

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028706.D
 Acq On : 15 Dec 2018 00:30
 Operator : MD/SY
 Sample : J6395-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 2018-12-10-DUP

Quant Time: Dec 17 10:10:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

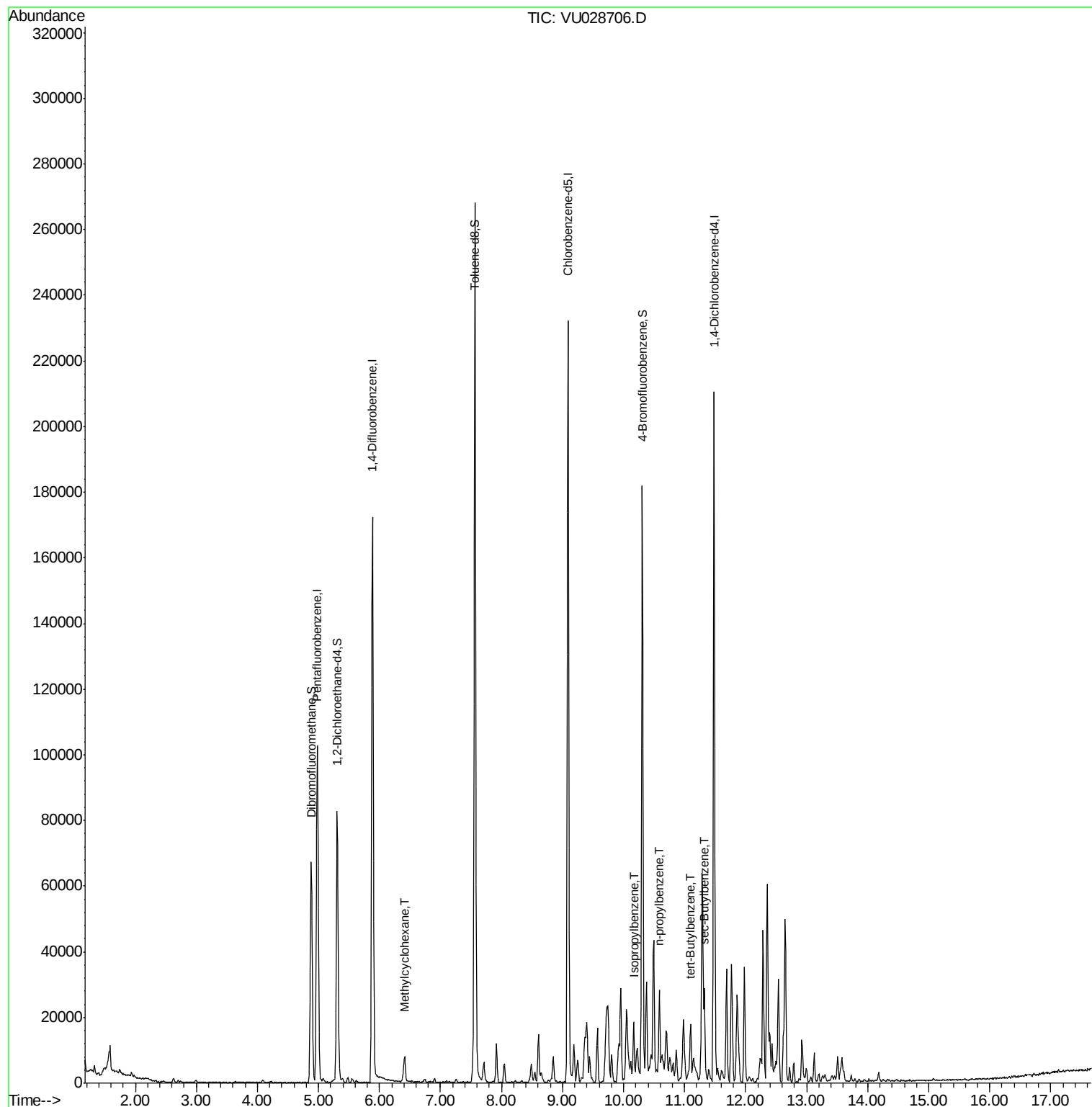
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	75166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	135435	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	122748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	64571	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
35) Dibromofluoromethane	4.88	113	46689	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
50) Toluene-d8	7.57	98	175942	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	10.31	95	59401	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
Target Compounds						
39) Methylcyclohexane	6.41	83	3098	1.713	ug/l	93
73) Isopropylbenzene	10.17	105	11319	2.937	ug/l	97
78) n-propylbenzene	10.59	91	20660	4.314	ug/l	98
83) tert-Butylbenzene	11.10	119	7377	2.399	ug/l	84
85) sec-Butylbenzene	11.32	105	17034	4.312	ug/l #	59

