

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029041.D
 Acq On : 04 Jan 2019 20:43
 Operator : MD/SY
 Sample : K1053-07 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP-3-DRUM

Quant Time: Jan 05 04:46:47 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

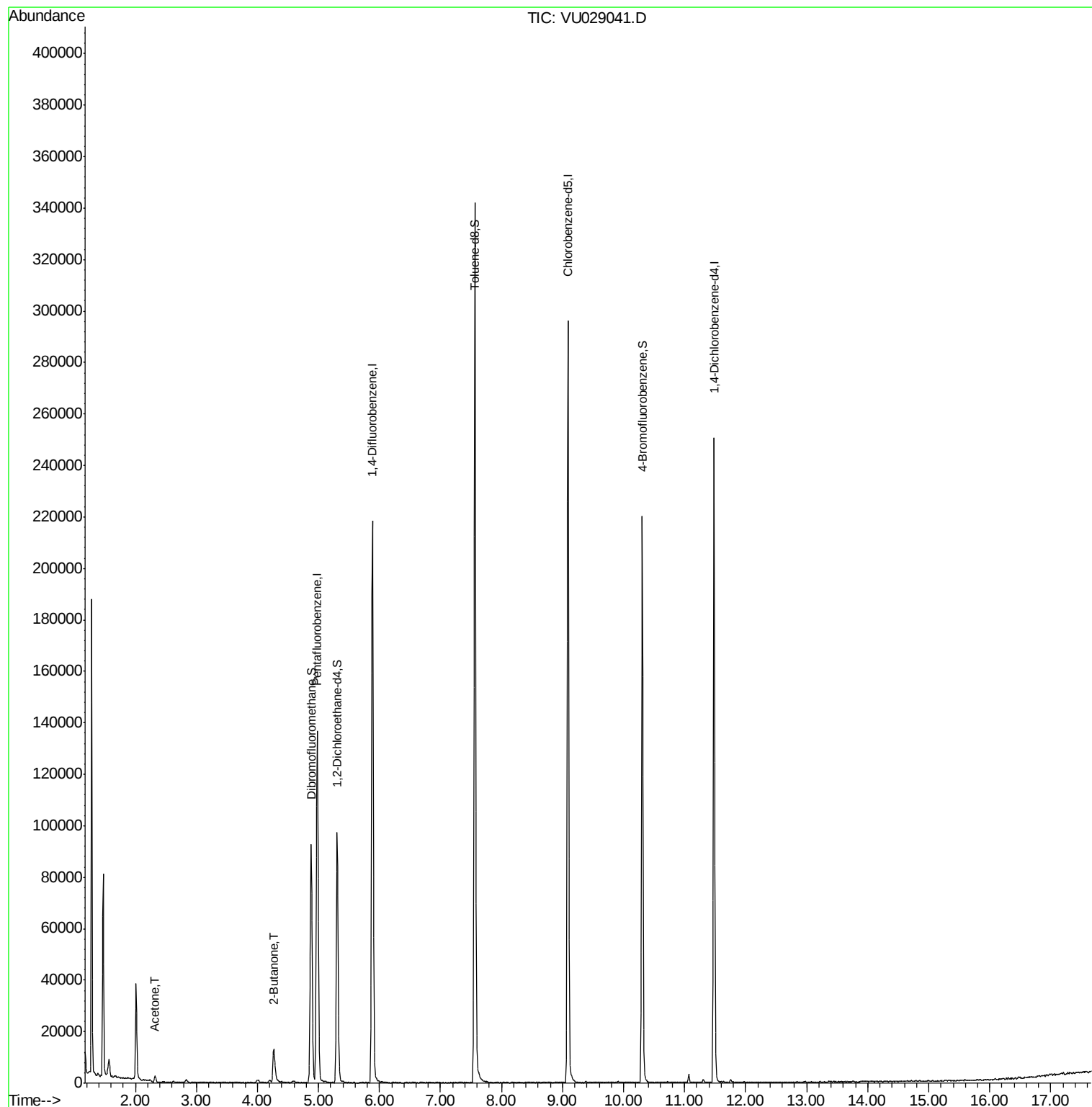
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	111091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	192419	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	173947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74292	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
35) Dibromofluoromethane	4.88	113	65303	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
50) Toluene-d8	7.56	98	238758	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.30	95	74396	42.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.08%	
Target Compounds						
16) Acetone	2.32	43	2593	2.997	ug/l	94
25) 2-Butanone	4.27	43	23472	20.088	ug/l	93

