

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\
 Data File : VU029088.D
 Acq On : 09 Jan 2019 14:36
 Operator : MD/SY
 Sample : PB116248ZHE#03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#03

Quant Time: Jan 10 04:57:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

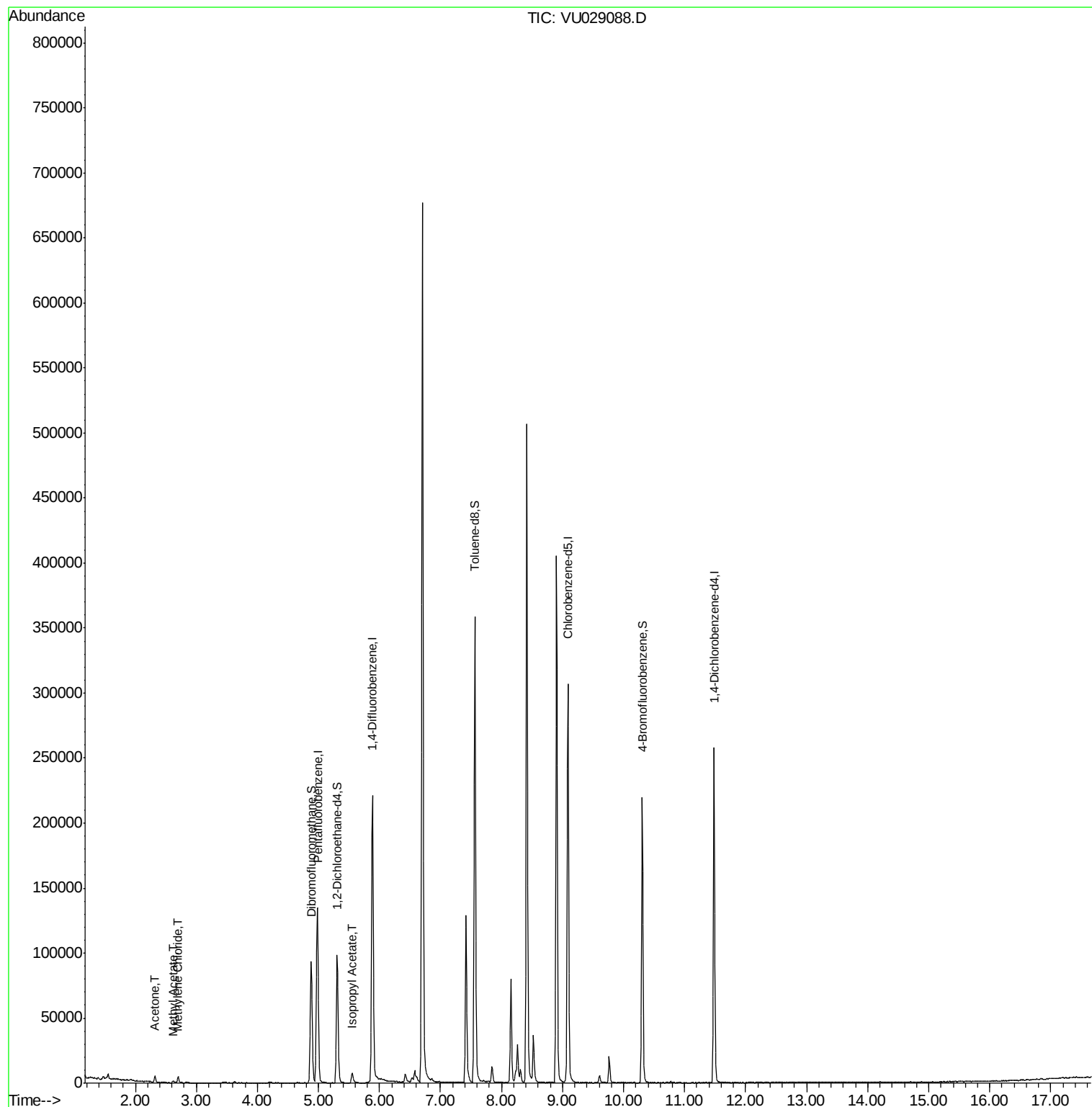
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	111451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	190187	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74291	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
35) Dibromofluoromethane	4.88	113	65681	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
50) Toluene-d8	7.56	98	244744	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	10.30	95	77181	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
Target Compounds						
16) Acetone	2.32	43	5733	6.605	ug/l	98
18) Methyl Acetate	2.62	43	2035	1.008	ug/l #	90
20) Methylene Chloride	2.70	84	2552	1.732	ug/l	86
43) Isopropyl Acetate	5.55	43	9624	3.007	ug/l	94

