

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029255.D
 Acq On : 21 Jan 2019 17:44
 Operator : JC/SP
 Sample : K1015-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SU-01-011719-A

Quant Time: Jan 22 02:59:10 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	113348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	199456	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	186986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	65394	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	77244	55.13	ug/l	0.00
Spiked Amount			Recovery	=	110.26%	
35) Dibromofluoromethane	4.88	113	67512	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
50) Toluene-d8	7.56	98	244085	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	10.30	95	78934	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	

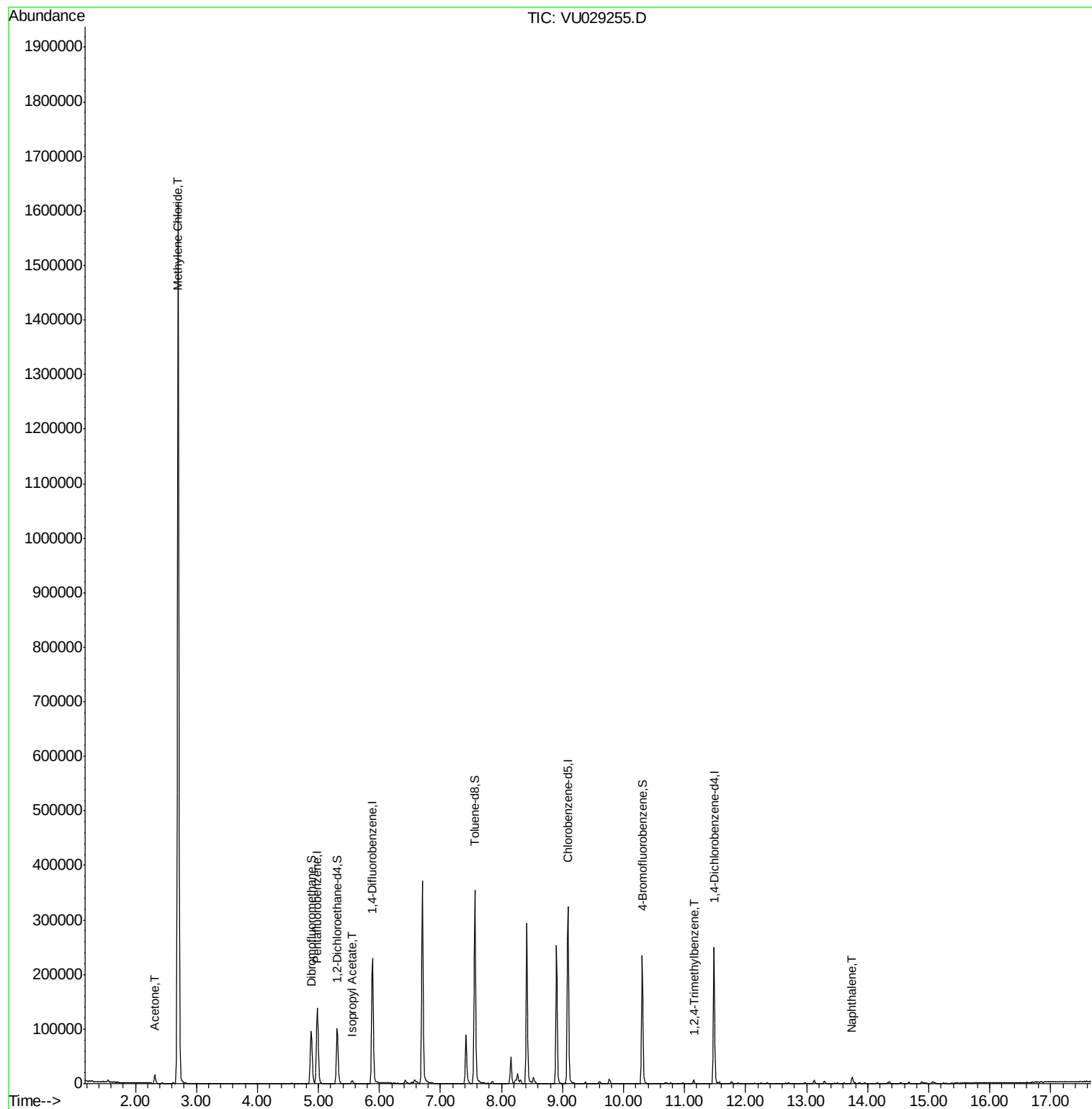
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	16864	19.105	ug/l	95
20) Methylene Chloride	2.70	84	702916	469.021	ug/l	96
43) Isopropyl Acetate	5.55	43	6614	1.970	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	4108	1.018	ug/l	93
95) Naphthalene	13.74	128	13083	2.585	ug/l	97

