

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010919\
 Data File : VU029099.D
 Acq On : 09 Jan 2019 19:03
 Operator : MD/SY
 Sample : PB116248ZHE#14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#14

Quant Time: Jan 10 05:45:14 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

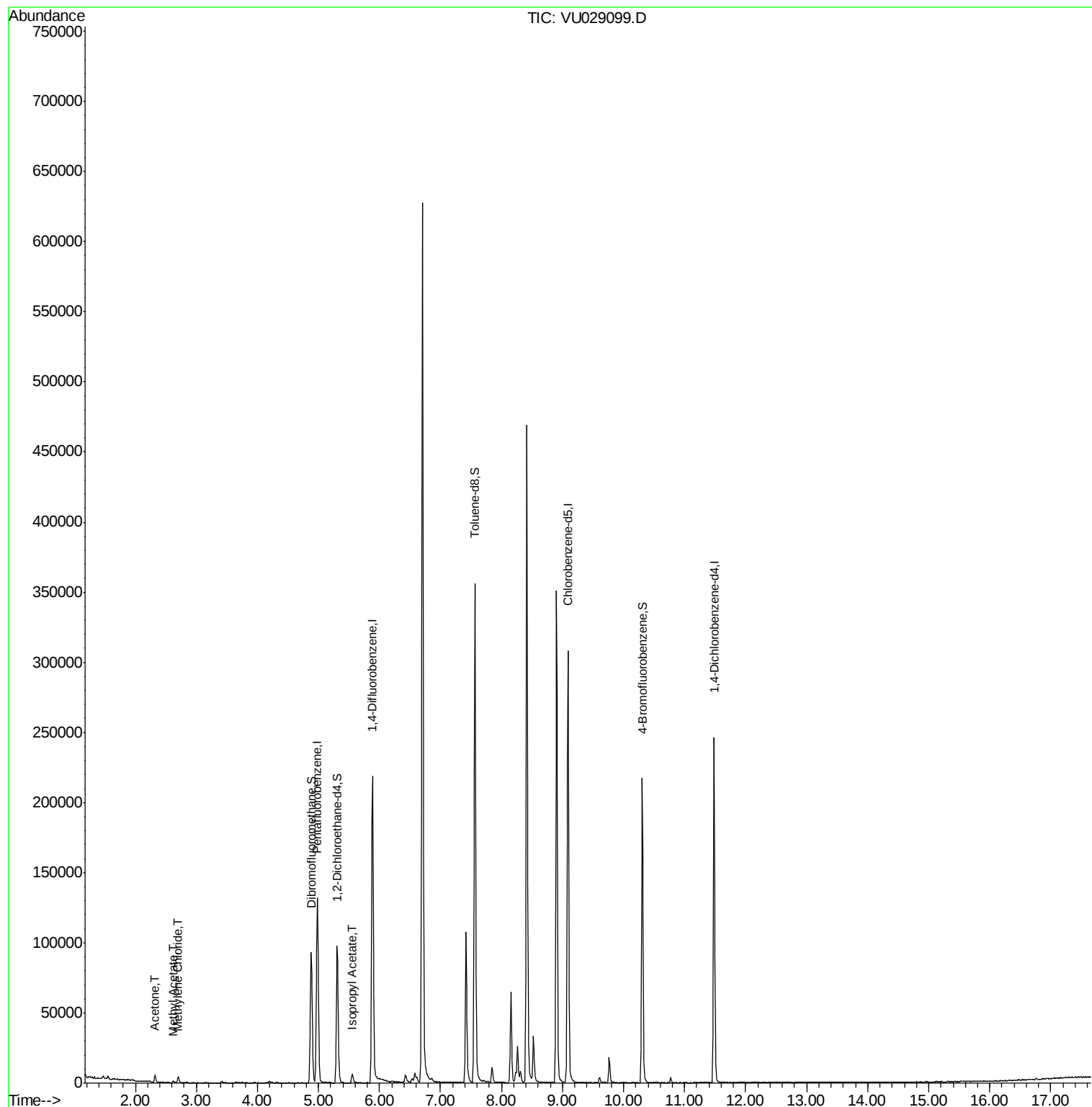
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	106828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	189509	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	73944	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.98%	
35) Dibromofluoromethane	4.88	113	65374	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
50) Toluene-d8	7.57	98	241517	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	10.31	95	74670	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
Target Compounds						
16) Acetone	2.32	43	5465	6.569	ug/l	95
18) Methyl Acetate	2.62	43	1954	1.010	ug/l #	90
20) Methylene Chloride	2.70	84	1977	1.400	ug/l	95
43) Isopropyl Acetate	5.55	43	8125	2.547	ug/l #	92