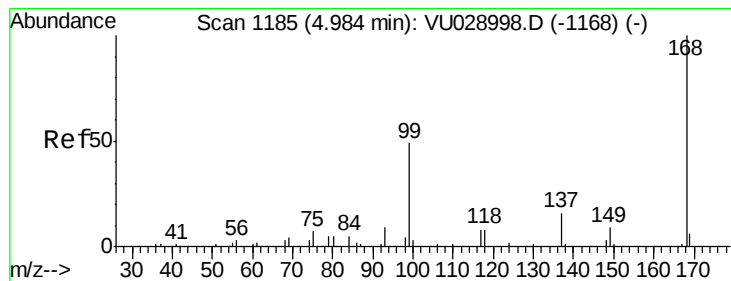
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

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Acq: 04 Jan 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

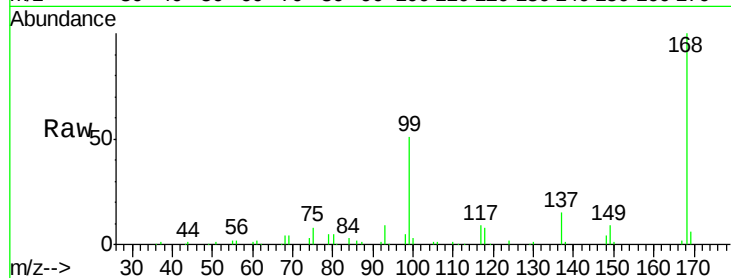
COMP-3-DRUM

Tot Ion:168 Resp: 111091

Ion Ratio Lower Upper

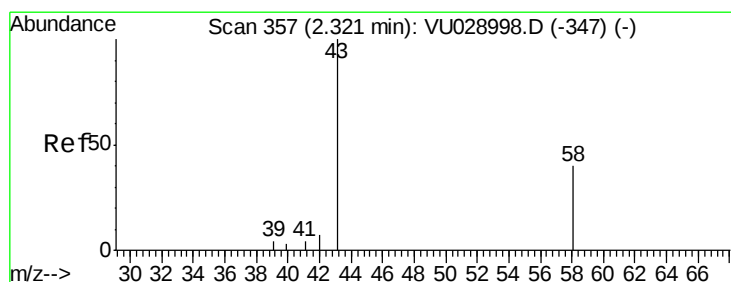
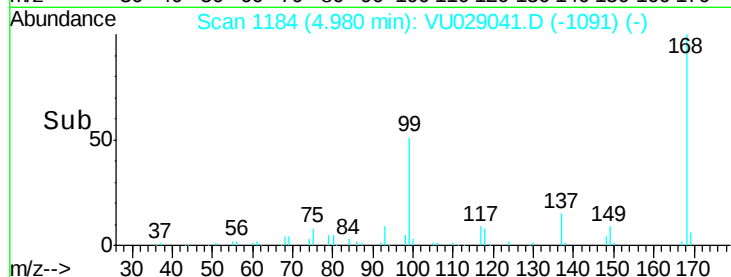
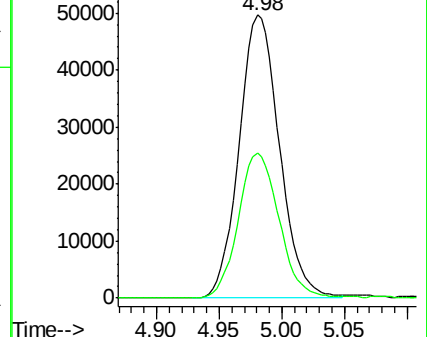
168 100