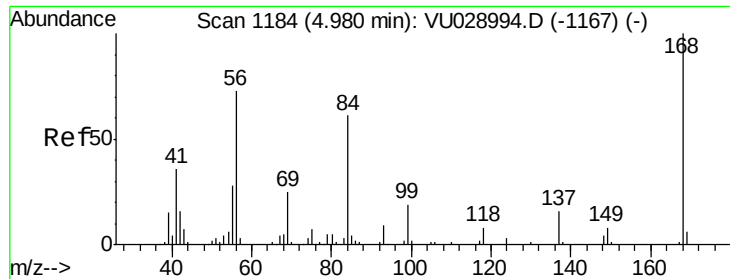
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012119\
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Instrument :
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ClientSampleId :
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Quant Time: Jan 22 02:59:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
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: VU029255.D

Acq: 21 Jan 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

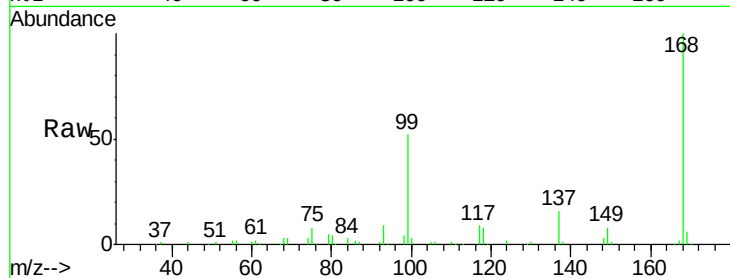
SU-01-011719-A

Tot Ion:168 Resp: 113348

Ion Ratio Lower Upper

168 100

99 52.1 42.0 63.0

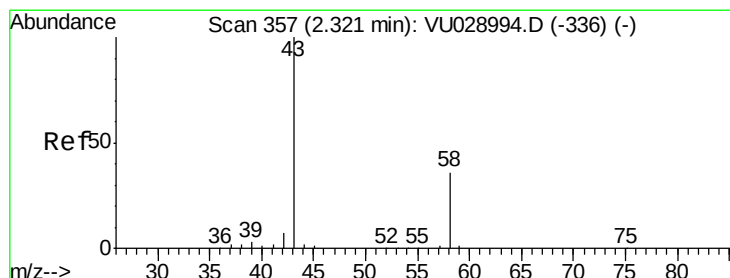
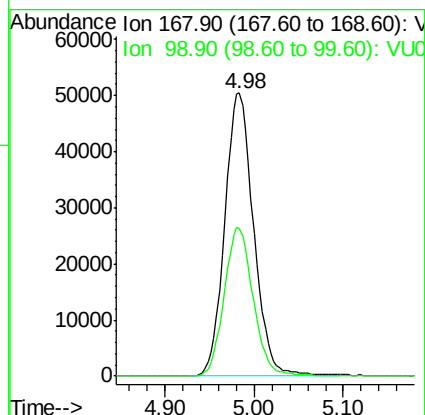
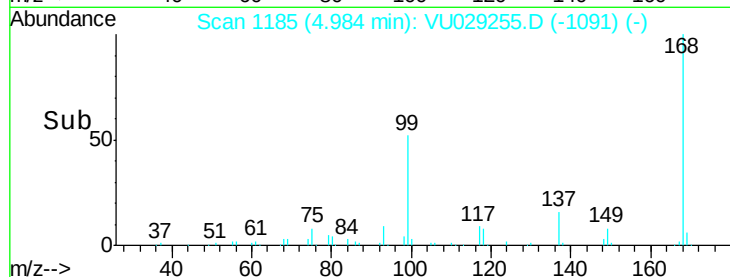


Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

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

4.98

Time-->



#16

Acetone

Concen: 19.105 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029255.D

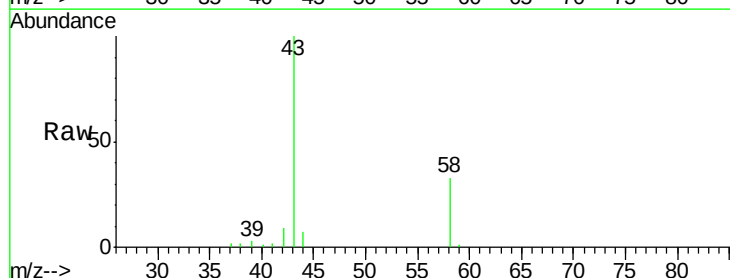
Acq: 21 Jan 2019 17:44

Tgt Ion: 43 Resp: 16864

Ion Ratio Lower Upper

43 100

58 32.8 28.6 42.8

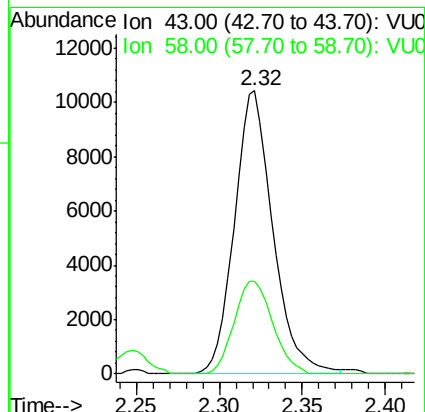
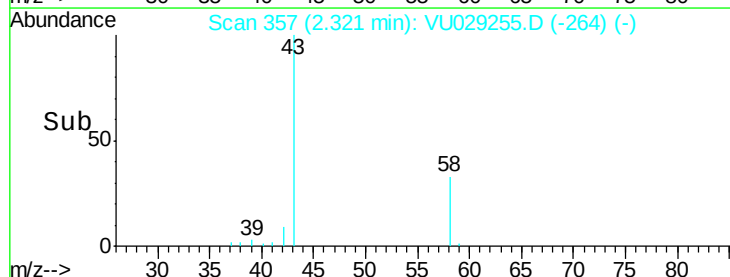