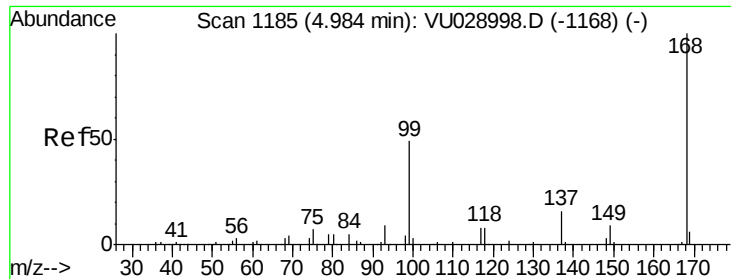
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029099.D

Acq: 09 Jan 2019 19:03

Instrument :

MSVOA_U

ClientSampleId :

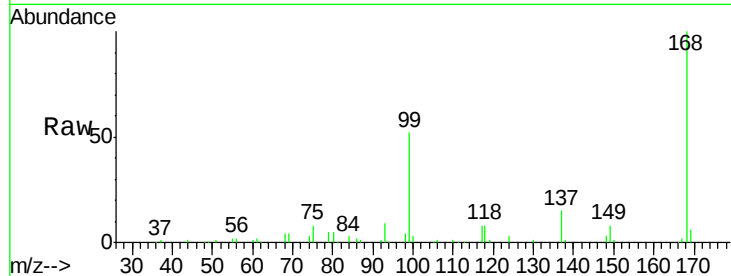
PB116248ZHE#14

Tot Ion:168 Resp: 106828

Ion Ratio Lower Upper

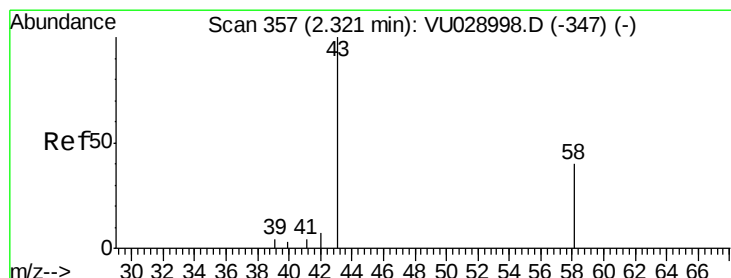
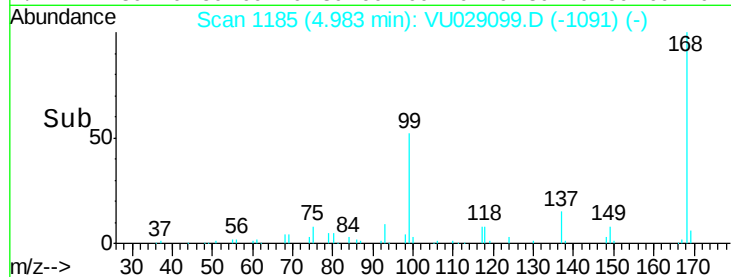
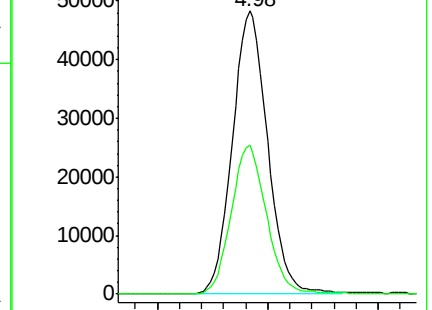
168 100

99 52.4 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: 6.569 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU029099.D

