

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029256.D
 Acq On : 21 Jan 2019 18:08
 Operator : JC/SP
 Sample : K1009-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-A

Quant Time: Jan 22 03:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

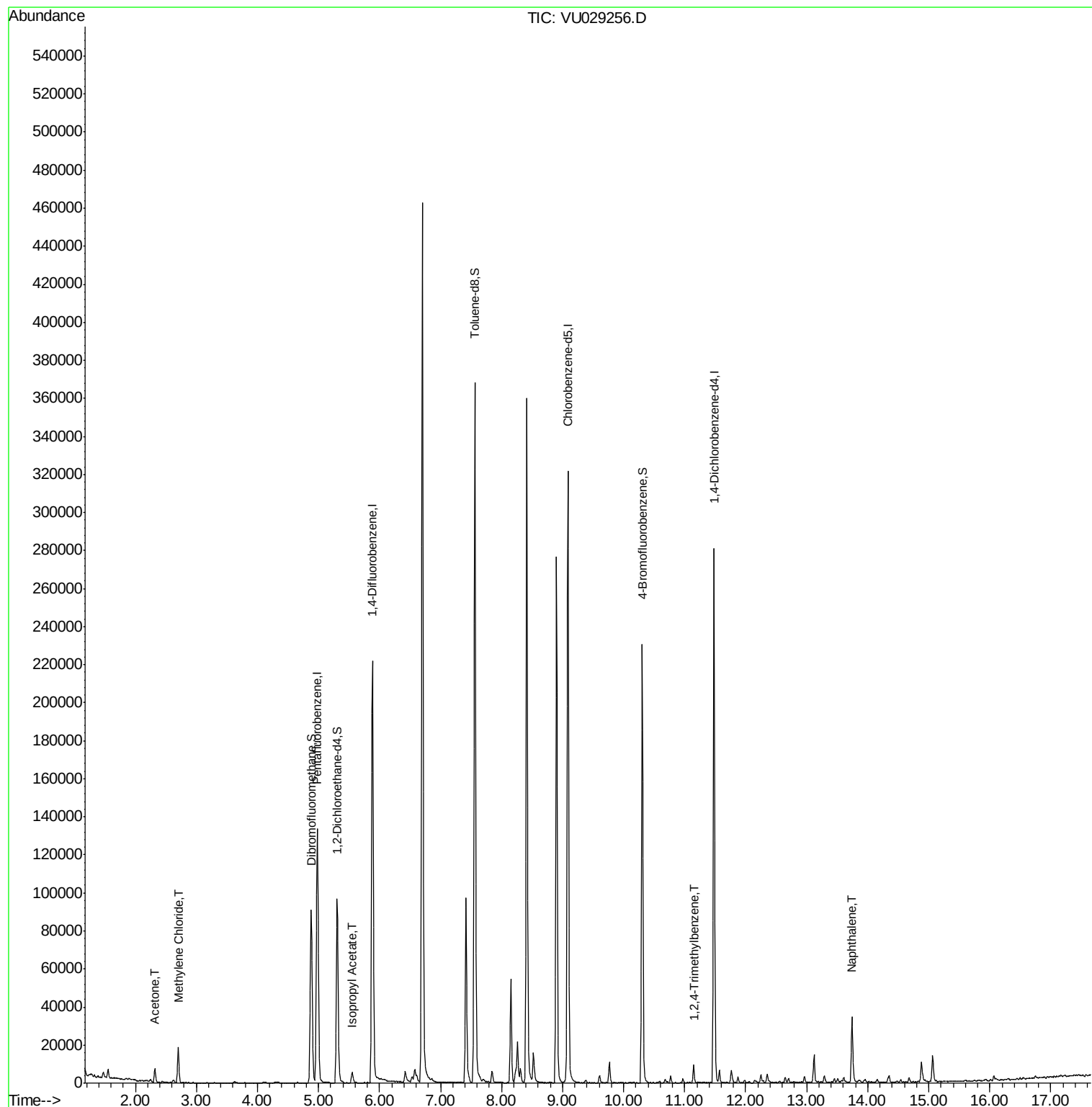
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	109821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	193587	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74388	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
35) Dibromofluoromethane	4.88	113	64863	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	7.56	98	251822	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	10.30	95	77774	43.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.36%	
Target Compounds						
16) Acetone	2.32	43	8195	9.582	ug/l	97
20) Methylene Chloride	2.70	84	8553	5.890	ug/l	96
43) Isopropyl Acetate	5.55	43	7049	2.164	ug/l #	87
84) 1,2,4-Trimethylbenzene	11.15	105	5411	1.160	ug/l	98
95) Naphthalene	13.74	128	31396	5.367	ug/l	99

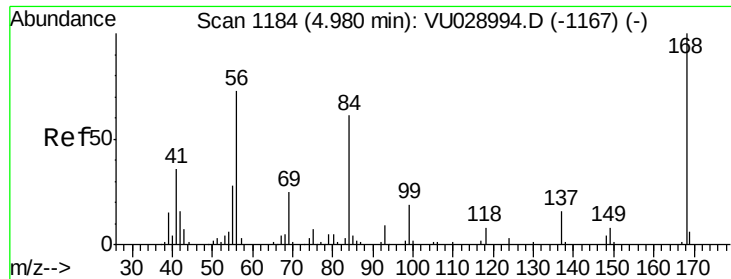
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029256.D