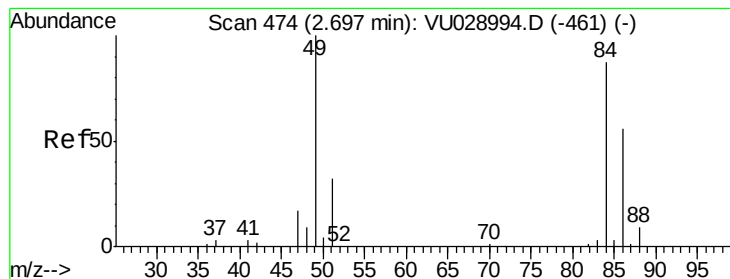
Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

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

2.32

Time-->





#20

Methylene Chloride

Concen: 469.021 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029255.D

Acq: 21 Jan 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

SU-01-011719-A

Tot Ion: 84 Resp: 702916

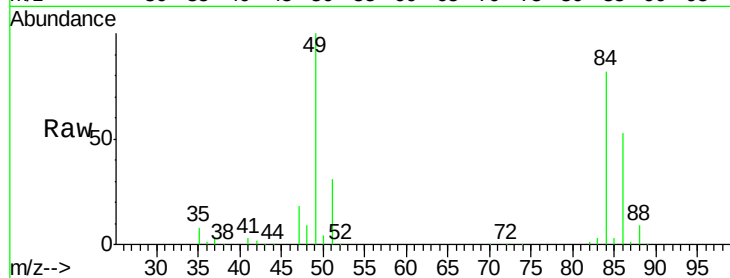
Ion Ratio Lower Upper

84 100

49 121.8 91.9 137.9

51 37.8 29.2 43.8

86 64.9 51.8 77.6

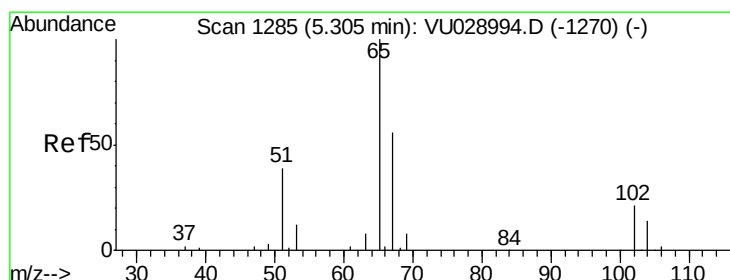
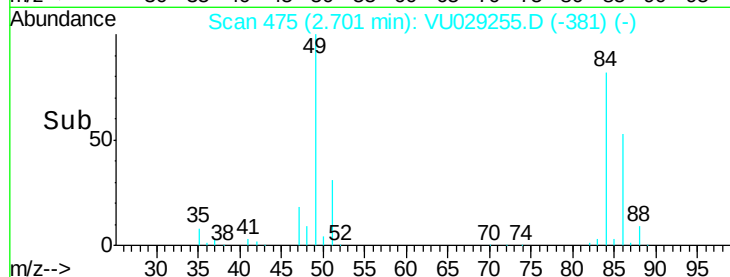
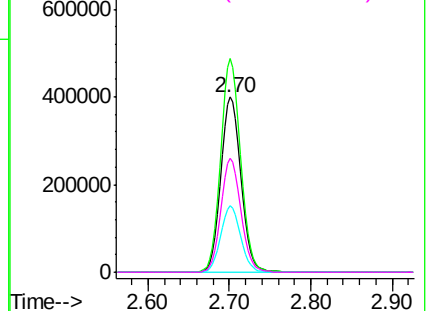


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 55.127 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029255.D