99 51.1 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: 2.997 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029041.D

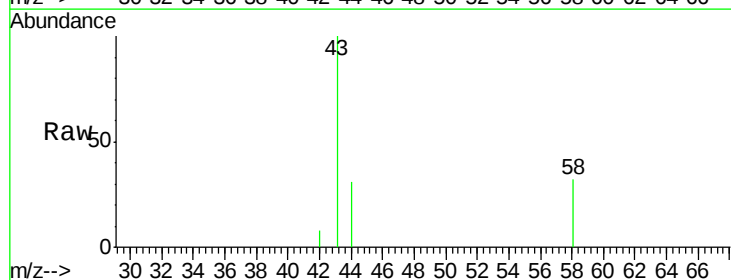
Acq: 04 Jan 2019 20:43

Tgt Ion: 43 Resp: 2593

Ion Ratio Lower Upper

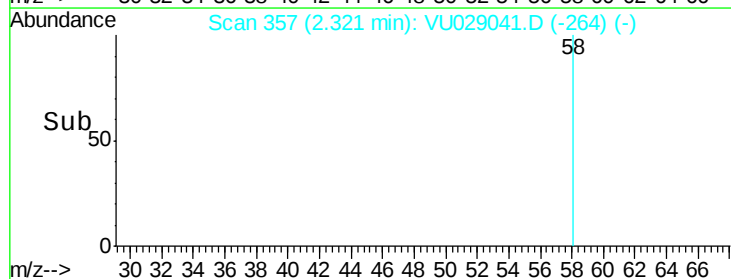
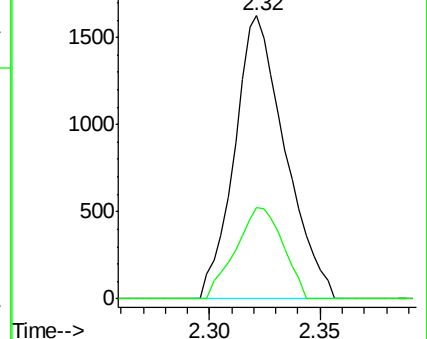
43 100