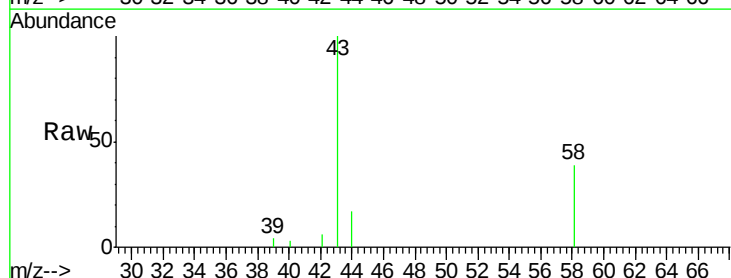
Acq: 09 Jan 2019 19:03

Tgt Ion: 43 Resp: 5465

Ion Ratio Lower Upper

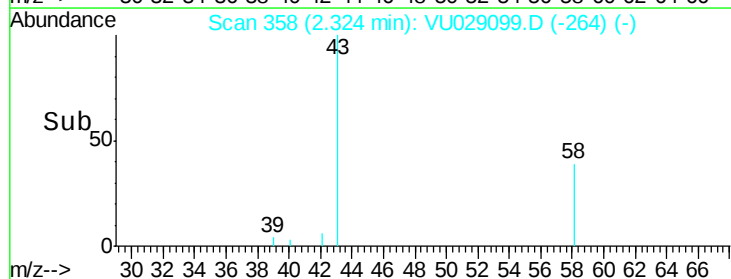
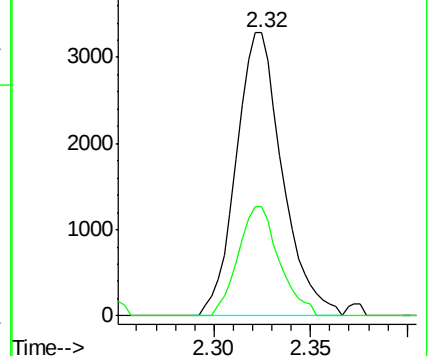
43 100

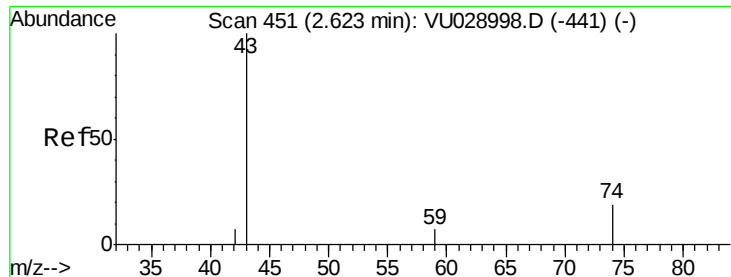
58 38.7 28.6 42.8



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

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

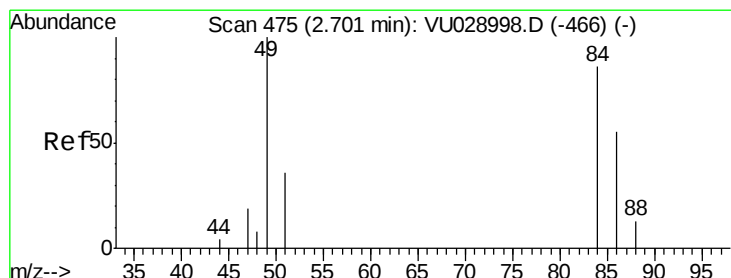
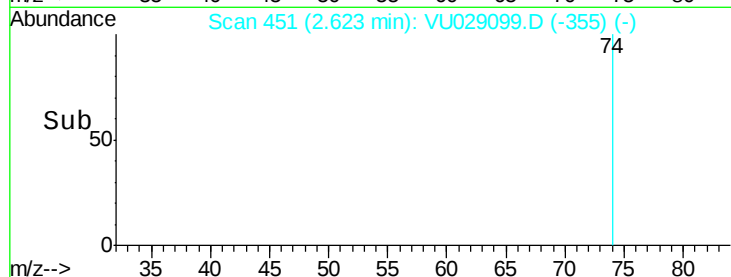
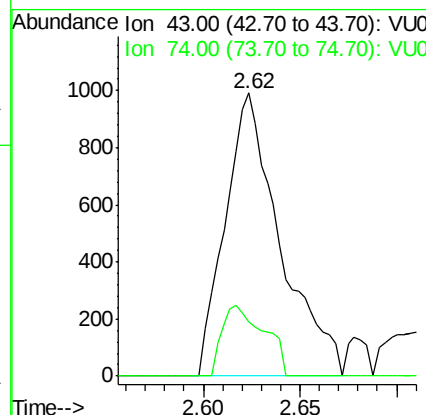
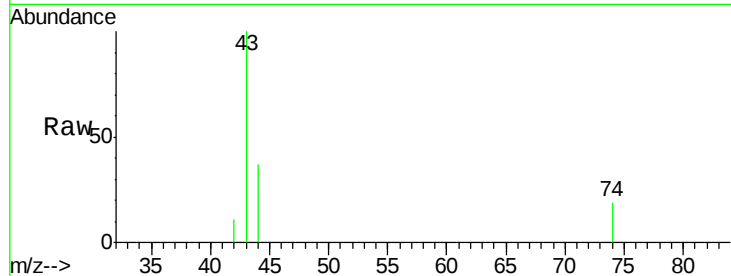




#18
Methvl Acetate
Concen: 1.010 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU029099.D
Acq: 09 Jan 2019 19:03