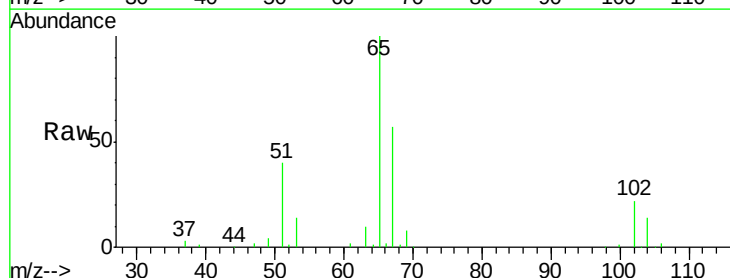
Acq: 21 Jan 2019 17:44

Tgt Ion: 65 Resp: 77244

Ion Ratio Lower Upper

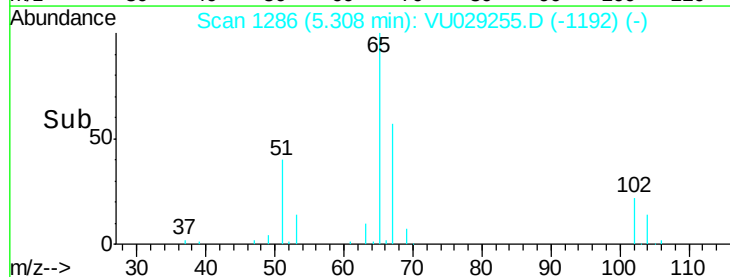
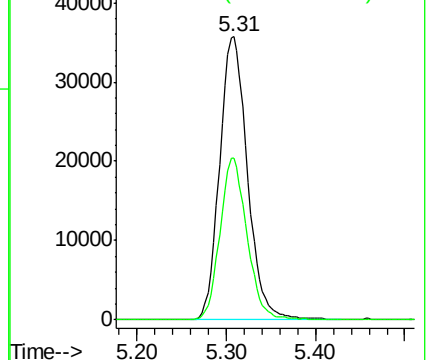
65 100

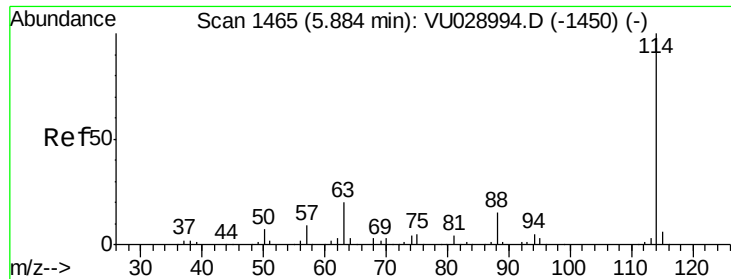
67 55.2 0.0 111.0



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: VU029255.D

Acq: 21 Jan 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

SU-01-011719-A

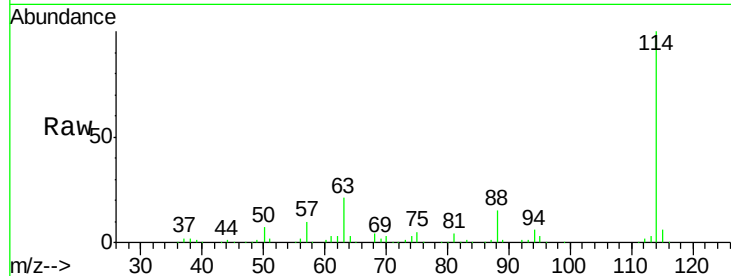
Tot Ion:114 Resp: 199456

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.2

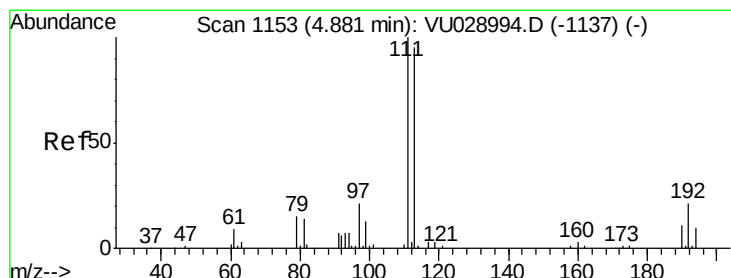
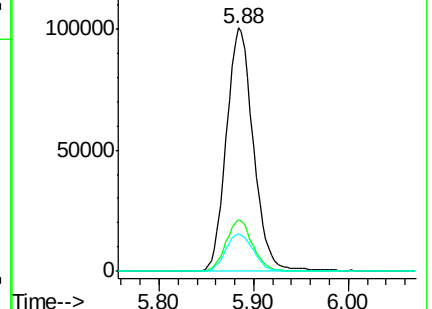
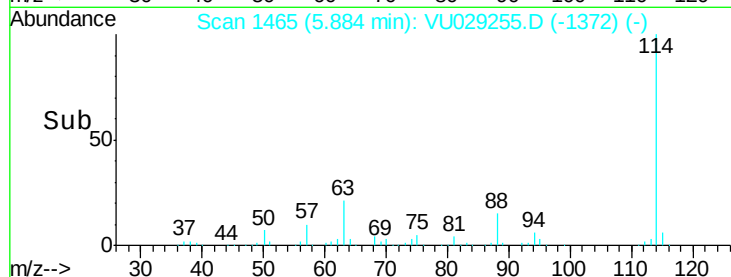
88 15.4 0.0 30.4



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: 52.216 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029255.D