Acq: 21 Jan 2019 18:08

Instrument :

MSVOA_U

ClientSampleId :

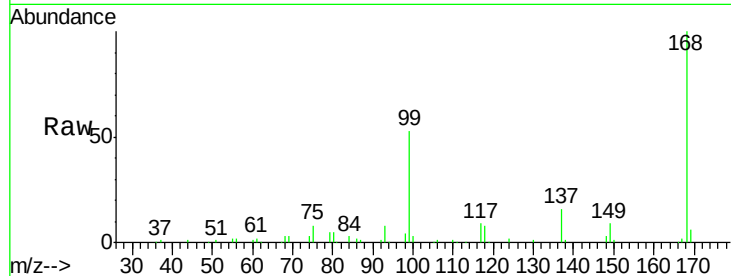
CL-01-011819-A

Tot Ion:168 Resp: 109821

Ion Ratio Lower Upper

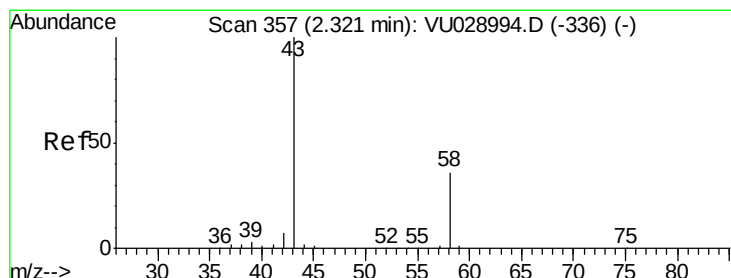
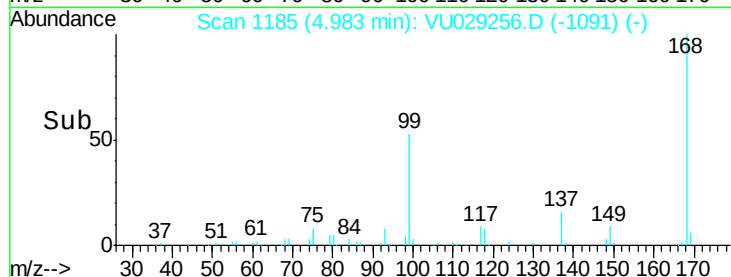
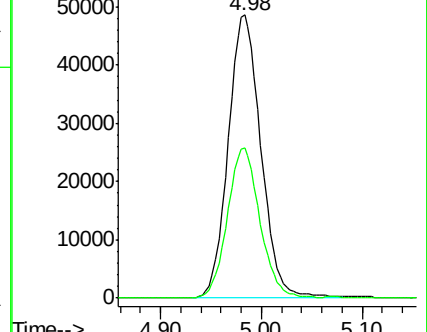
168 100

99 52.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#16

Acetone

Concen: 9.582 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029256.D

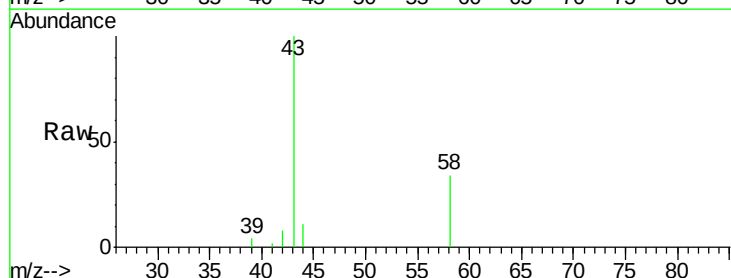
Acq: 21 Jan 2019 18:08

Tgt Ion: 43 Resp: 8195

Ion Ratio Lower Upper

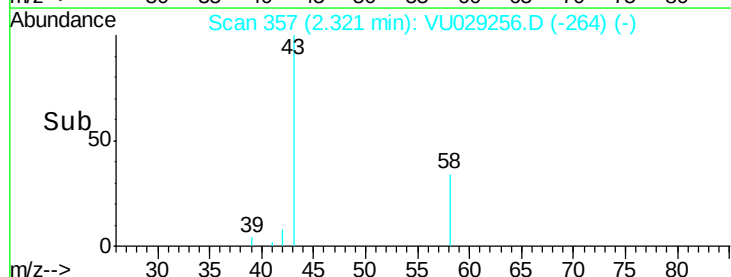
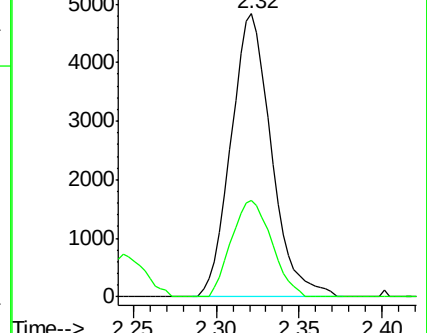
43 100