(#) = 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

Lab File: VU028706.D

Acq: 15 Dec 2018 00:30

Instrument :

MSVOA_U

ClientSampleId :

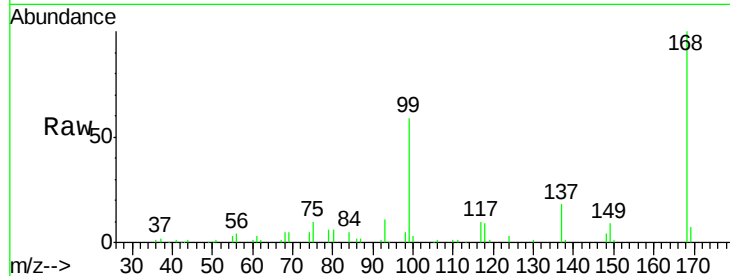
2018-12-10-DUP

Tgt Ion:168 Resp: 75166

Ion Ratio Lower Upper

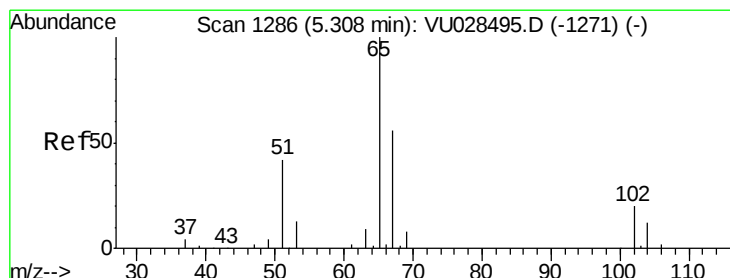
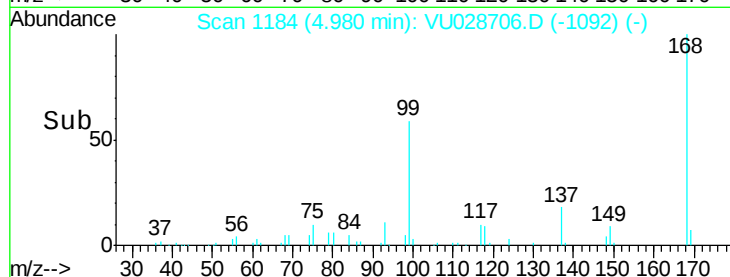
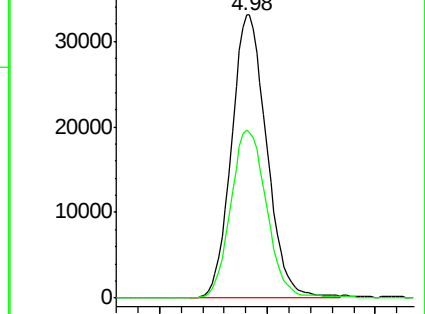
168 100

99 59.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.292 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028706.D