Acq: 21 Jan 2019 17:44

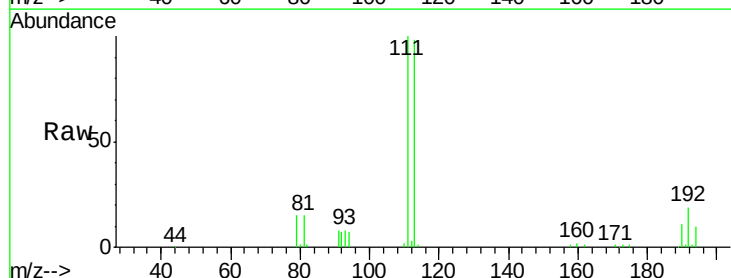
Tgt Ion:113 Resp: 67512

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.2

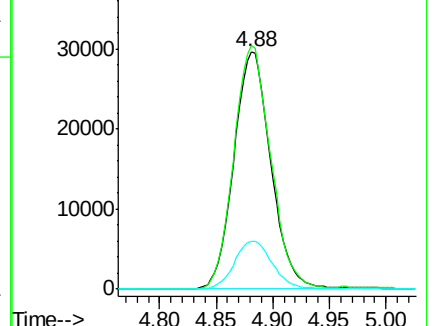
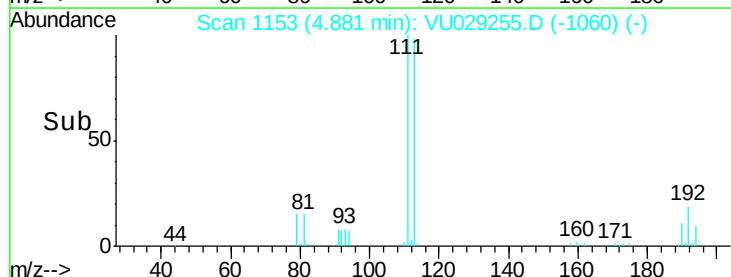
192 20.6 16.8 25.2

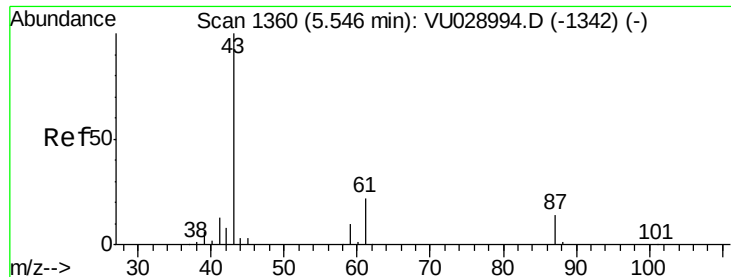


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.970 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029255.D

Acq: 21 Jan 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

SU-01-011719-A

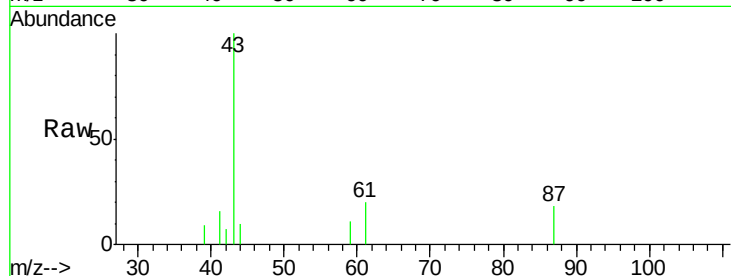
Tot Ion: 43 Resp: 6614

Ion Ratio Lower Upper

43 100

61 19.4 17.8 26.6

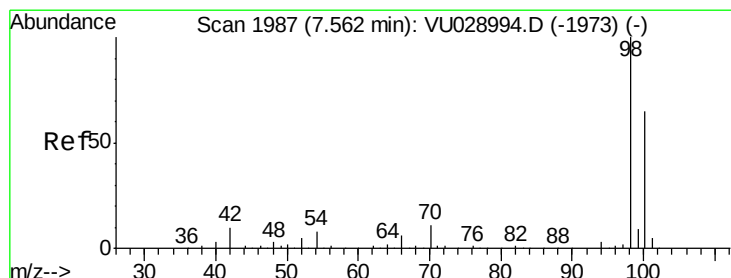
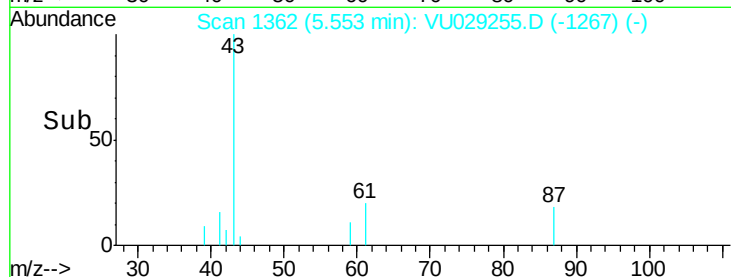
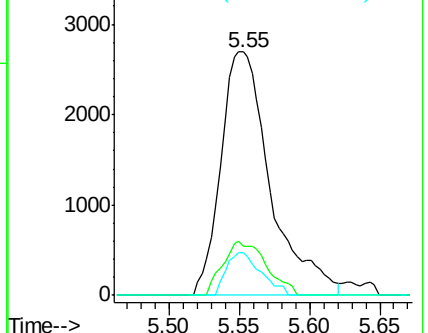
87 12.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#50