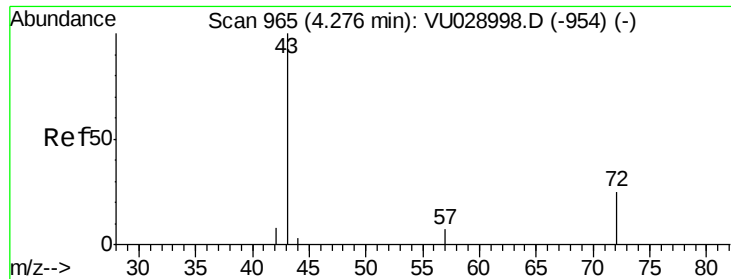
58 32.2 28.6 42.8



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

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





#25

2-Butanone

Concen: 20.088 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.01 min

Lab File: VU029041.D

Acq: 04 Jan 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

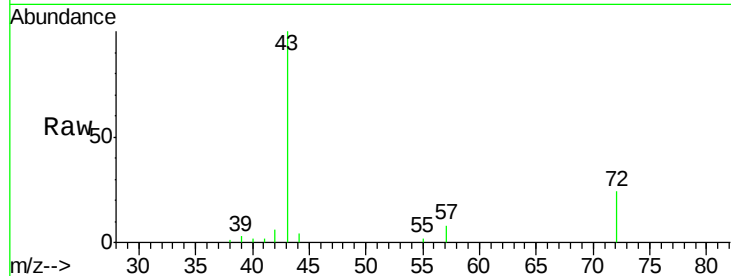
COMP-3-DRUM

Tot Ion: 43 Resp: 23472

Ion Ratio Lower Upper

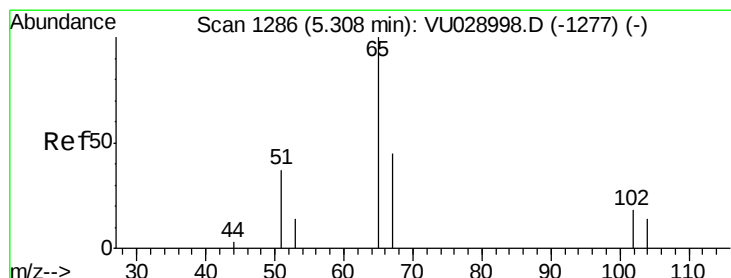
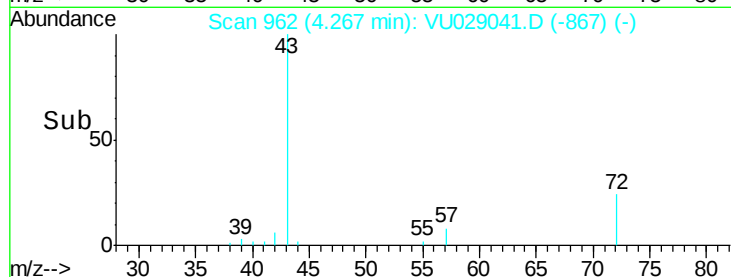
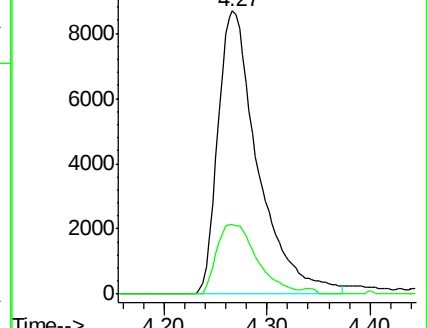
43 100

72 24.4 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-954) (-)

Ion 72.00 (71.70 to 72.70): VU028998.D (-954) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.097 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029041.D

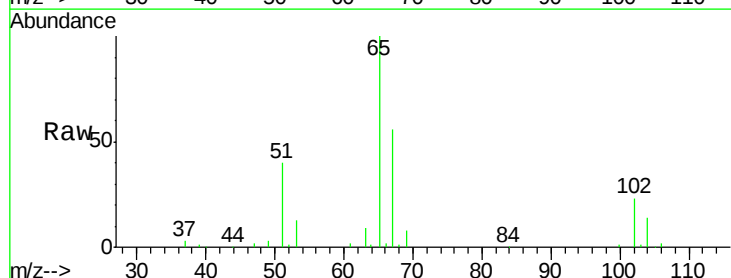
Acq: 04 Jan 2019 20:43

Tgt Ion: 65 Resp: 74292

Ion Ratio Lower Upper

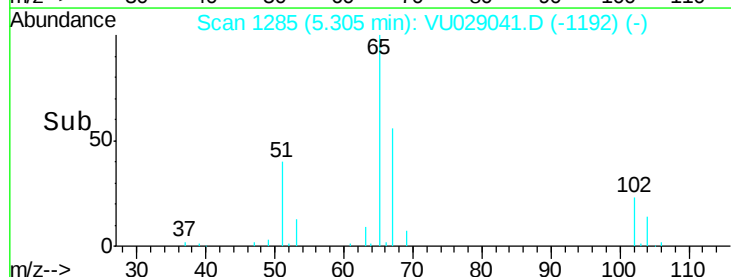
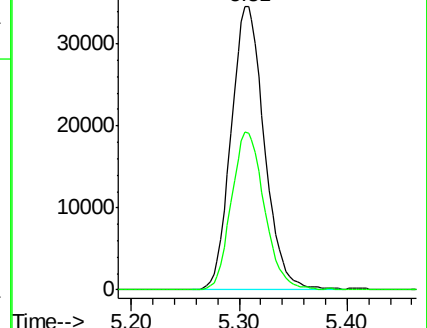
65 100