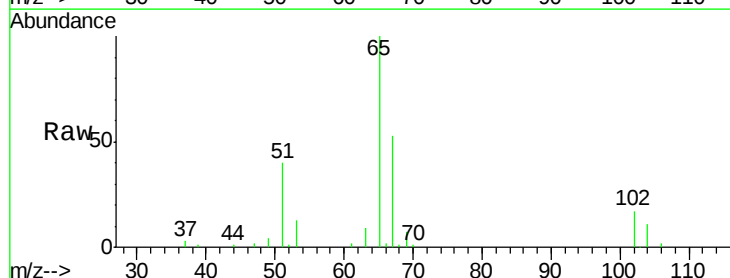
Acq: 15 Dec 2018 00:30

Tgt Ion: 65 Resp: 64571

Ion Ratio Lower Upper

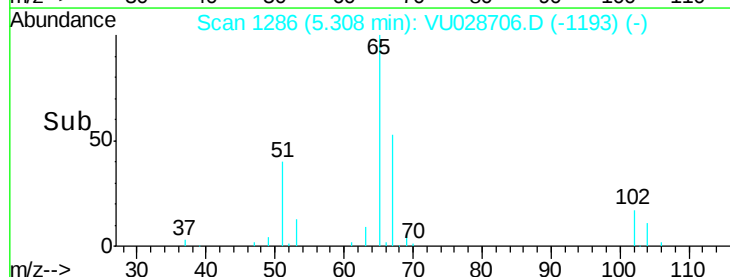
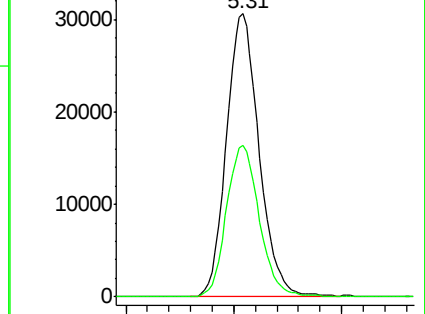
65 100

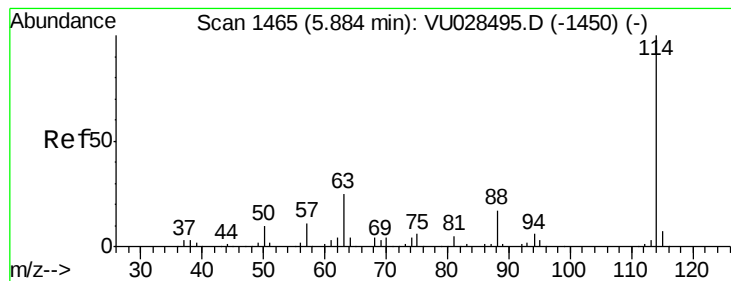
67 53.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU028706.D

Acq: 15 Dec 2018 00:30

Instrument :

MSVOA_U

ClientSampleId :

2018-12-10-DUP

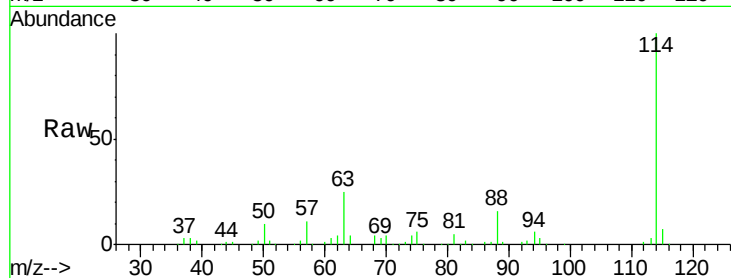
Tgt Ion:114 Resp: 135435

Ion Ratio Lower Upper

114 100

63 25.4 0.0 49.2

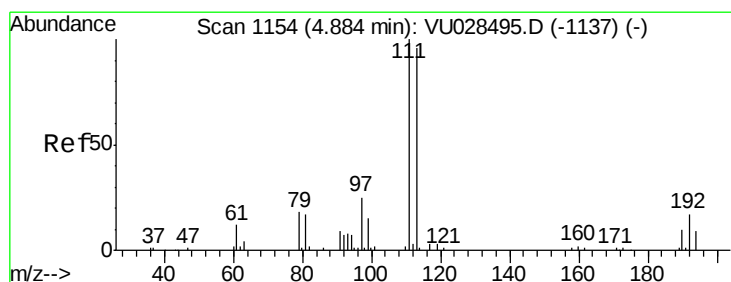
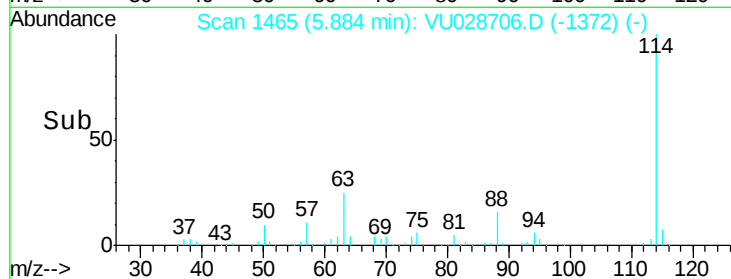
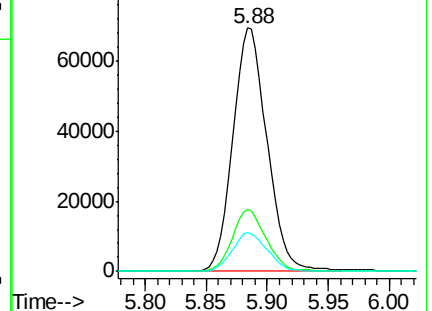
88 16.0 0.0 33.4