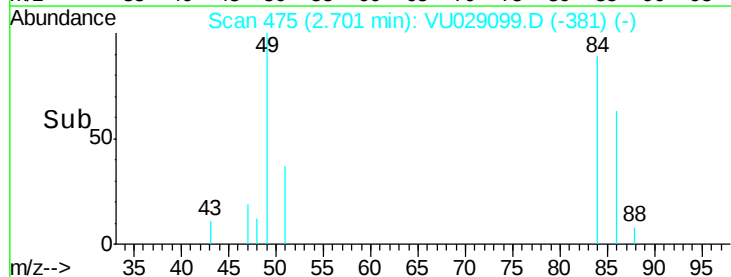
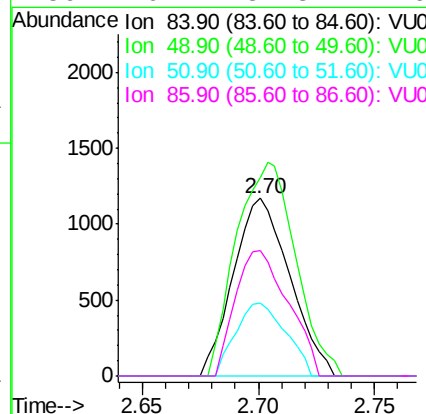
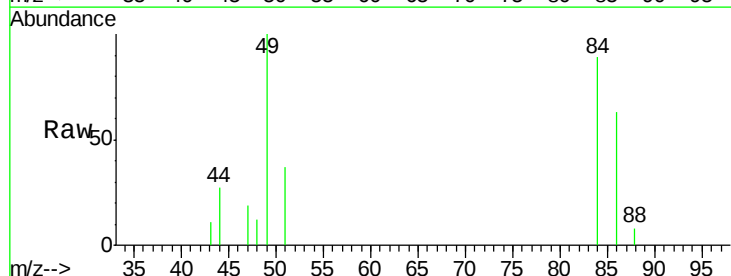
Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#14

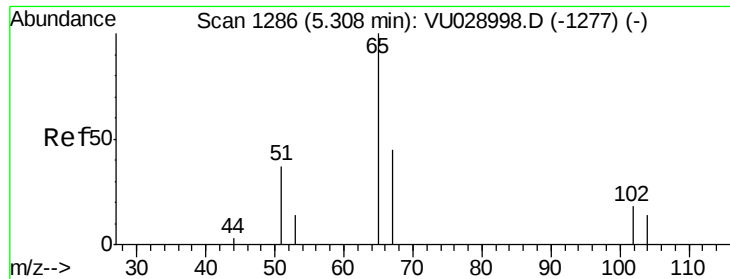
Tot Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
74 19.3 19.5 29.3#



#20
Methylene Chloride
Concen: 1.400 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029099.D
Acq: 09 Jan 2019 19:03

Tgt Ion: 84 Resp: 1977
Ion Ratio Lower Upper
84 100
49 112.1 91.9 137.9
51 41.2 29.2 43.8
86 70.7 51.8 77.6

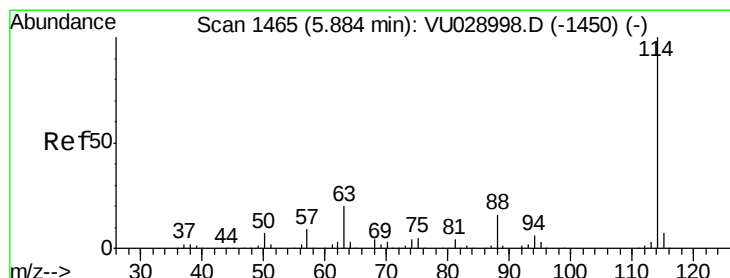
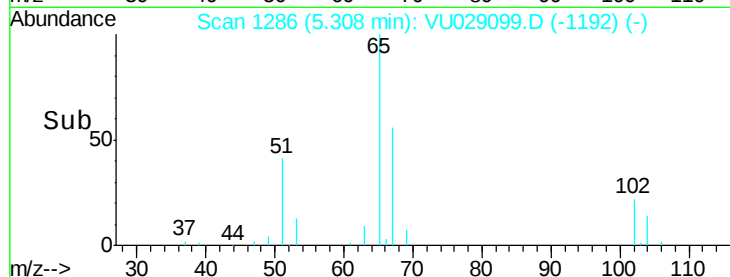
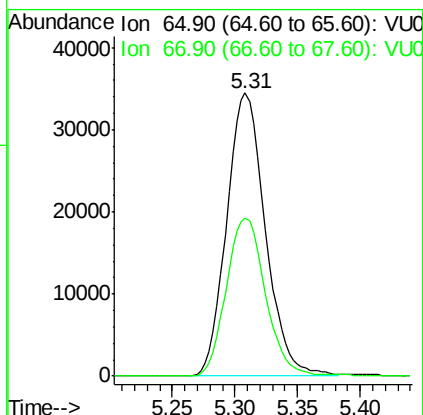
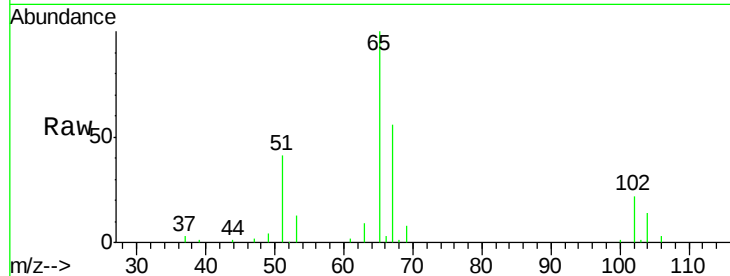