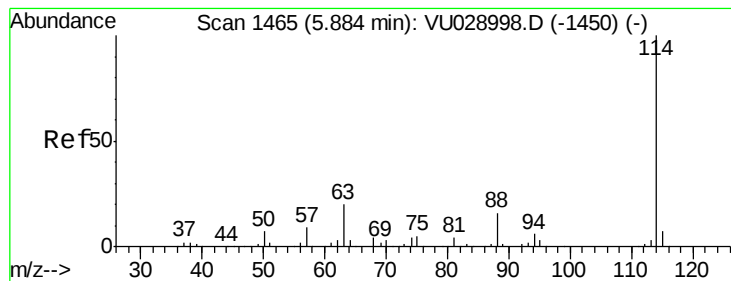
67 55.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028998.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU028998.D (-1277) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029041.D

Acq: 04 Jan 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

COMP-3-DRUM

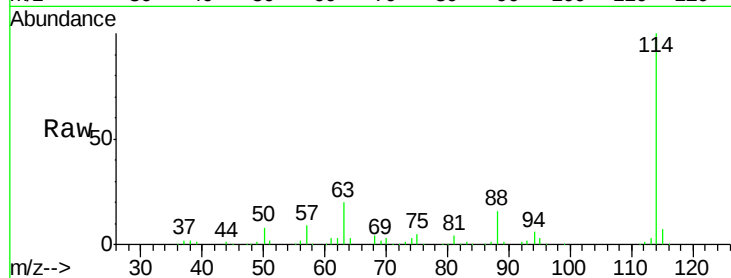
Tot Ion:114 Resp: 192419

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

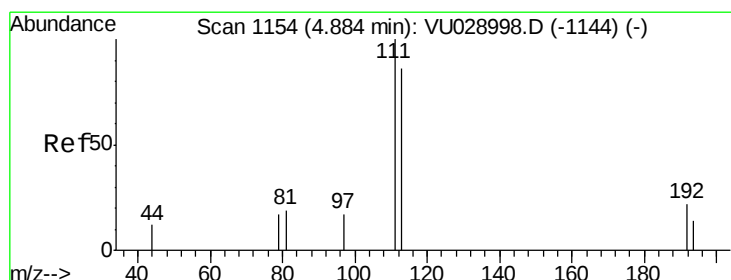
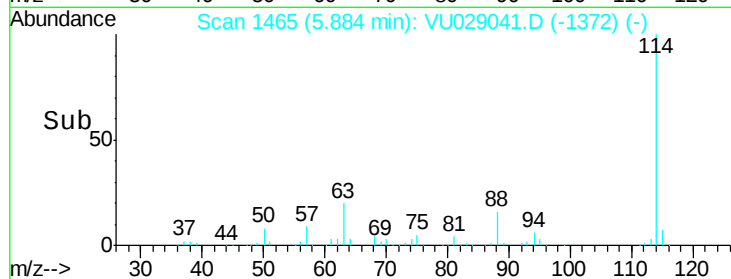
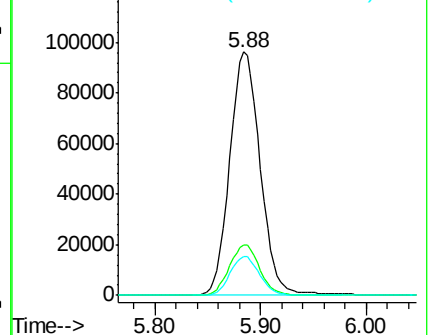
88 15.9 0.0 30.4



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: 52.355 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029041.D