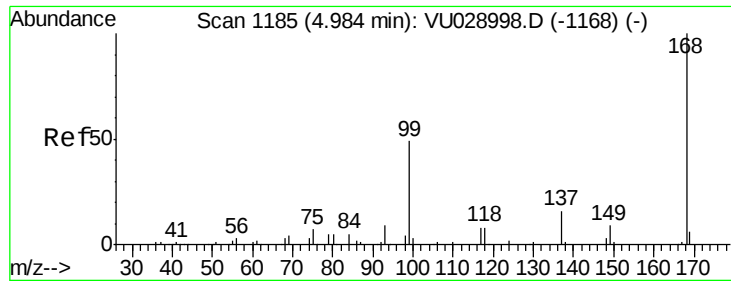
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029088.D

Acq: 09 Jan 2019 14:36

Instrument :

MSVOA_U

ClientSampleId :

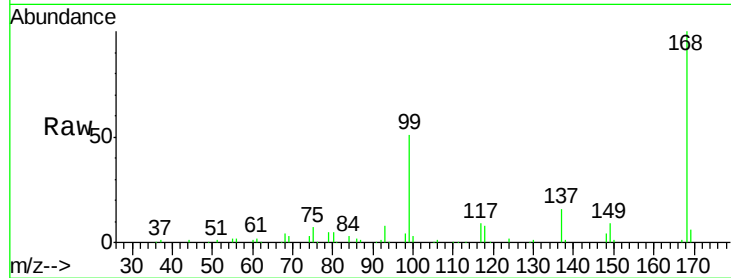
PB116248ZHE#03

Tot Ion:168 Resp: 111451

Ion Ratio Lower Upper

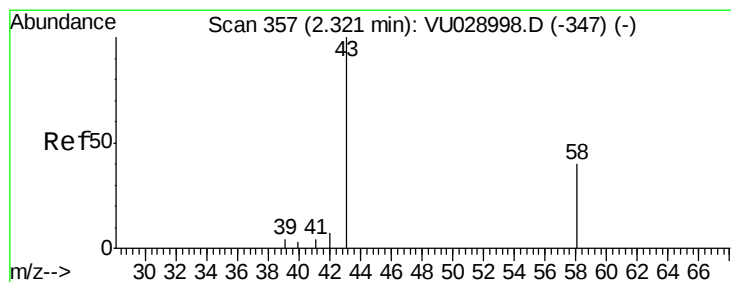
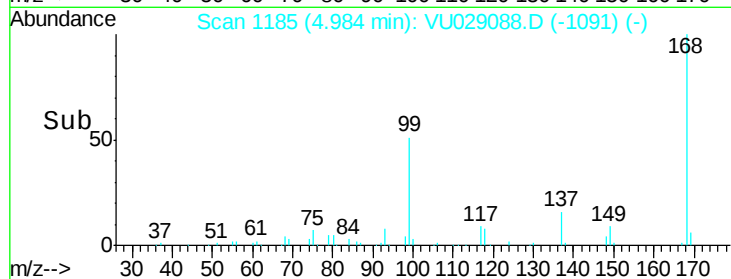
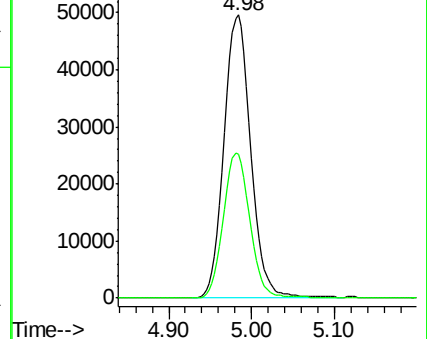
168 100

99 50.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)