#33
 1,2-Dichloroethane-d4
 Concen: 55.993 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029099.D
 Acq: 09 Jan 2019 19:03

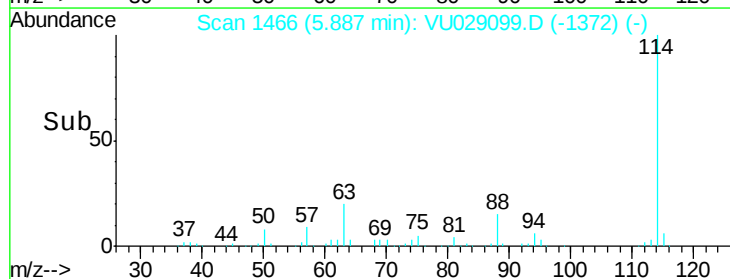
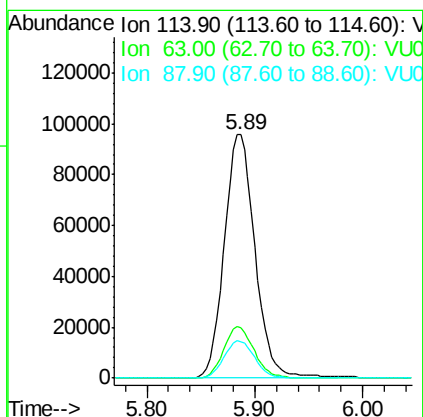
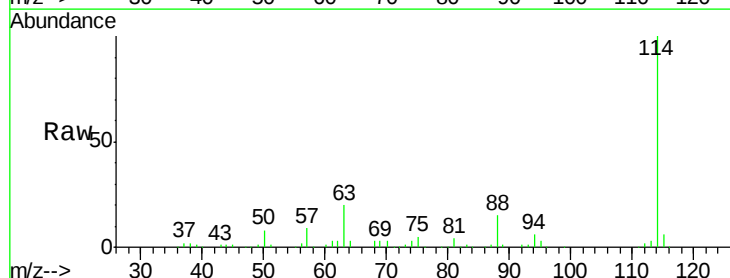
Instrument :
 MSVOA_U
 ClientSampleId :
 PB116248ZHE#14

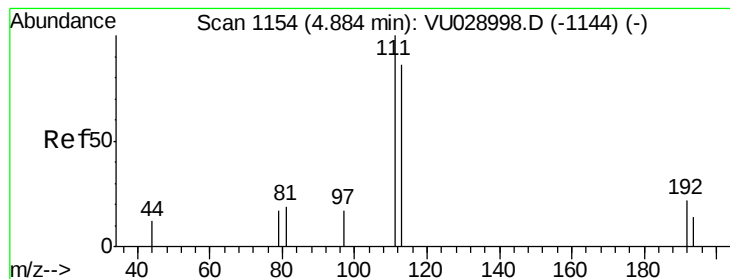
Tot Ion: 65 Resp: 73944
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU029099.D
 Acq: 09 Jan 2019 19:03

Tgt Ion: 114 Resp: 189509
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.217 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029099.D

Acq: 09 Jan 2019 19:03

Instrument :

MSVOA_U

ClientSampleId :