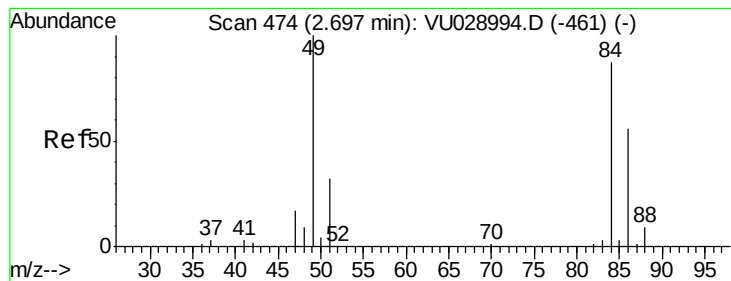
58 34.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)





#20

Methylene Chloride

Concen: 5.890 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU029256.D

Acq: 21 Jan 2019 18:08

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-A

Tot Ion: 84 Resp: 8553

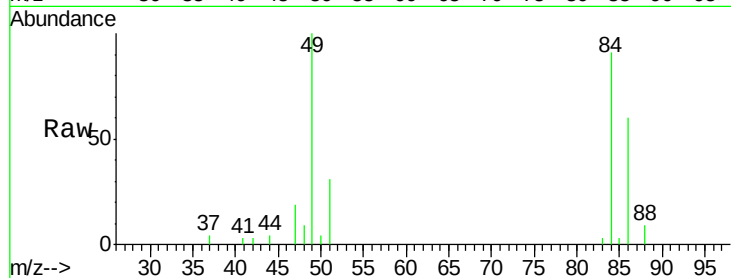
Ion Ratio Lower Upper

84 100

49 110.0 91.9 137.9

51 34.6 29.2 43.8

86 66.4 51.8 77.6

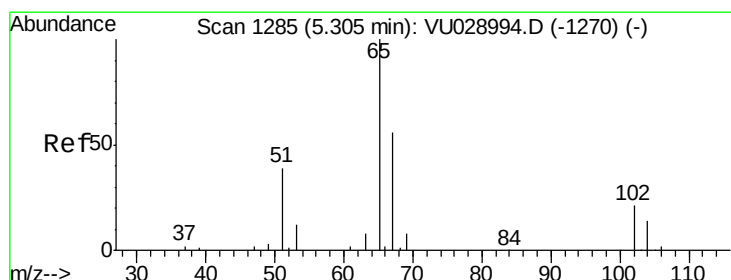
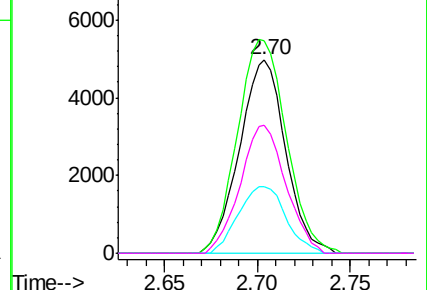
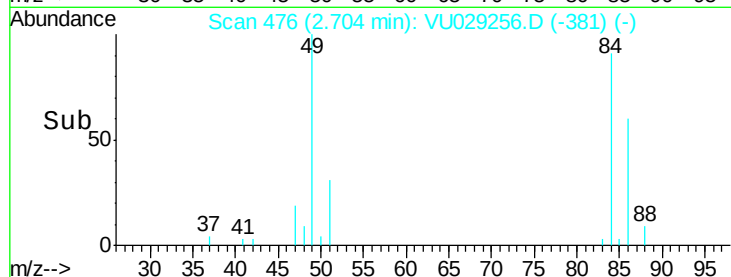


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 54.794 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029256.D

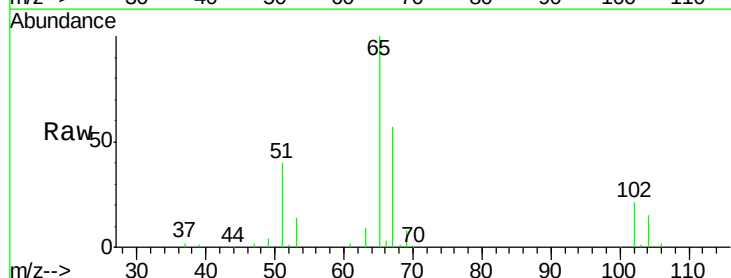
Acq: 21 Jan 2019 18:08

Tgt Ion: 65 Resp: 74388

Ion Ratio Lower Upper

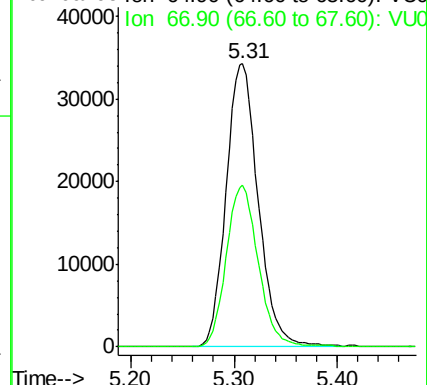
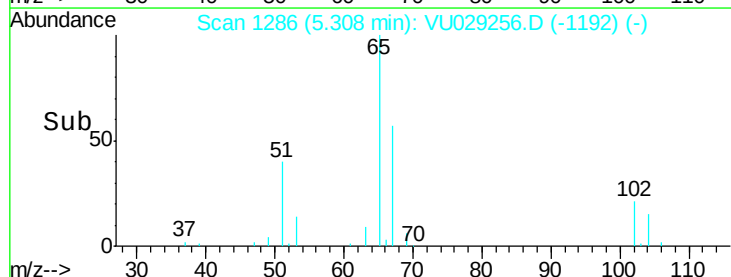
65 100

