ion:114 Resp: 236868
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.2
 88 16.7 0.0 33.8

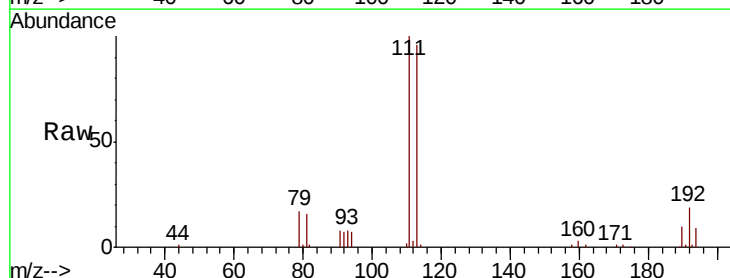


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

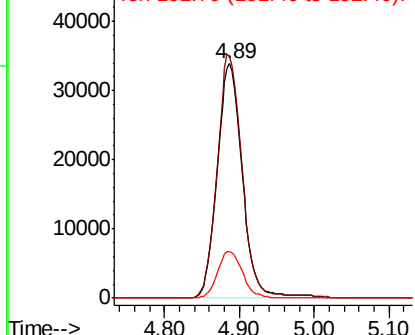
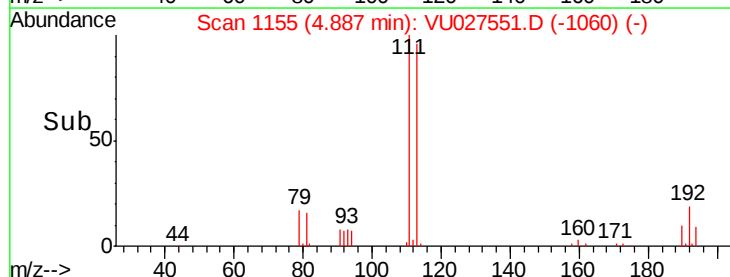


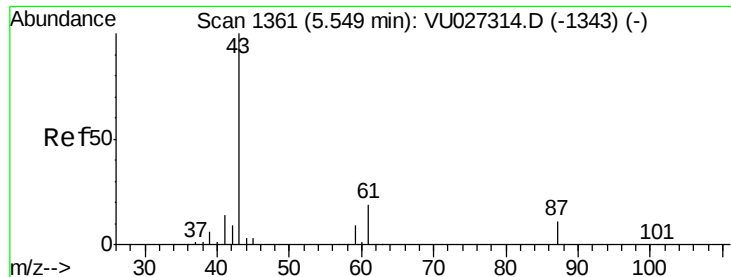
#35
 Dibromofluoromethane
 Concen: 48.649 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027551.D
 Acq: 10 Oct 2018 02:58

Tgt Ion:113 Resp: 78973
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.1 124.7
 192 19.7 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





#43

Isopropyl Acetate

Concen: 24.812 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027551.D

Acq: 10 Oct 2018 02:58

Instrument :

MSVOA_U

ClientSampleId :

POND-2

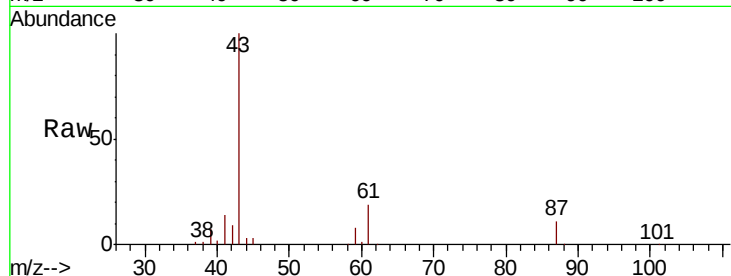
Tot Ion: 43 Resp: 128088

Ion Ratio Lower Upper

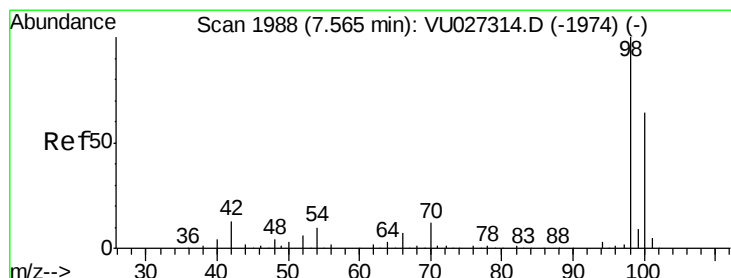
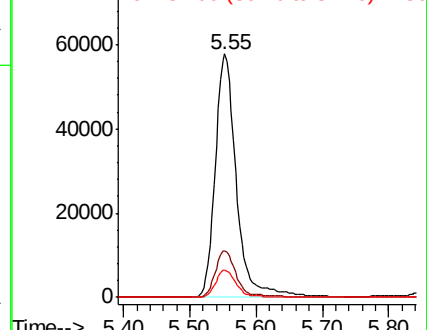
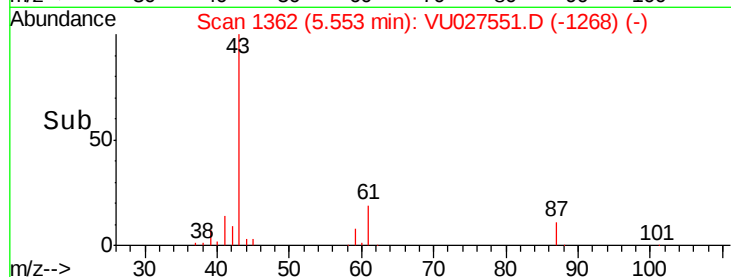
43 100