PB116248ZHE#14

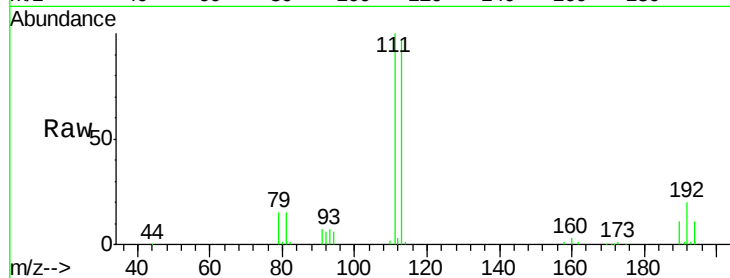
Tot Ion:113 Resp: 65374

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

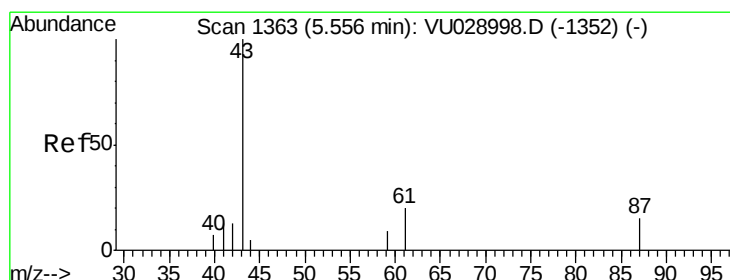
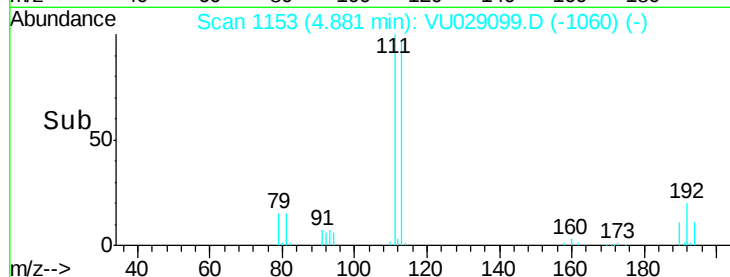
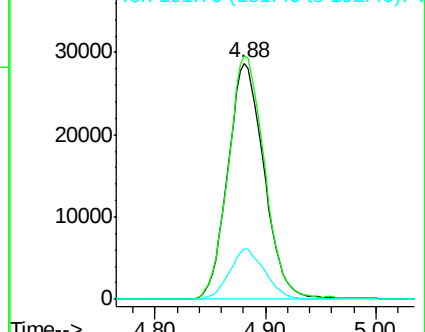
192 20.7 16.8 25.2



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: 2.547 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029099.D

Acq: 09 Jan 2019 19:03

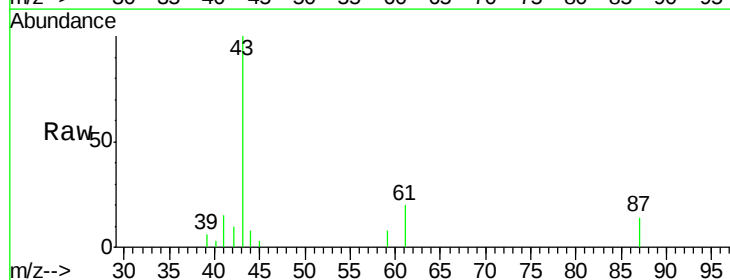
Tgt Ion: 43 Resp: 8125

Ion Ratio Lower Upper

43 100

61 17.4 17.8 26.6#

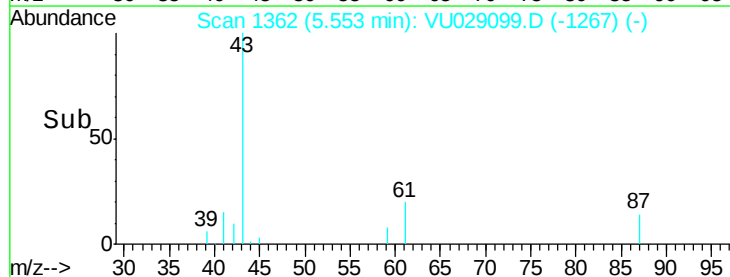
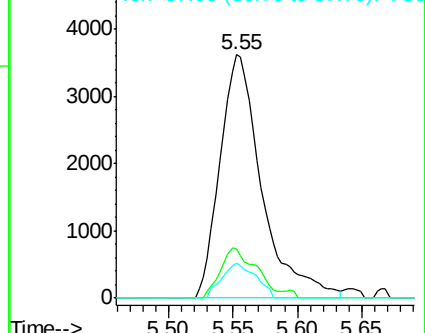
87 11.7 11.3 16.9

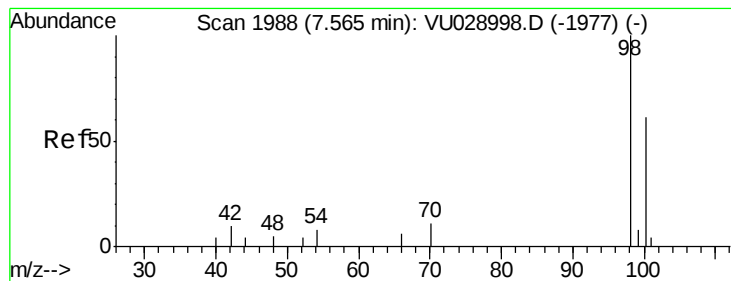


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 49.800 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU029099.D