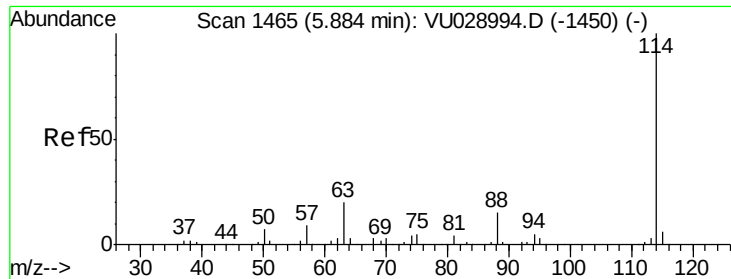
67 56.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU029256.D

Acq: 21 Jan 2019 18:08

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-A

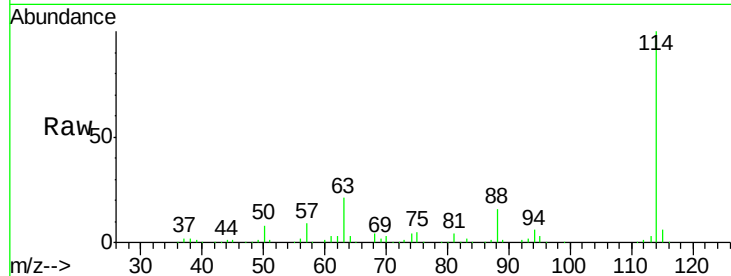
Tot Ion:114 Resp: 193587

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.2

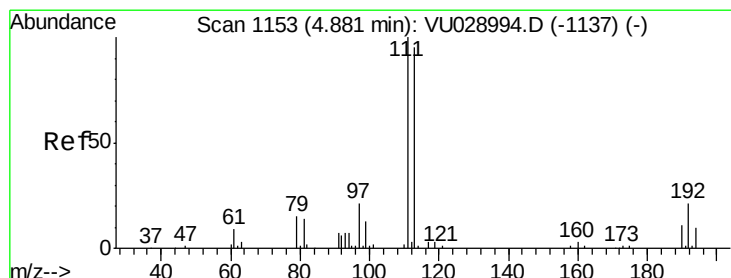
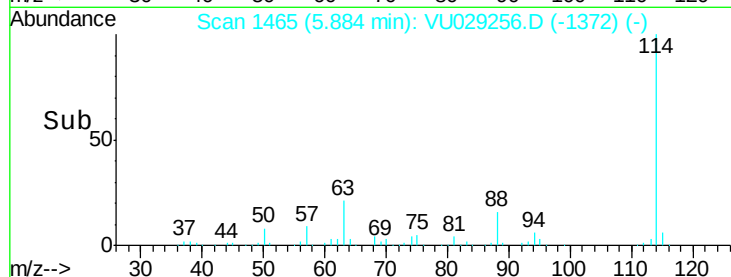
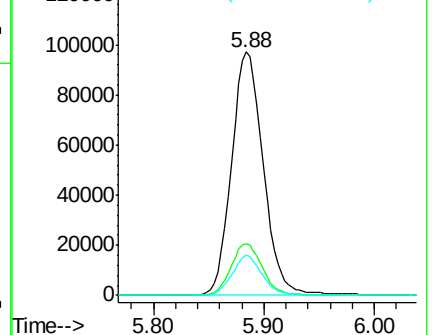
88 16.3 0.0 30.4



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: 51.688 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029256.D