#16

Acetone

Concen: 6.605 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029088.D

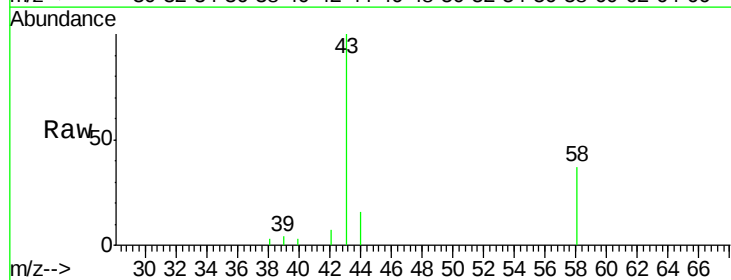
Acq: 09 Jan 2019 14:36

Tgt Ion: 43 Resp: 5733

Ion Ratio Lower Upper

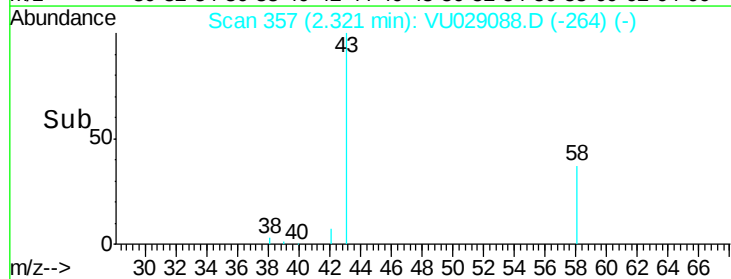
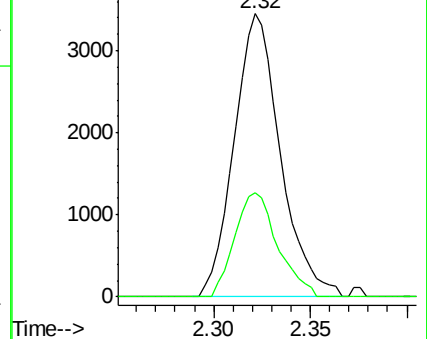
43 100

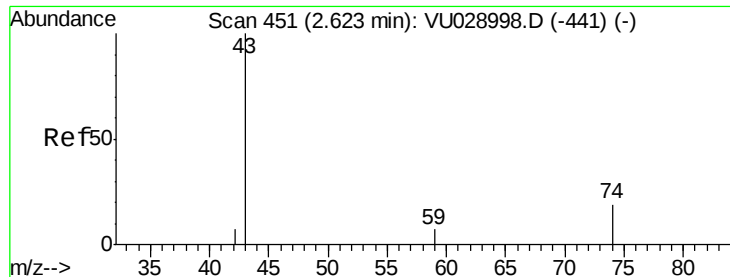
58 37.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-347) (-)

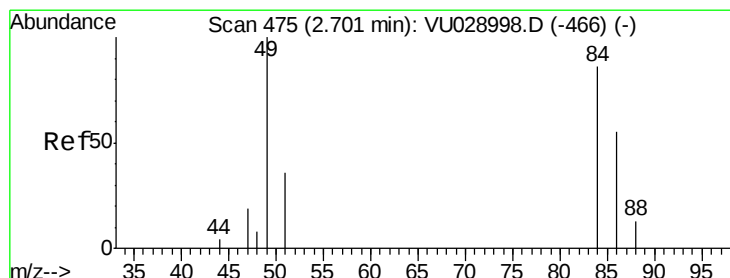
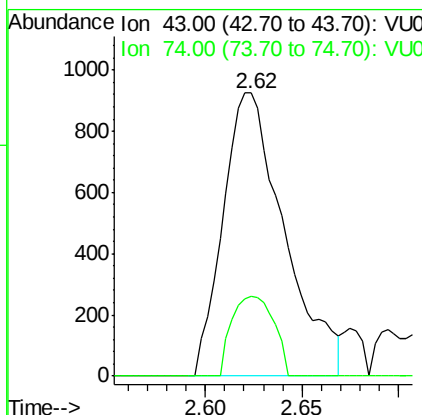
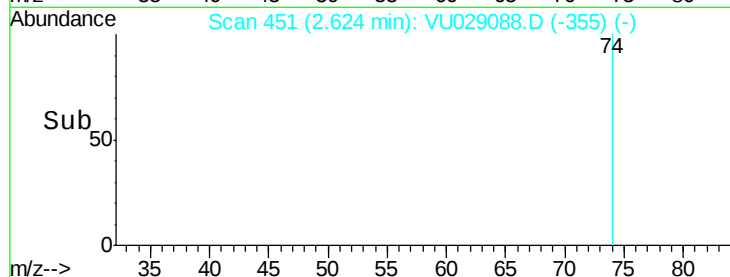
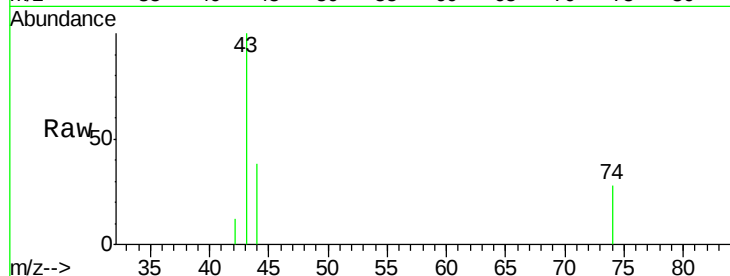




#18
Methyl Acetate
Concen: 1.008 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU029088.D
Acq: 09 Jan 2019 14:36