Acq: 04 Jan 2019 20:43

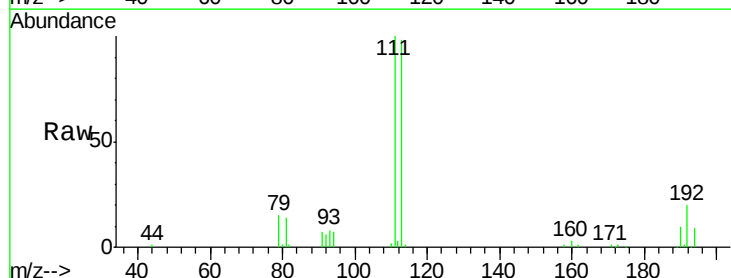
Tgt Ion:113 Resp: 65303

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

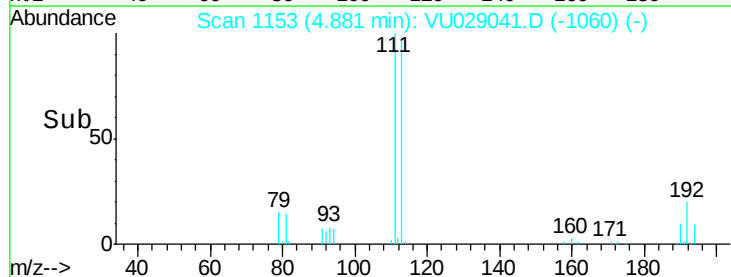
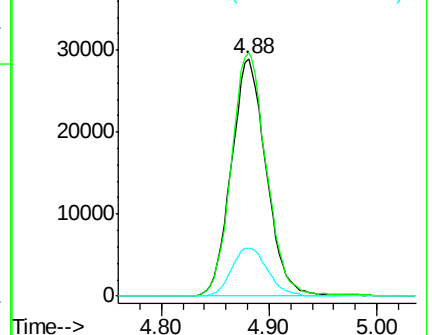
192 20.7 16.8 25.2

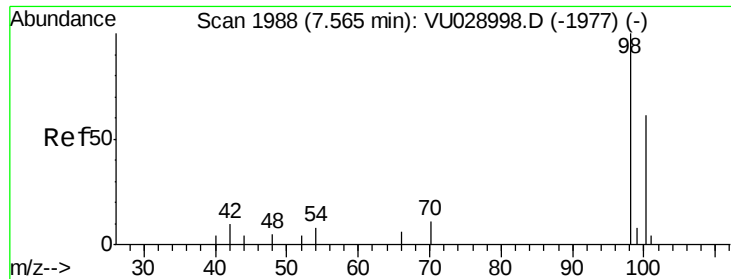


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

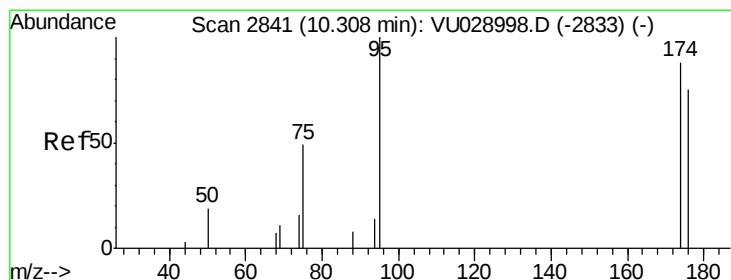
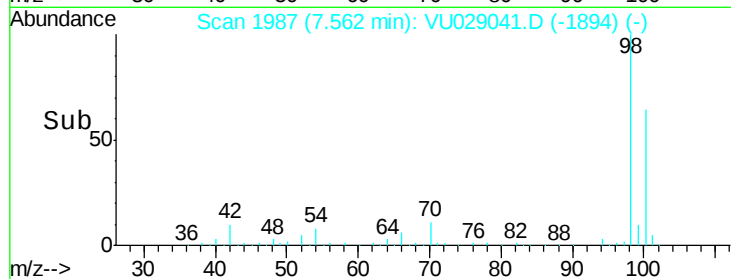
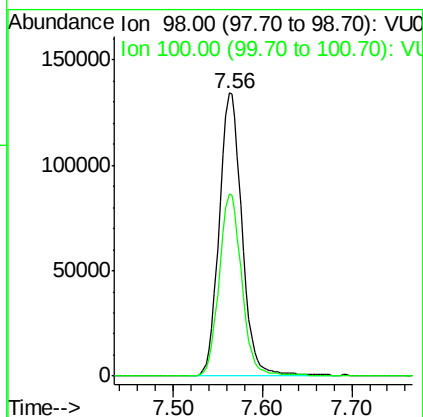
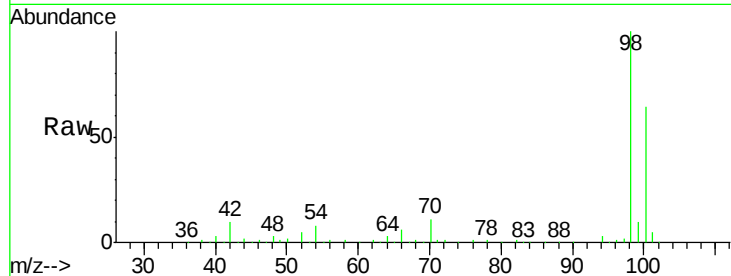