Acq: 21 Jan 2019 18:08

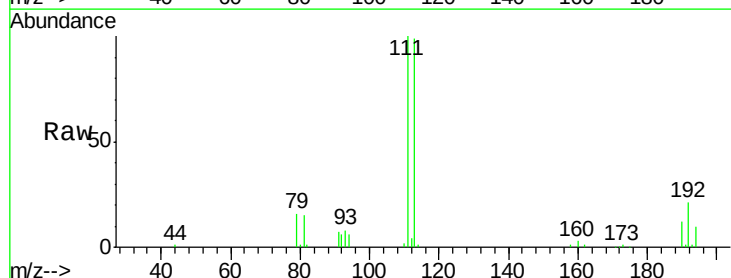
Tgt Ion:113 Resp: 64863

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.2

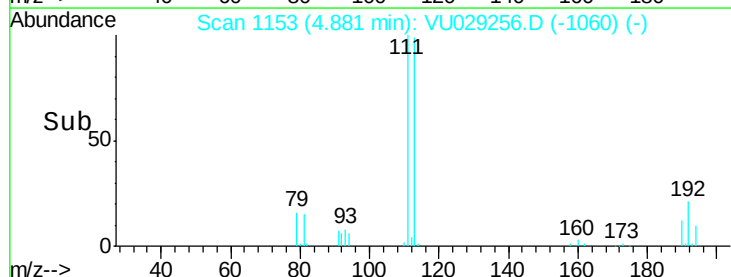
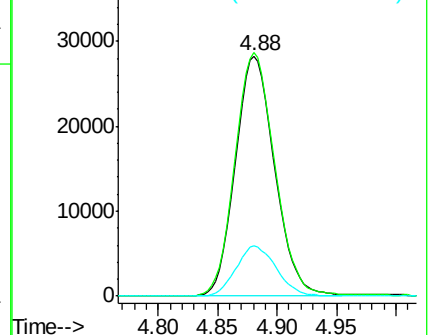
192 21.2 16.8 25.2

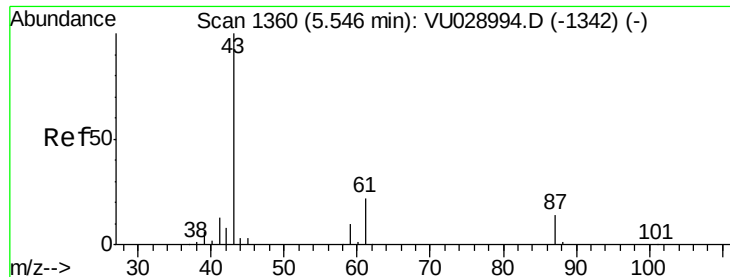


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.164 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029256.D

Acq: 21 Jan 2019 18:08

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-A

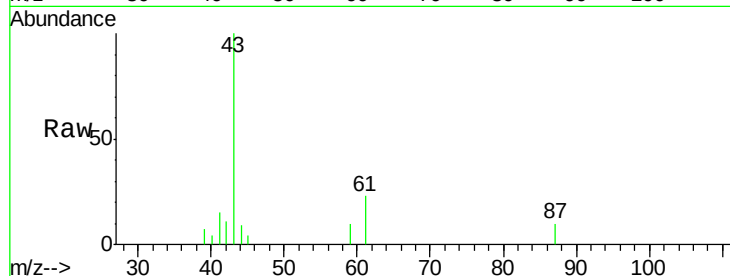
Tot Ion: 43 Resp: 7049

Ion Ratio Lower Upper

43 100

61 19.4 17.8 26.6

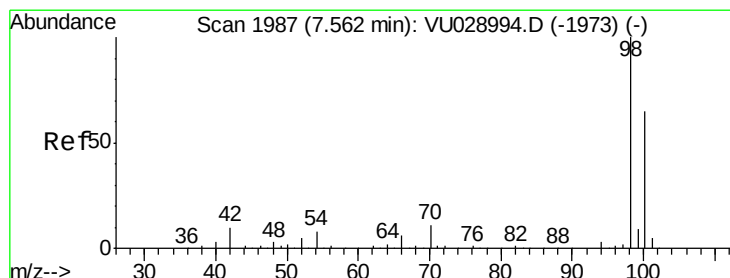
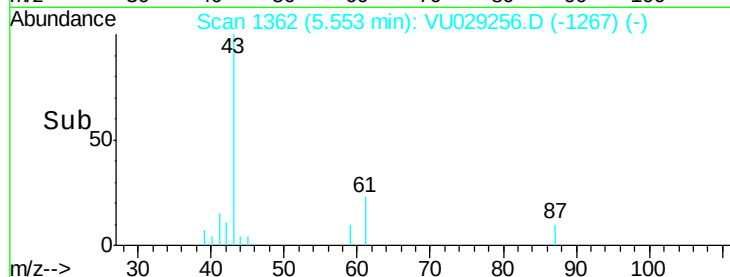
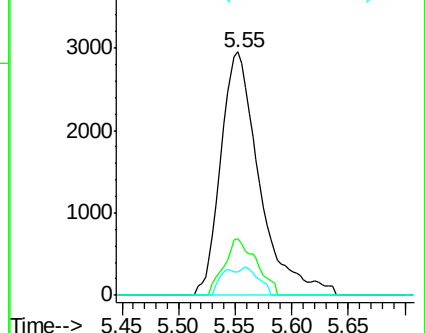
87 4.2 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VU029256.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU029256.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU029256.D (-1267) (-)