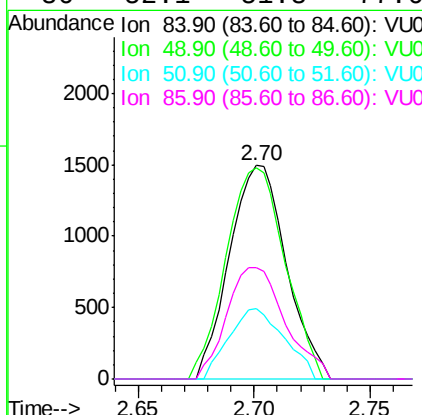
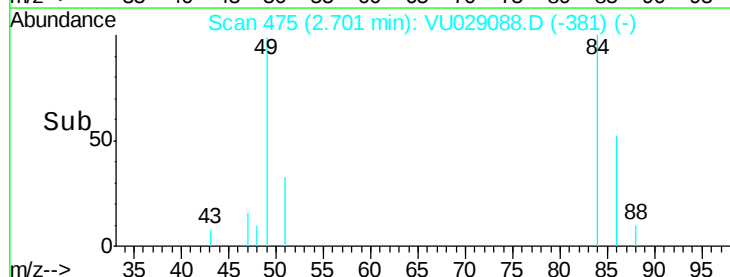
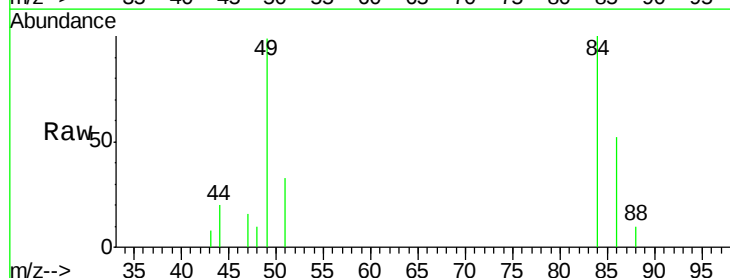
Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#03

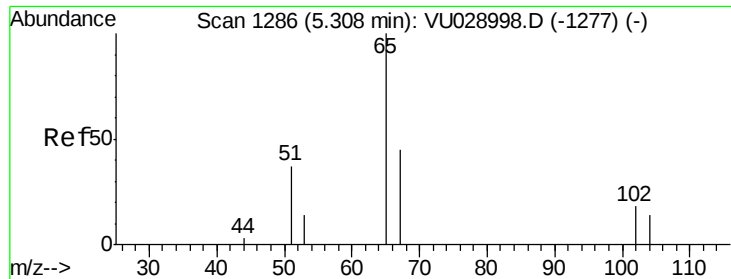
Tot Ion: 43 Resp: 2035
Ion Ratio Lower Upper
43 100
74 19.3 19.5 29.3#



#20
Methylene Chloride
Concen: 1.732 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029088.D
Acq: 09 Jan 2019 14:36

Tgt Ion: 84 Resp: 2552
Ion Ratio Lower Upper
84 100
49 98.9 91.9 137.9
51 33.0 29.2 43.8
86 52.1 51.8 77.6

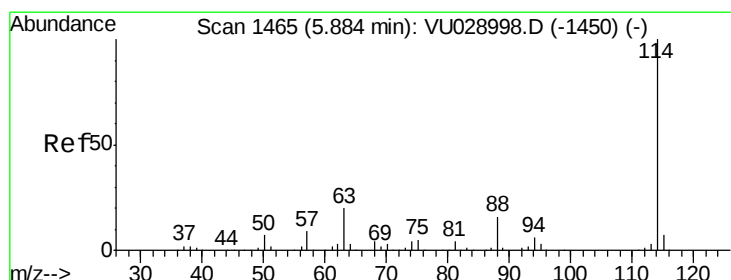
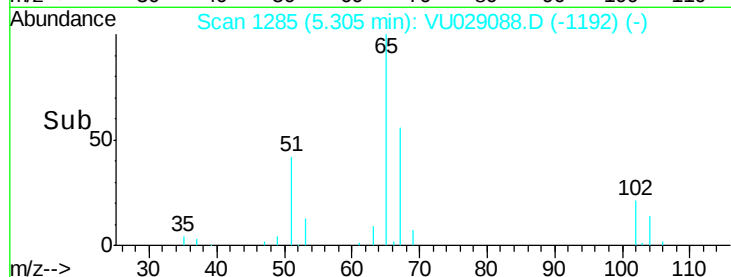
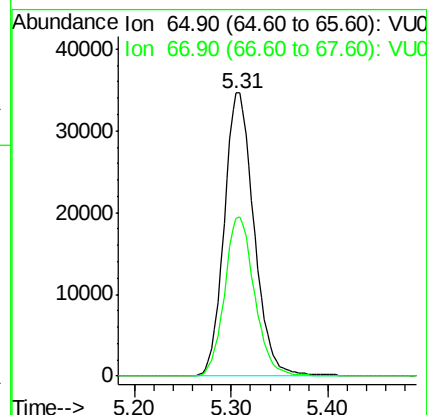
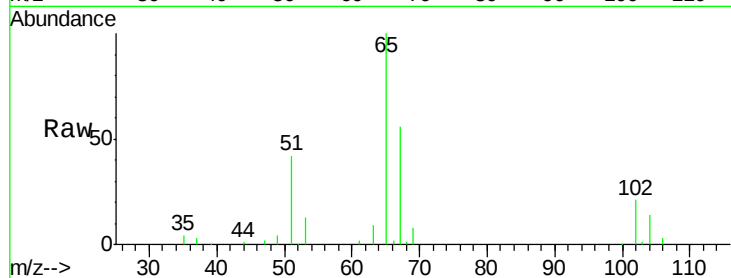