#50
Toluene-d8
Concen: 48.486 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029041.D
Acq: 04 Jan 2019 20:43

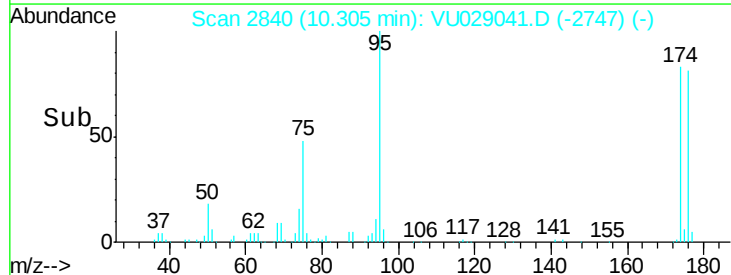
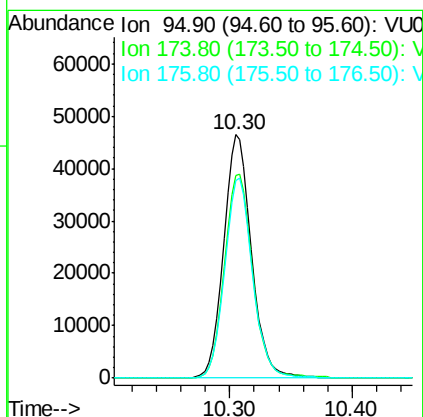
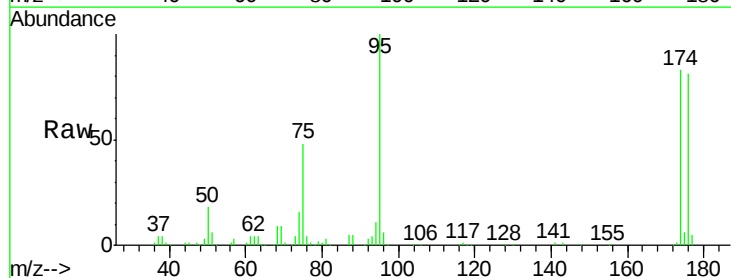
Instrument :
MSVOA_U
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COMP-3-DRUM

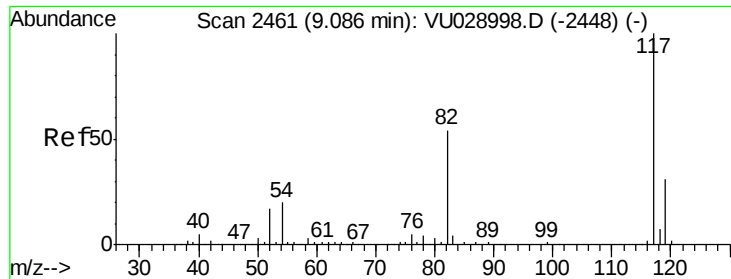
Tot Ion: 98 Resp: 238758
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.039 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029041.D
Acq: 04 Jan 2019 20:43