61 19.2 15.3 22.9

87 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027551.D (-1268) (-)



#50

Toluene-d8

Concen: 48.426 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027551.D

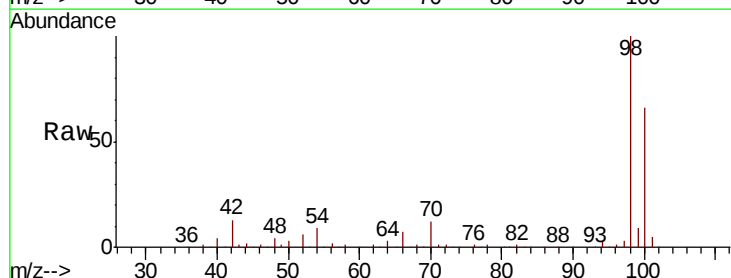
Acq: 10 Oct 2018 02:58

Tgt Ion: 98 Resp: 294218

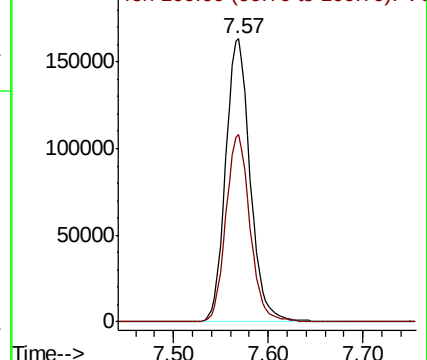
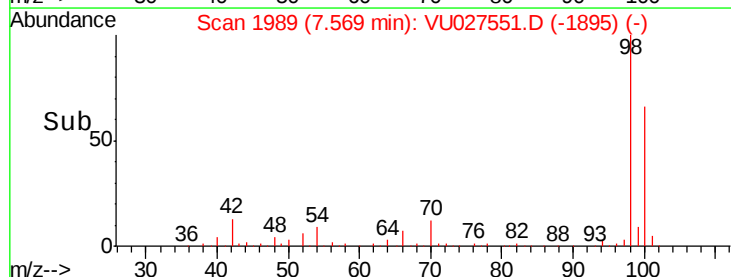
Ion Ratio Lower Upper

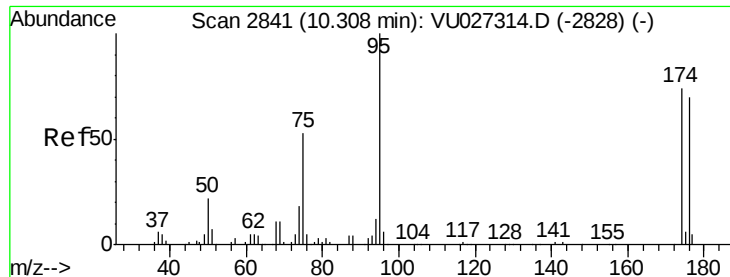
98 100

100 65.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027551.D (-1895) (-)