#33
 1,2-Dichloroethane-d4
 Concen: 53.922 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029088.D
 Acq: 09 Jan 2019 14:36

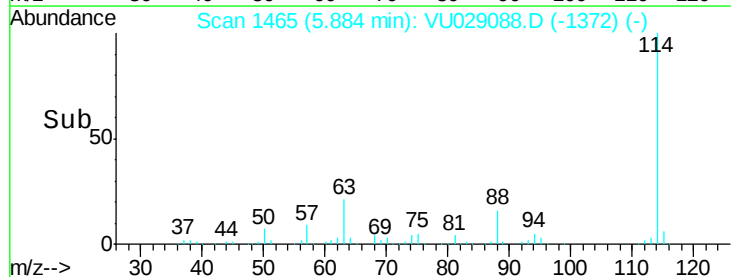
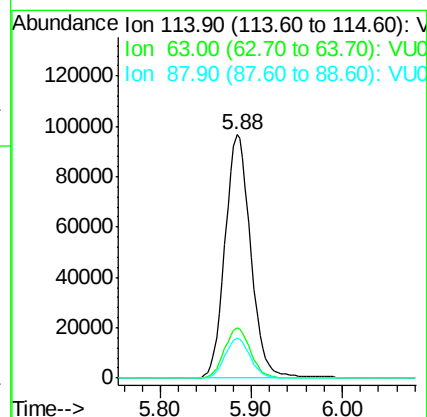
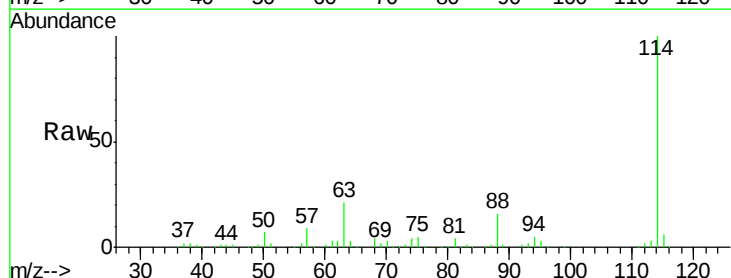
Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#03

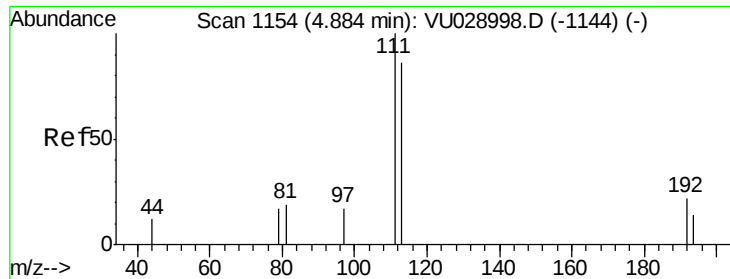
Tot Ion: 65 Resp: 74291
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029088.D
 Acq: 09 Jan 2019 14:36

Tgt Ion: 114 Resp: 190187
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.2
 88 16.3 0.0 30.4