#50

Toluene-d8

Concen: 50.831 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029256.D

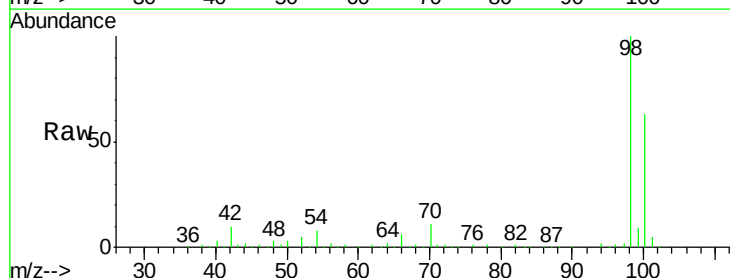
Acq: 21 Jan 2019 18:08

Tgt Ion: 98 Resp: 251822

Ion Ratio Lower Upper

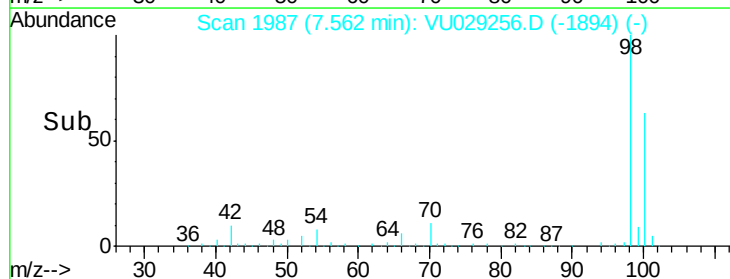
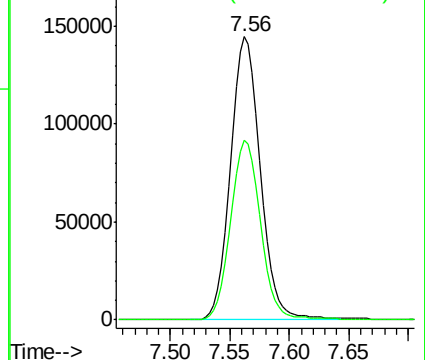
98 100

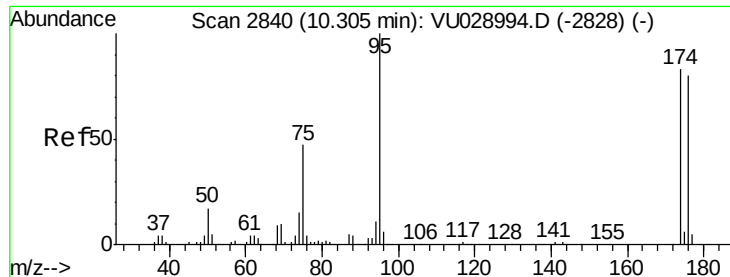
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029256.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU029256.D (-1894) (-)

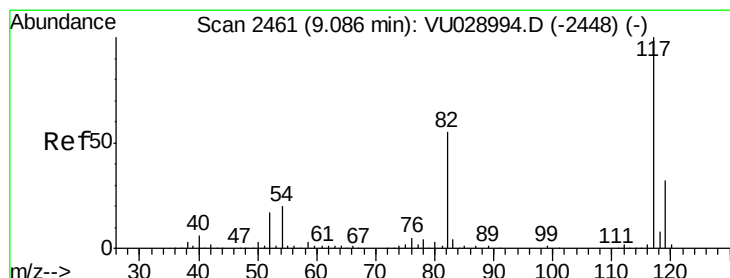
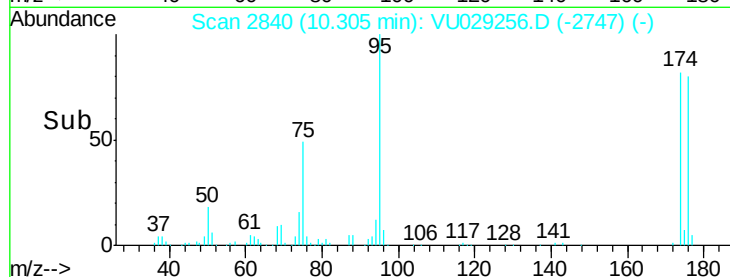
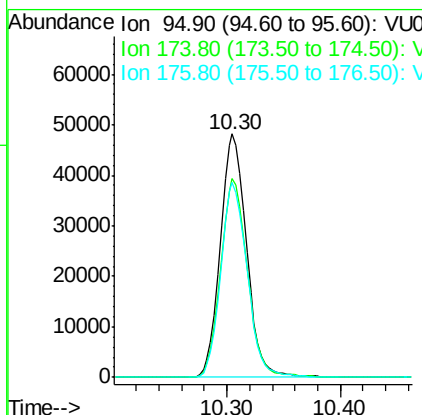
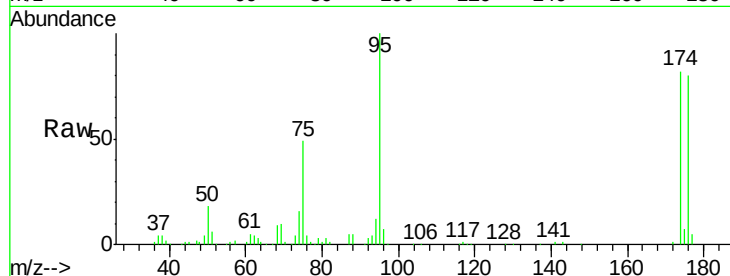




#62
4-Bromofluorobenzene
Concen: 43.683 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU029256.D
Acq: 21 Jan 2019 18:08