Acq: 09 Jan 2019 19:03

Instrument :

MSVOA_U

ClientSampleId :

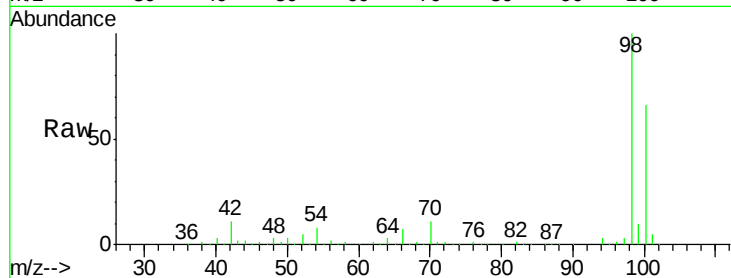
PB116248ZHE#14

Tot Ion: 98 Resp: 241517

Ion Ratio Lower Upper

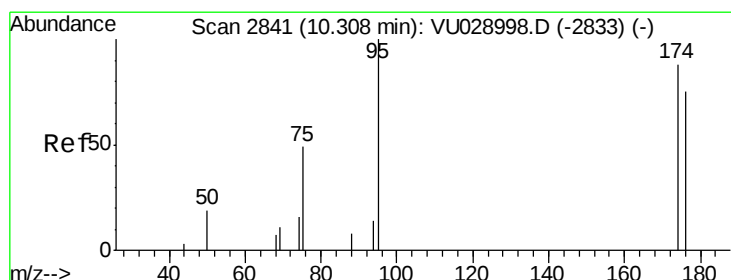
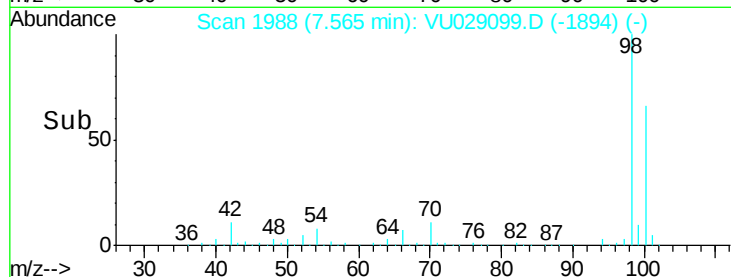
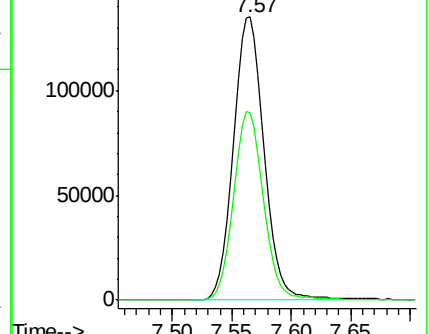
98 100

100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)

Ion 100.00 (99.70 to 100.70): VU028998.D (-1977) (-)



#62

4-Bromofluorobenzene

Concen: 42.842 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU029099.D

Acq: 09 Jan 2019 19:03

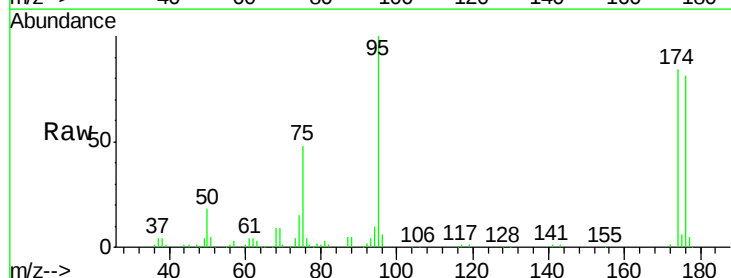
Tgt Ion: 95 Resp: 74670

Ion Ratio Lower Upper

95 100

174 84.7 0.0 170.6

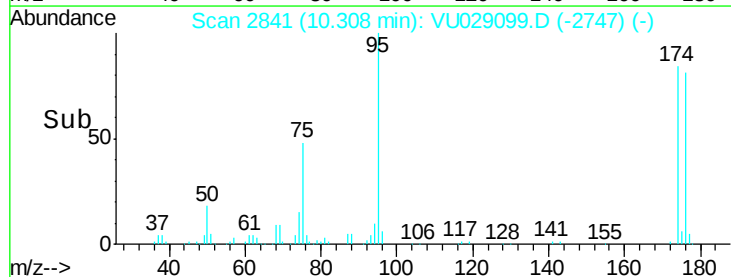
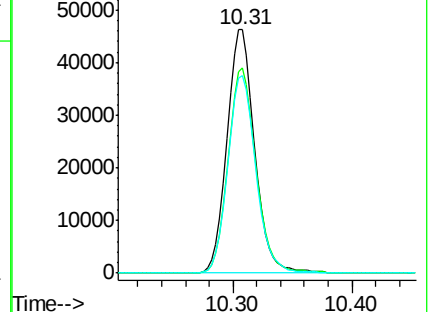
176 81.6 0.0 165.0