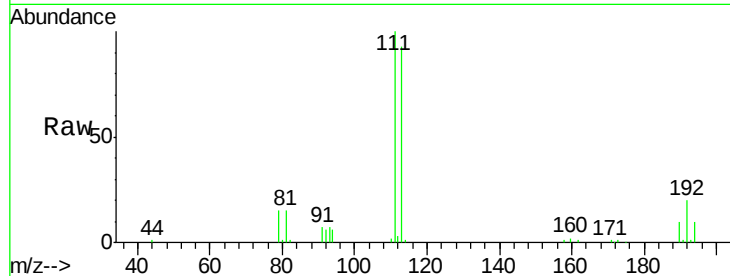




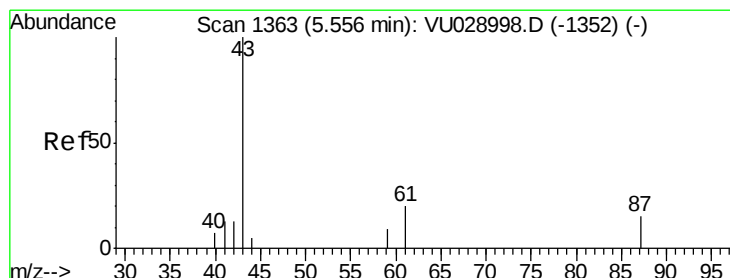
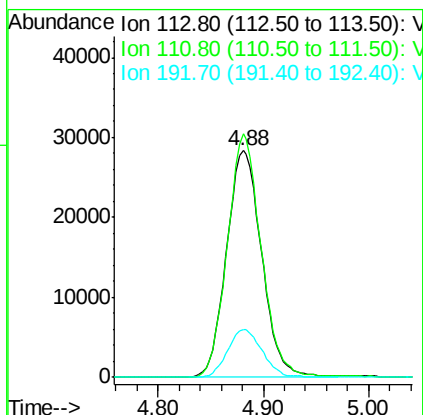
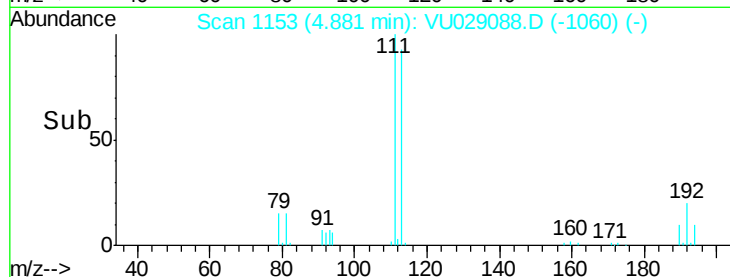
#35
 Dibromofluoromethane
 Concen: 53.276 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029088.D
 Acq: 09 Jan 2019 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#03

Tot Ion:113 Resp: 65681
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.2
 192 20.7 16.8 25.2

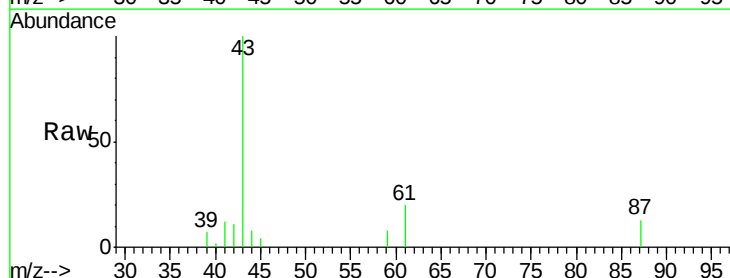


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

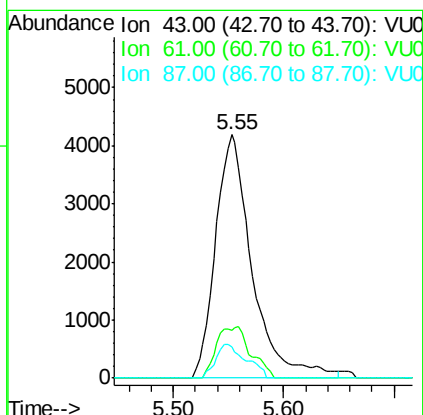
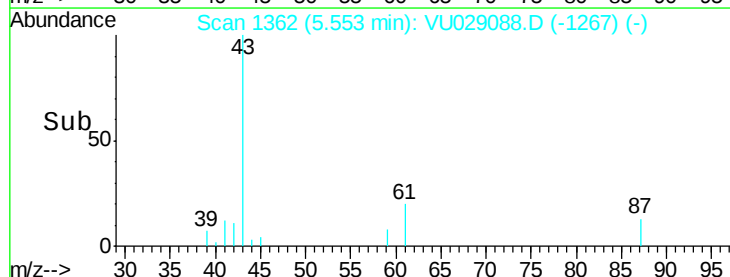


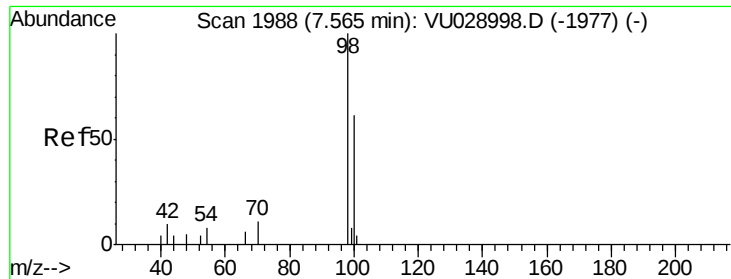
#43
 Isopropyl Acetate
 Concen: 3.007 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: VU029088.D
 Acq: 09 Jan 2019 14:36