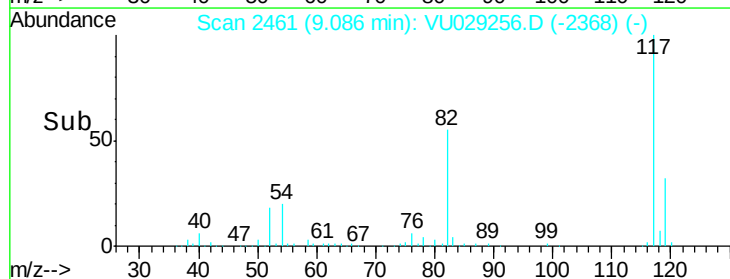
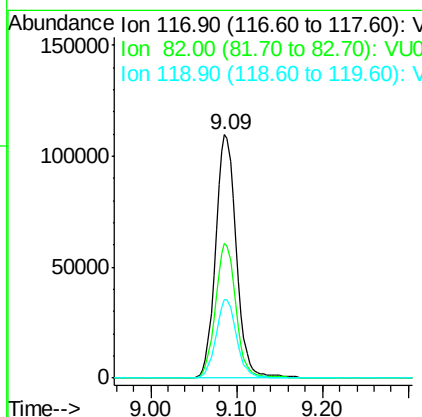
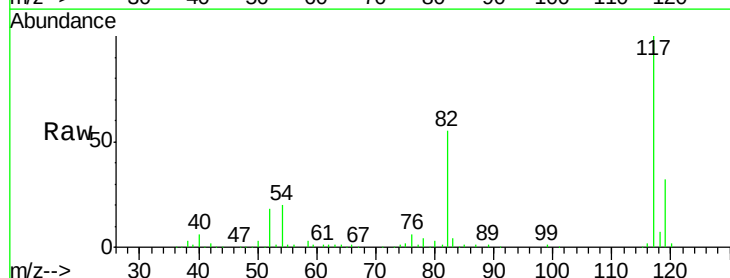
Instrument :
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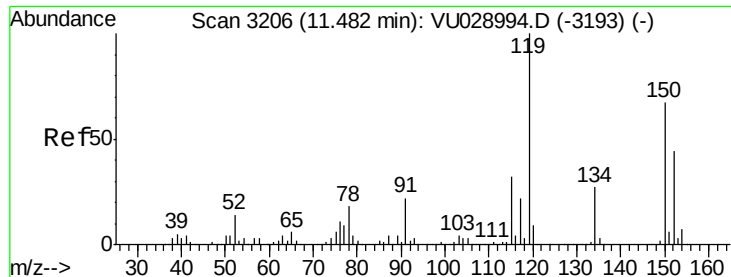
Tot Ion: 95 Resp: 77774
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.6
176 80.7 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029256.D
Acq: 21 Jan 2019 18:08

Tgt Ion: 117 Resp: 184876
Ion Ratio Lower Upper
117 100
82 55.3 43.9 65.9
119 32.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU029256.D

Acq: 21 Jan 2019 18:08

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-A

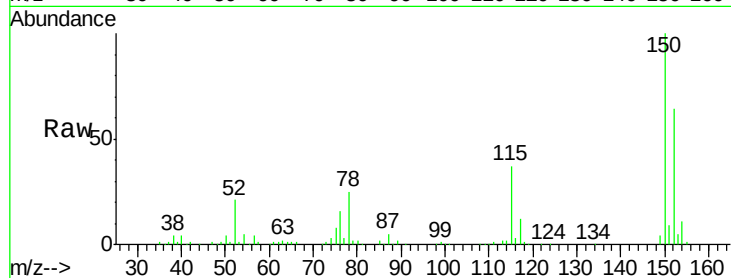
Tot Ion:152 Resp: 75598

Ion Ratio Lower Upper

152 100

115 57.9 40.1 120.3

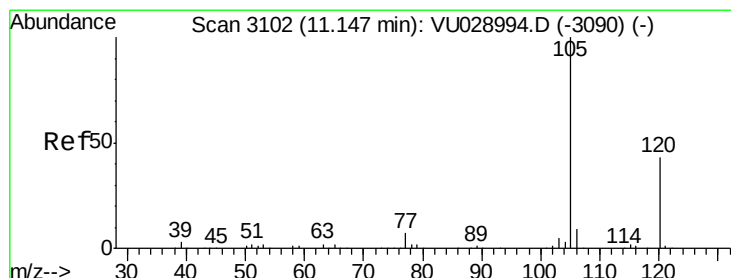
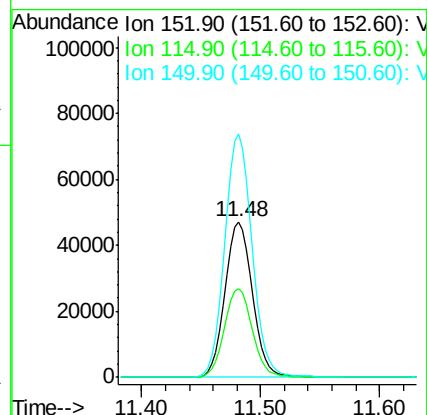
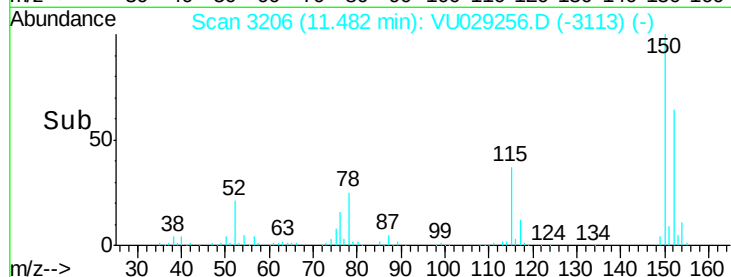
150 155.6 0.0 345.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.160 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029256.D