Tgt Ion: 95 Resp: 74396
Ion Ratio Lower Upper
95 100
174 85.6 0.0 170.6
176 82.4 0.0 165.0

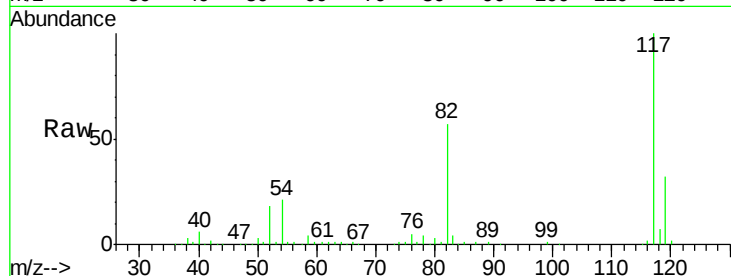




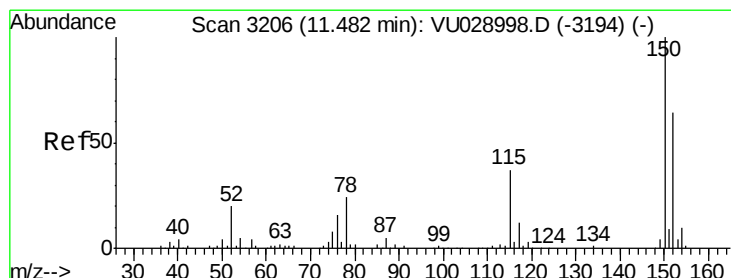
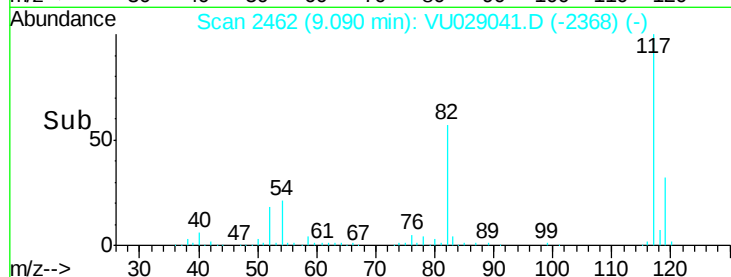
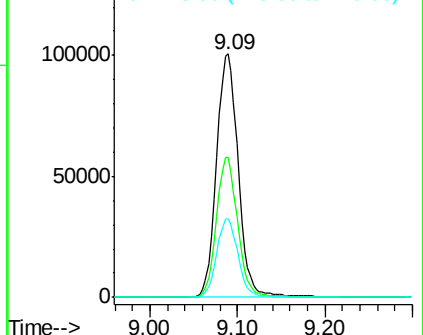
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029041.D
Acq: 04 Jan 2019 20:43

Instrument :
MSVOA_U
ClientSampleId :
COMP-3-DRUM

Tot Ion:117 Resp: 173947
Ion Ratio Lower Upper
117 100
82 57.3 43.9 65.9
119 32.4 26.0 39.0

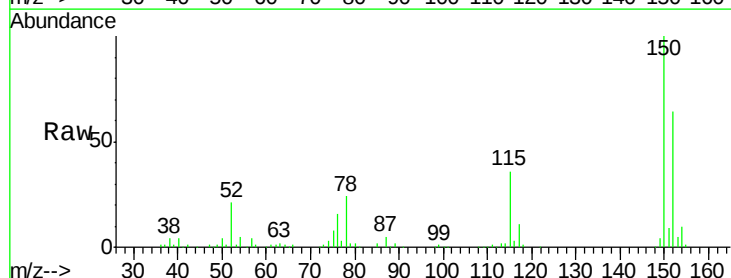


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029041.D
Acq: 04 Jan 2019 20:43

Tgt Ion:152 Resp: 68889
Ion Ratio Lower Upper
152 100
115 56.5 40.1 120.3
150 154.5 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