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: 54.780 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028706.D

Acq: 15 Dec 2018 00:30

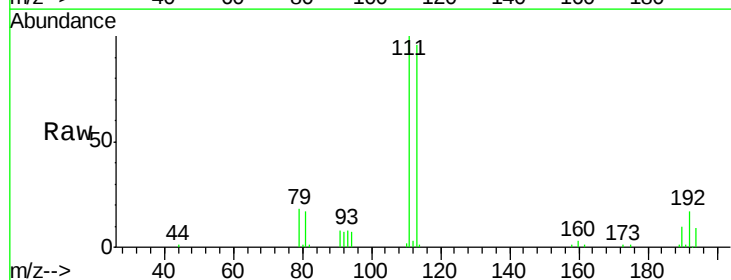
Tgt Ion:113 Resp: 46689

Ion Ratio Lower Upper

113 100

111 104.7 83.4 125.0

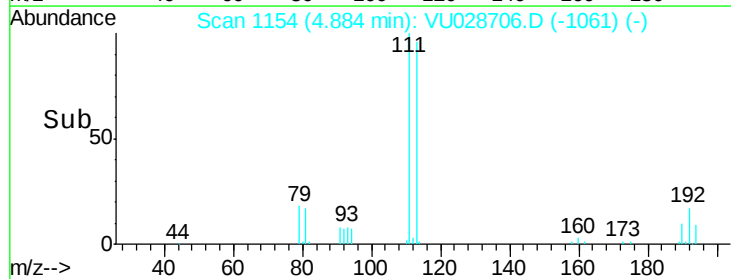
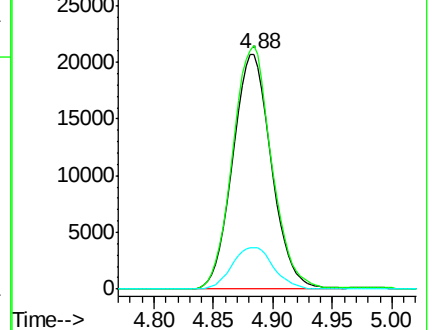
192 18.8 14.8 22.2