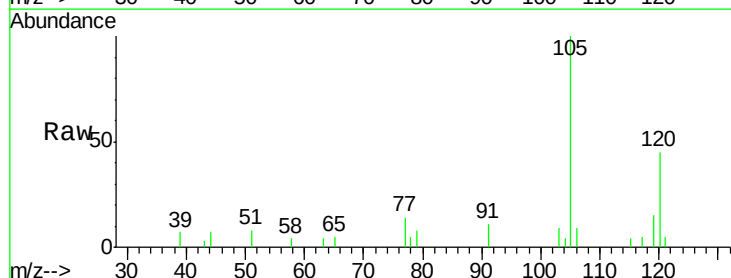
Acq: 21 Jan 2019 18:08

Tgt Ion:105 Resp: 5411

Ion Ratio Lower Upper

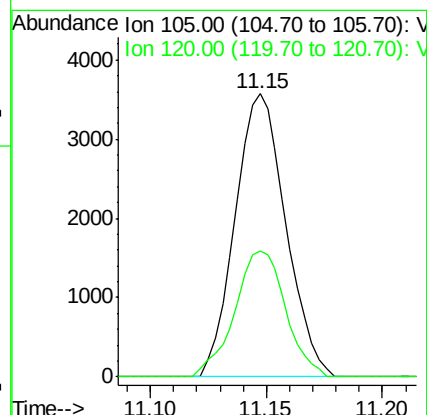
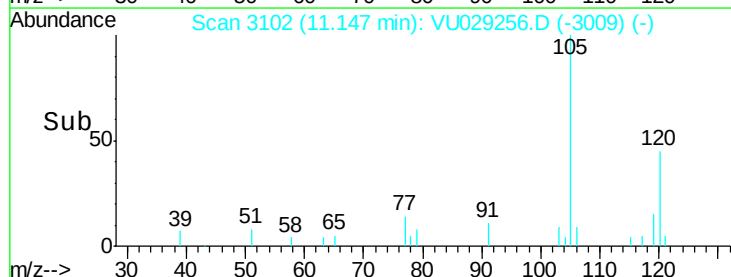
105 100

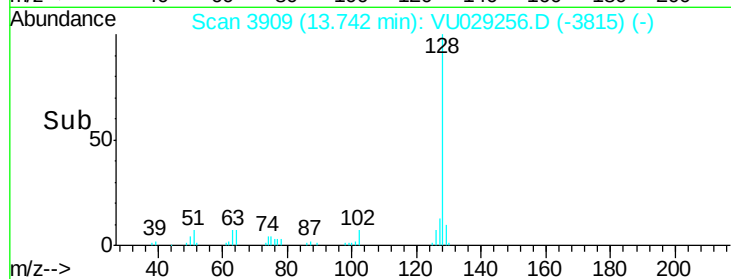
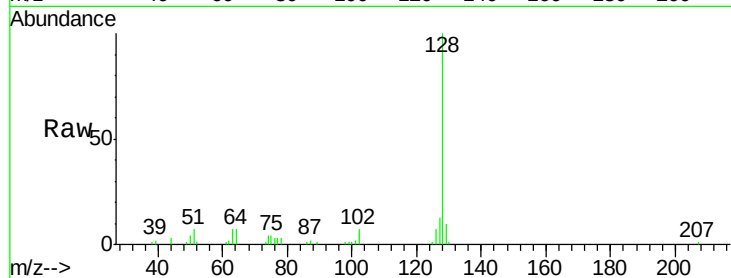
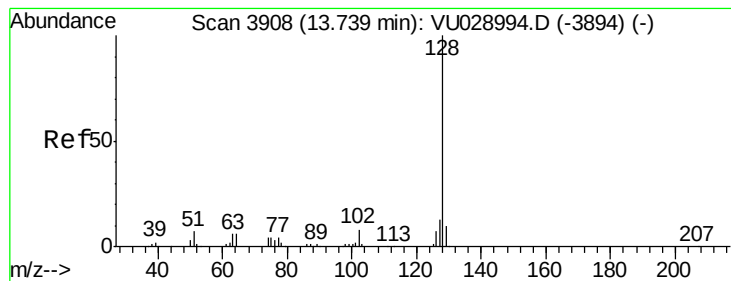
120 44.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.367 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029256.D

Acq: 21 Jan 2019 18:08

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-A

Tot Ion:128 Resp: 31396

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 10.3 8.5 12.7