Tgt Ion: 43 Resp: 9624
 Ion Ratio Lower Upper
 43 100
 61 19.6 17.8 26.6
 87 11.5 11.3 16.9



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

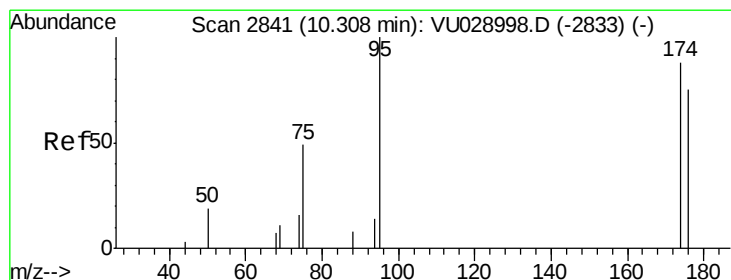
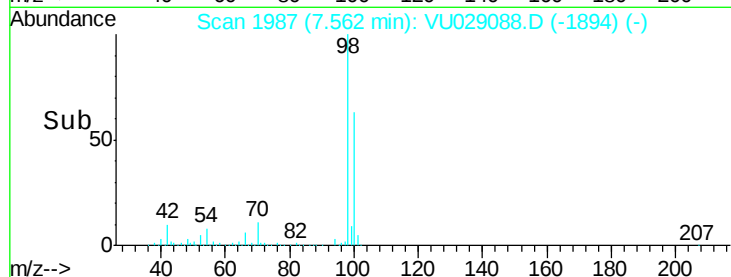
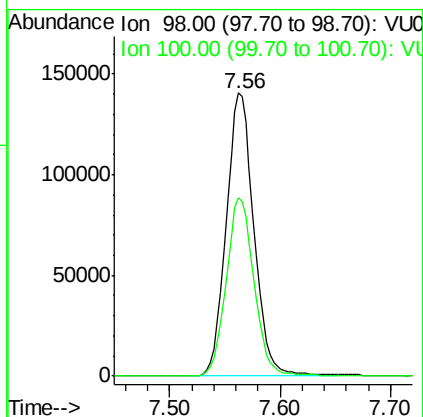
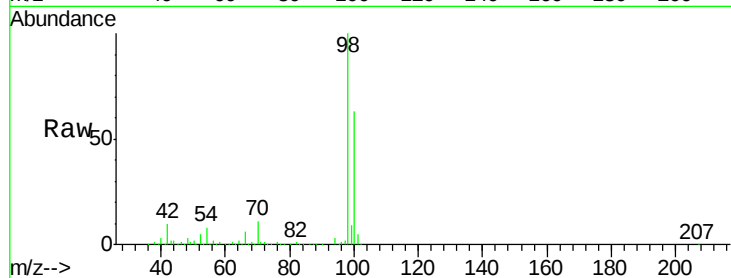




#50
Toluene-d8
Concen: 50.285 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029088.D
Acq: 09 Jan 2019 14:36

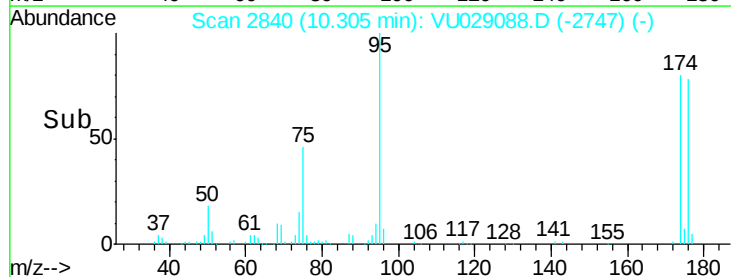
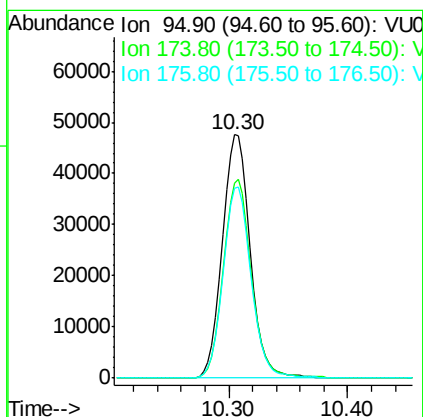
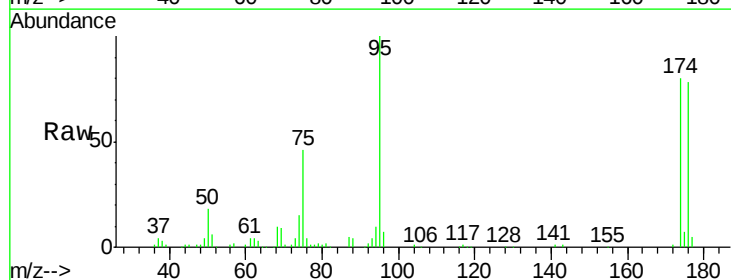
Instrument :
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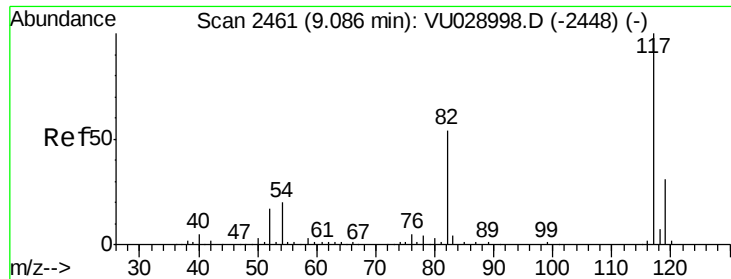
Tot Ion: 98 Resp: 244744
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.125 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029088.D
Acq: 09 Jan 2019 14:36