Toluene-d8

Concen: 47.819 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029255.D

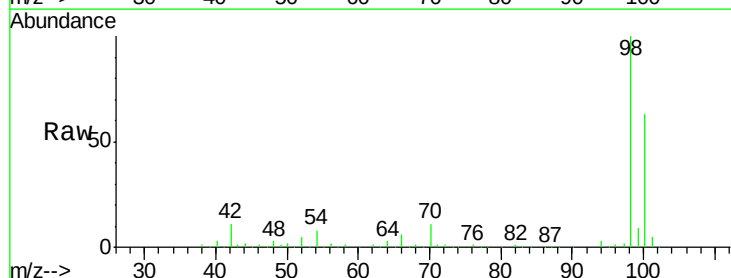
Acq: 21 Jan 2019 17:44

Tgt Ion: 98 Resp: 244085

Ion Ratio Lower Upper

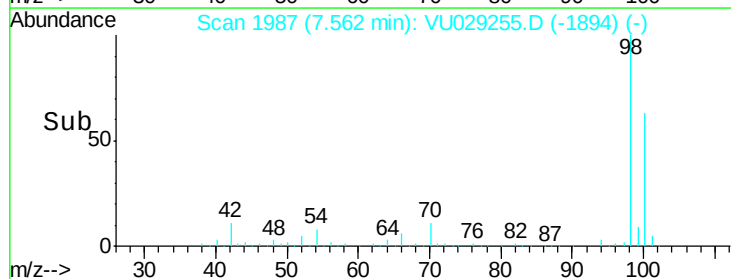
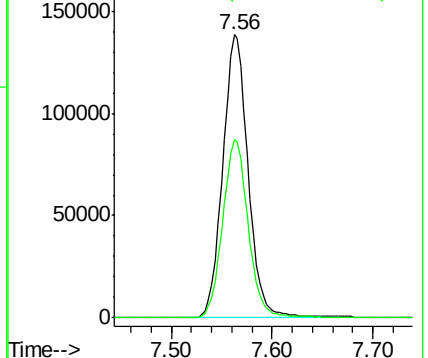
98 100

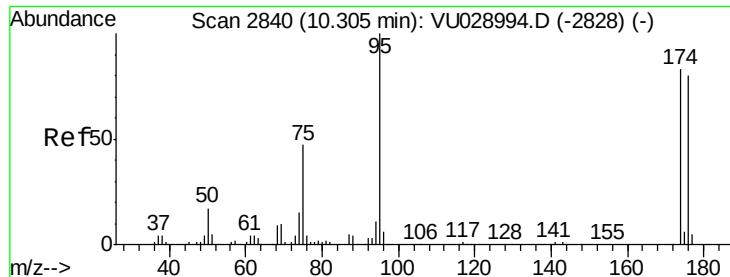
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)





#62

4-Bromofluorobenzene

Concen: 43.030 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029255.D

Acq: 21 Jan 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

SU-01-011719-A

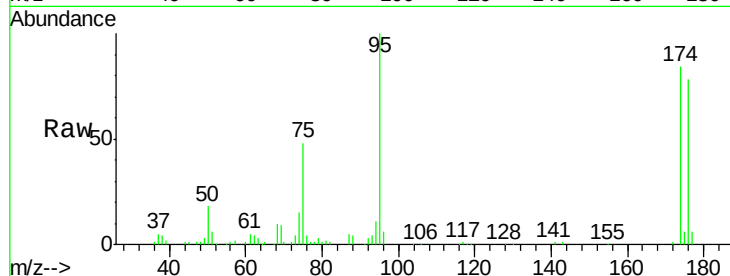
Tot Ion: 95 Resp: 78934

Ion Ratio Lower Upper

95 100

174 84.6 0.0 170.6

176 78.9 0.0 165.0

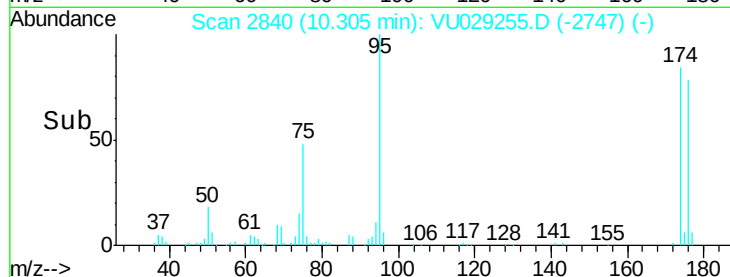


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

Time-->

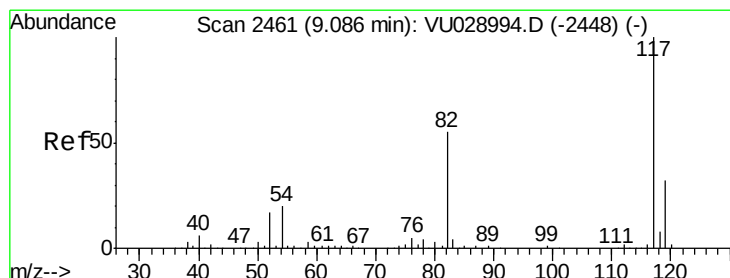


Abundance Ion 94.90 (94.60 to 95.60): VU029255.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU029255.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU029255.D (-2747) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029255.D