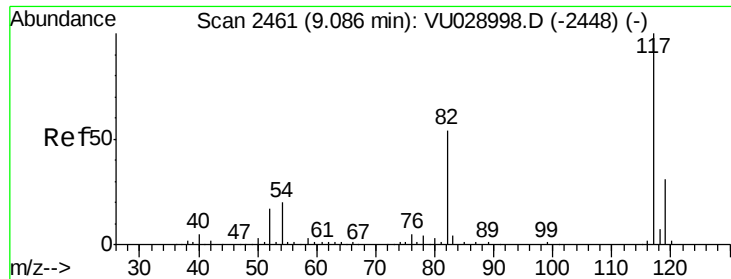


Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)

Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)

Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)

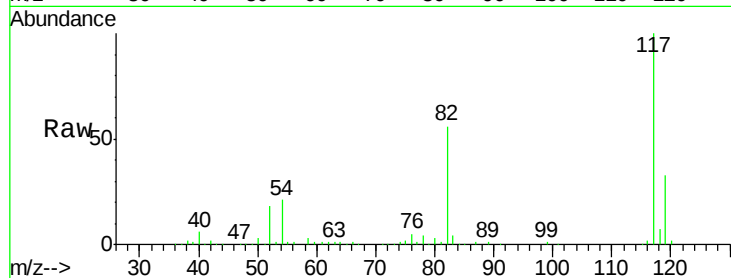




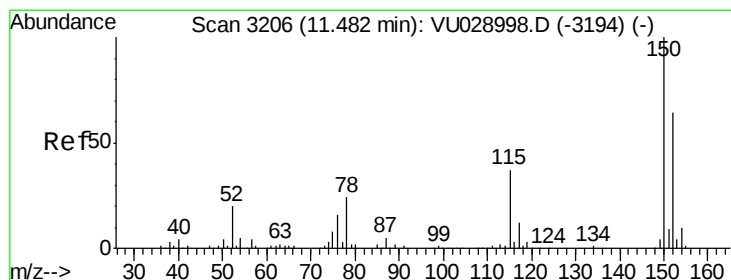
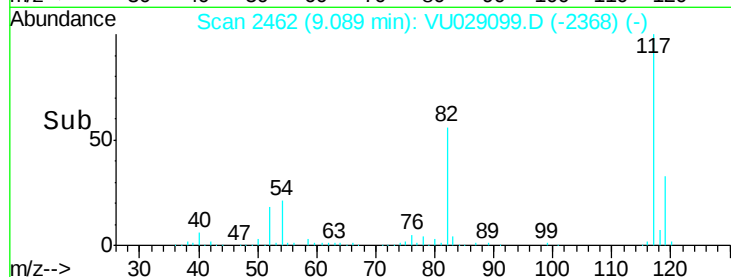
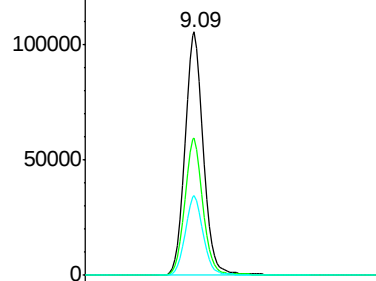
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029099.D
Acq: 09 Jan 2019 19:03

Instrument :
MSVOA_U
ClientSampleId :
PB116248ZHE#14

Tot Ion:117 Resp: 178428
Ion Ratio Lower Upper
117 100
82 56.3 43.9 65.9
119 32.9 26.0 39.0

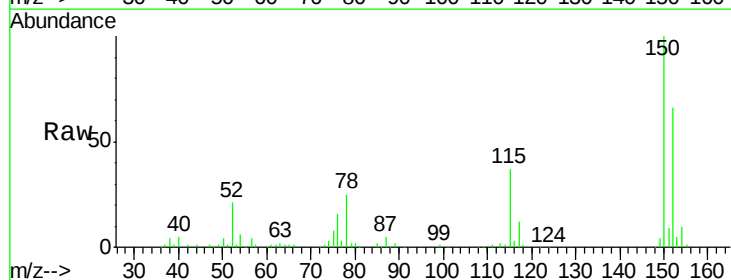


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029099.D
Acq: 09 Jan 2019 19:03

Tgt Ion:152 Resp: 67785
Ion Ratio Lower Upper
152 100
115 56.7 40.1 120.3
150 152.9 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