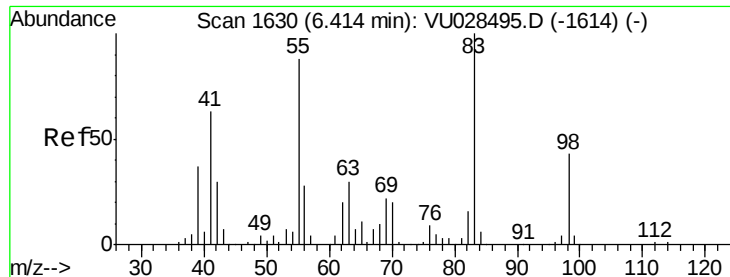


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

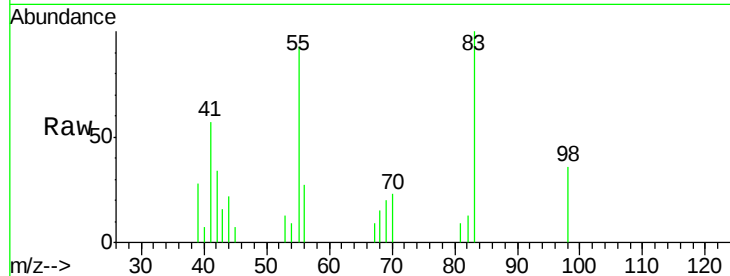




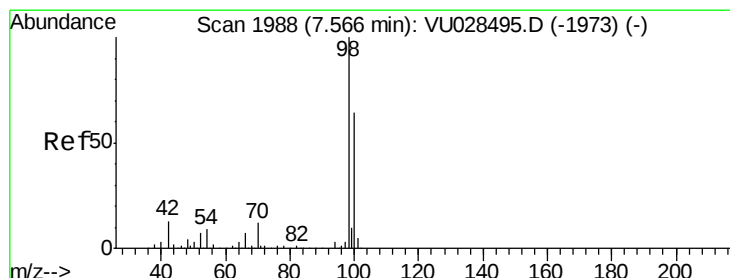
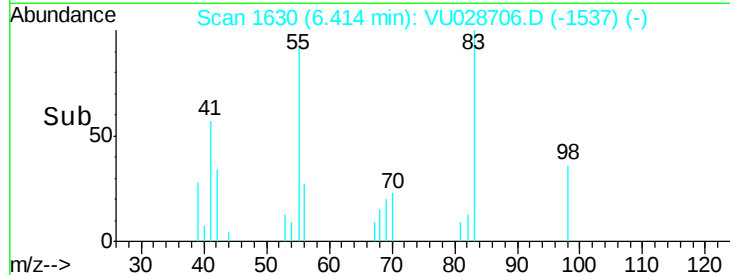
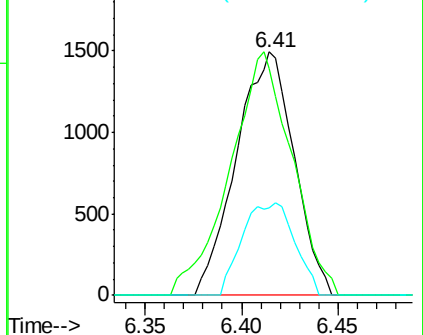
#39
Methylcyclohexane
Concen: 1.713 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028706.D
Acq: 15 Dec 2018 00:30

Instrument :
MSVOA_U
ClientSampleId :
2018-12-10-DUP

Tgt Ion: 83 Resp: 3098
Ion Ratio Lower Upper
83 100
55 93.0 70.2 105.2
98 35.8 34.2 51.4

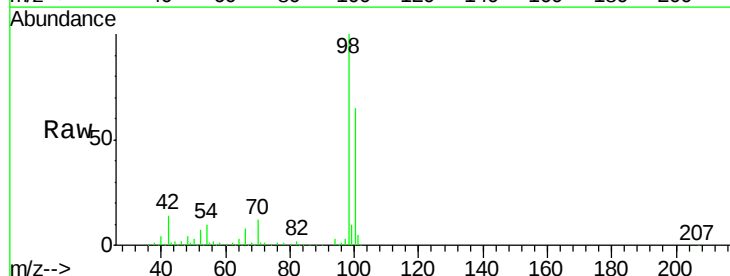


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

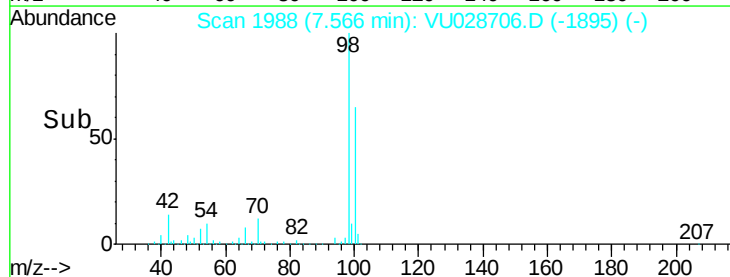
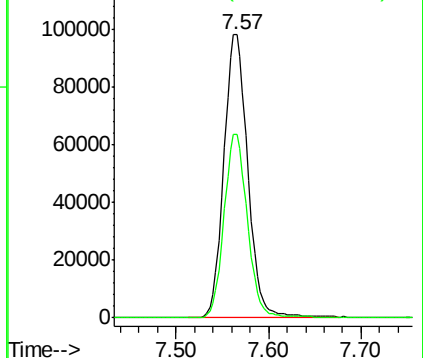


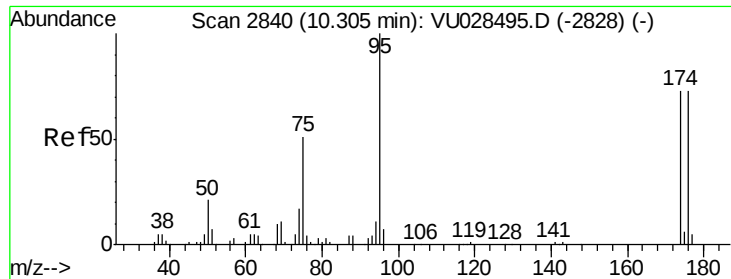
#50
Toluene-d8
Concen: 52.184 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028706.D
Acq: 15 Dec 2018 00:30