Acq: 21 Jan 2019 17:44

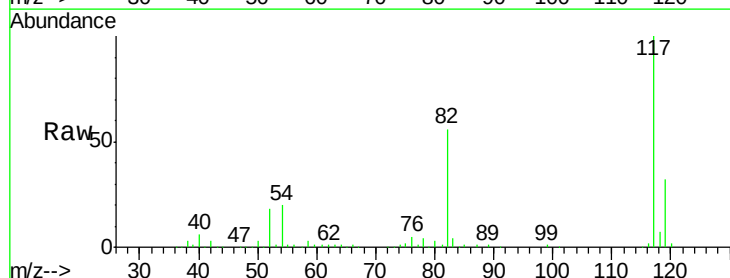
Tgt Ion: 117 Resp: 186986

Ion Ratio Lower Upper

117 100

82 56.3 43.9 65.9

119 31.9 26.0 39.0

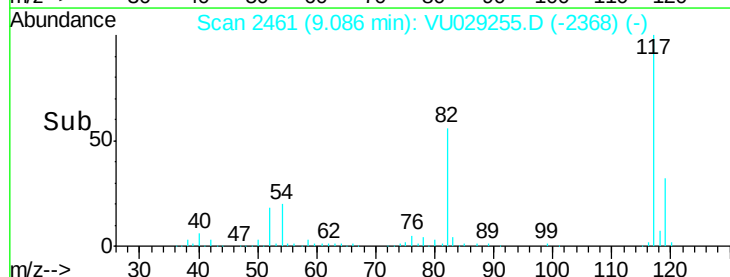


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)

Time-->

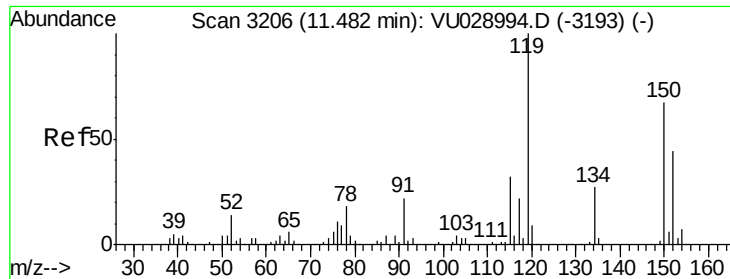


Abundance Ion 116.90 (116.60 to 117.60): VU029255.D (-2368) (-)

Ion 82.00 (81.70 to 82.70): VU029255.D (-2368) (-)

Ion 118.90 (118.60 to 119.60): VU029255.D (-2368) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029255.D