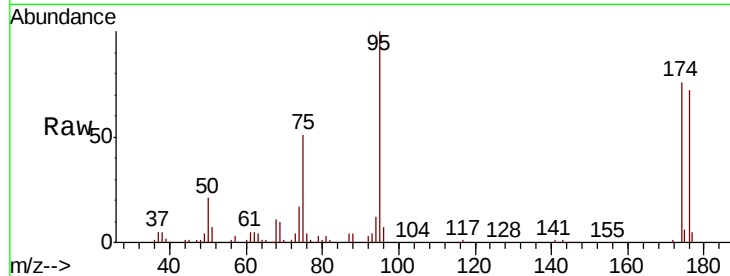




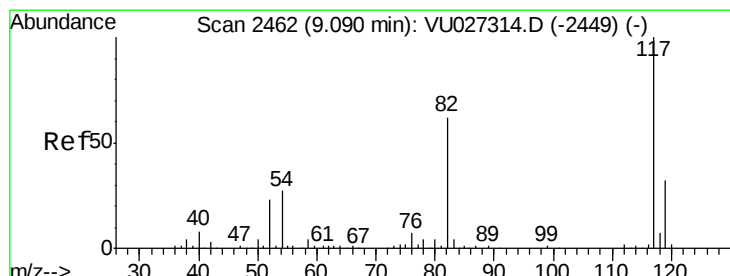
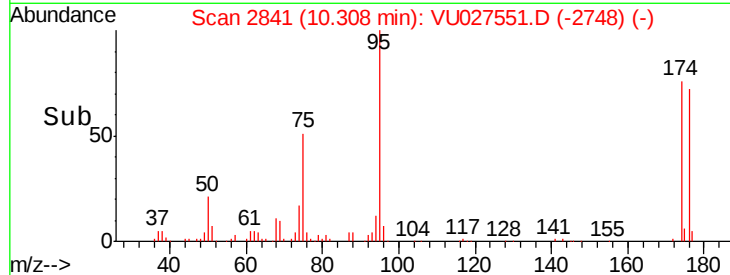
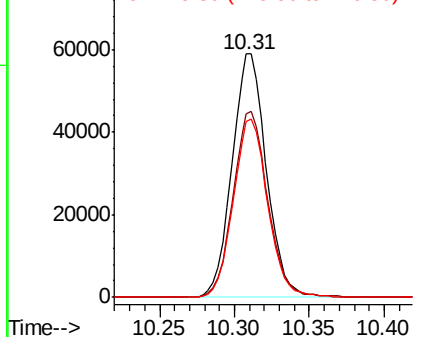
#62
4-Bromofluorobenzene
Concen: 41.724 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027551.D
Acq: 10 Oct 2018 02:58

Instrument :
MSVOA_U
ClientSampleId :
POND-2

Tot Ion	95	Resp	94210
Ion Ratio	100	Lower	Upper
174	77.2	0.0	147.8
176	73.4	0.0	140.8

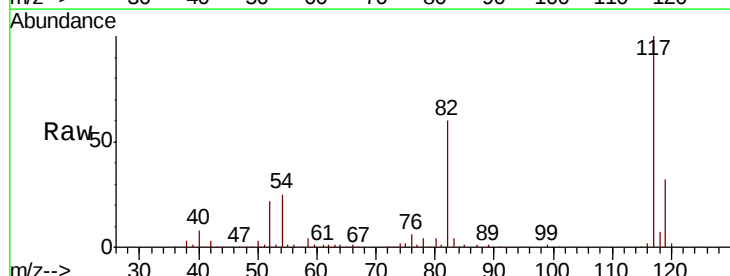


Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

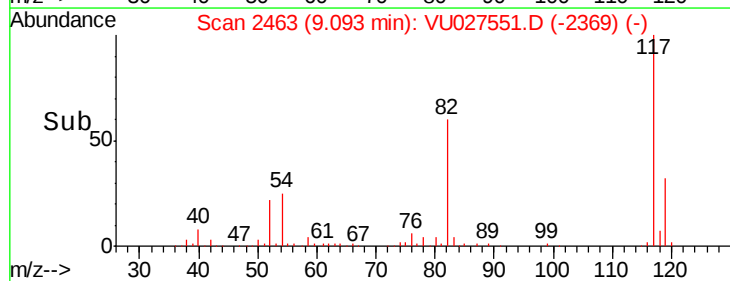
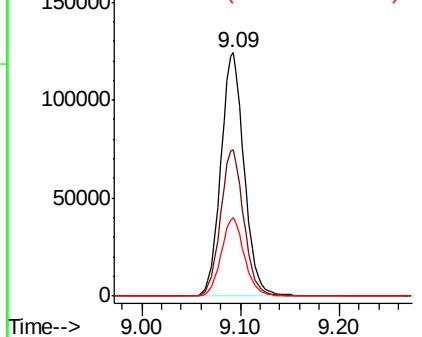


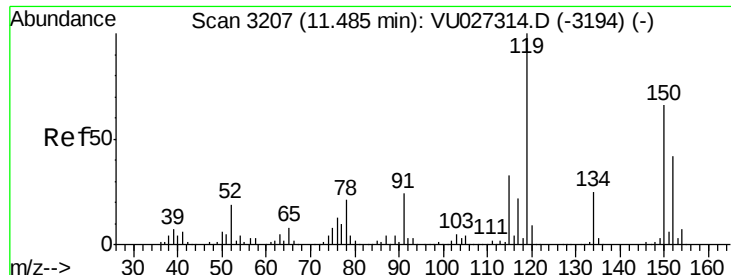
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027551.D
Acq: 10 Oct 2018 02:58

Tgt Ion	117	Resp	206123
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
82	60.1	49.2	73.8
119	32.3	25.7	38.5



Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

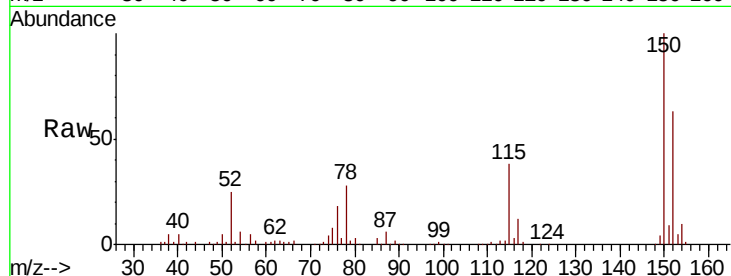




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU027551.D
 Acq: 10 Oct 2018 02:58

Instrument :
 MSVOA_U
 ClientSampleId :
 POND-2

Tot Ion:152 Resp: 84744
 Ion Ratio Lower Upper
 152 100
 115 60.3 43.4 130.2
 150 159.2 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