Tgt Ion: 95 Resp: 77181
Ion Ratio Lower Upper
95 100
174 82.4 0.0 170.6
176 79.2 0.0 165.0

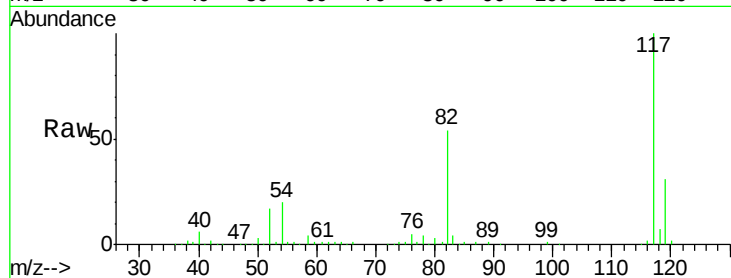




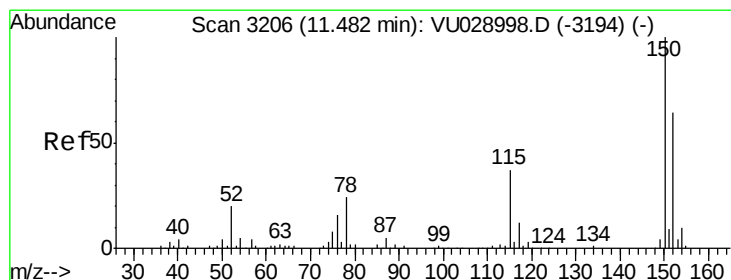
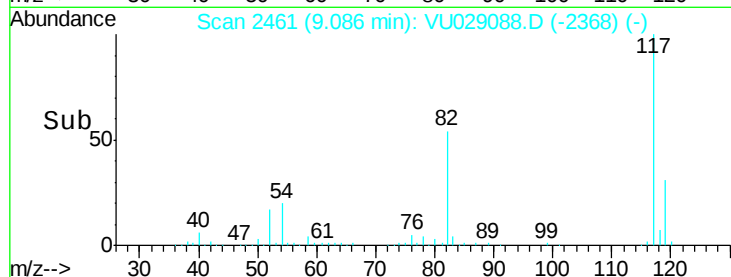
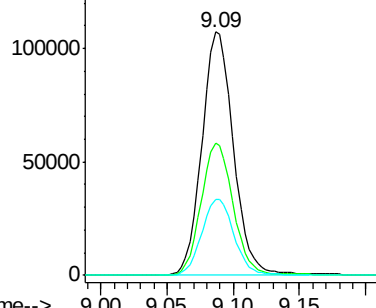
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029088.D
Acq: 09 Jan 2019 14:36

Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#03

Tot Ion:117 Resp: 177975
Ion Ratio Lower Upper
117 100
82 54.2 43.9 65.9
119 31.3 26.0 39.0

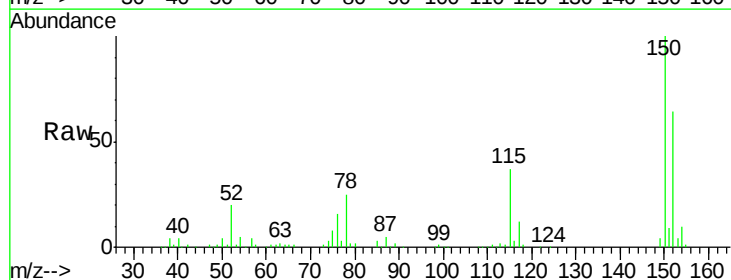


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029088.D
Acq: 09 Jan 2019 14:36

Tgt Ion:152 Resp: 69763
Ion Ratio Lower Upper
152 100
115 56.8 40.1 120.3
150 157.1 0.0 345.2



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