Acq: 21 Jan 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

SU-01-011719-A

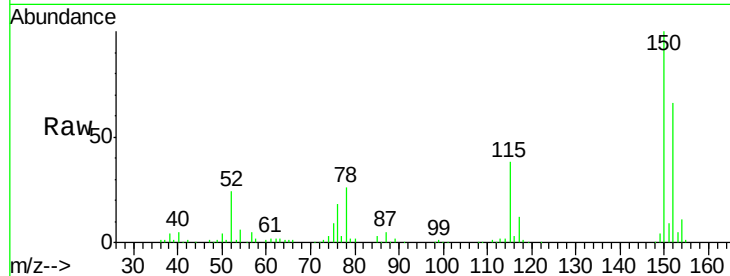
Tot Ion:152 Resp: 65394

Ion Ratio Lower Upper

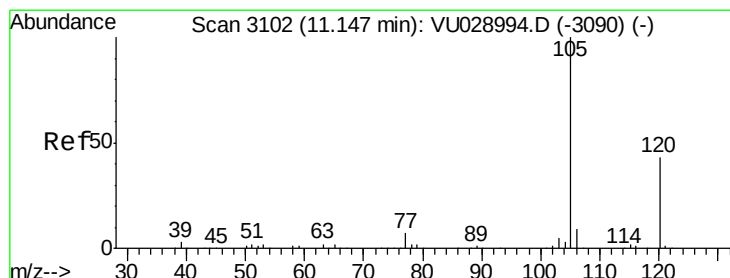
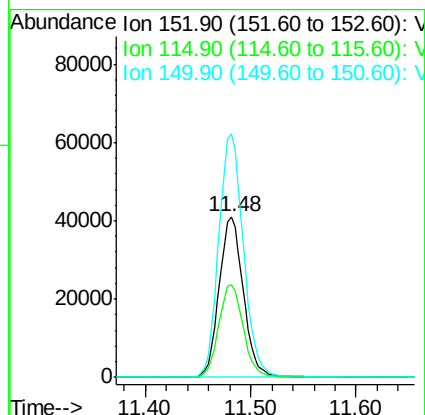
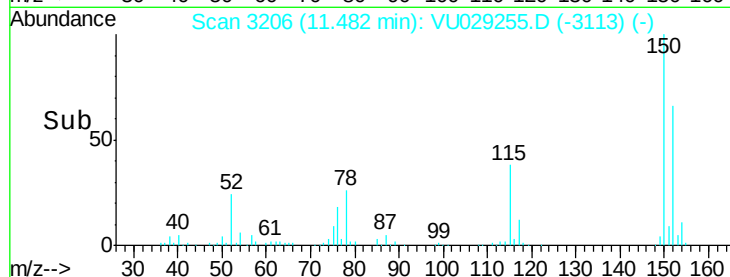
152 100

115 58.5 40.1 120.3

150 154.7 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: 1.018 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029255.D

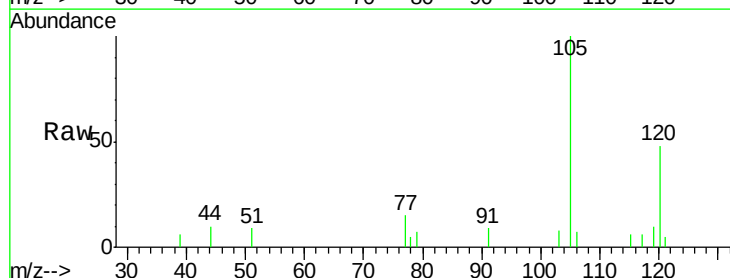
Acq: 21 Jan 2019 17:44

Tgt Ion:105 Resp: 4108

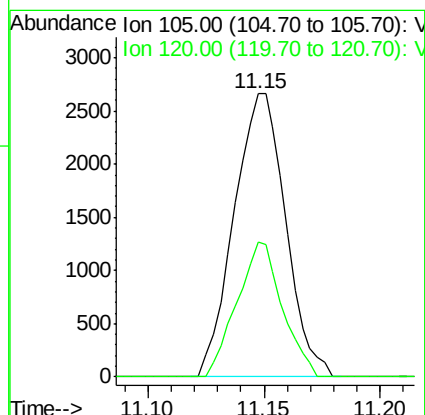
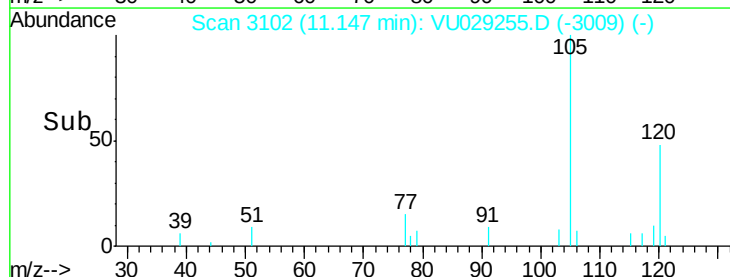
Ion Ratio Lower Upper

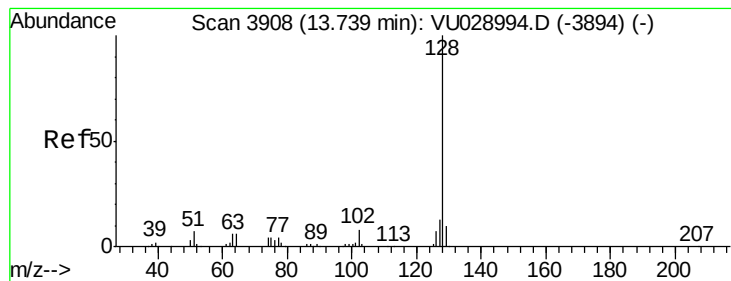
105 100

120 41.9 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: 2.585 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029255.D

Acq: 21 Jan 2019 17:44

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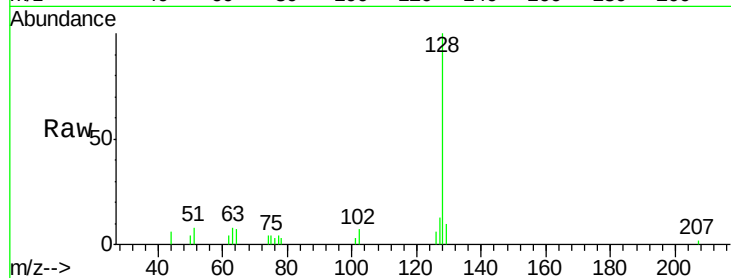
Tot Ion:128 Resp: 13083

Ion Ratio Lower Upper

128 100

127 11.5 10.1 15.1

129 9.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