Tgt Ion: 98 Resp: 175942
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

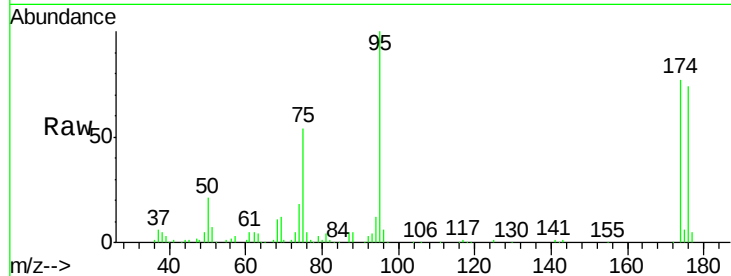




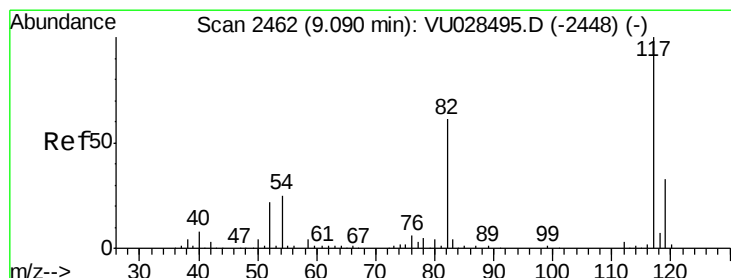
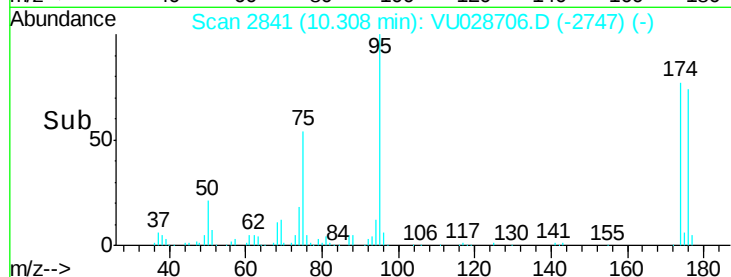
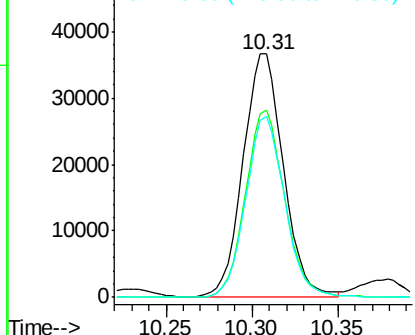
#62
 4-Bromofluorobenzene
 Concen: 47.137 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU028706.D
 Acq: 15 Dec 2018 00:30

Instrument :
 MSVOA_U
 ClientSampleId :
 2018-12-10-DUP

Tgt Ion: 95 Resp: 59401
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 150.4
 176 72.2 0.0 145.2

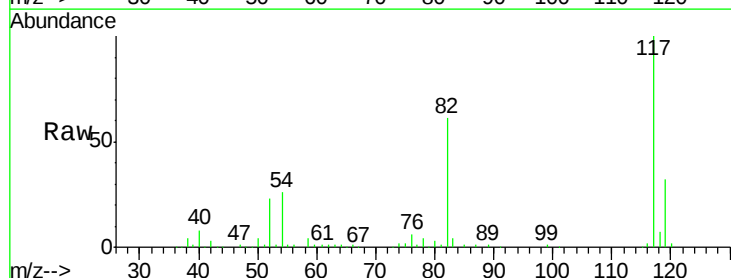


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)
 Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)
 Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

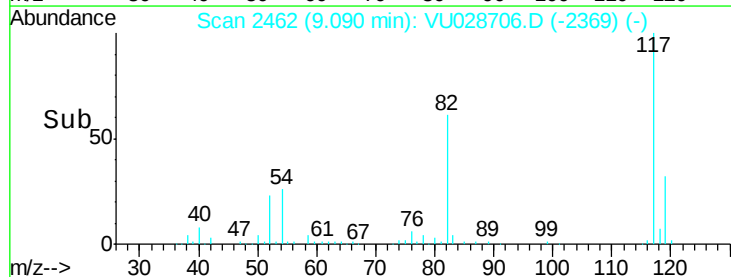
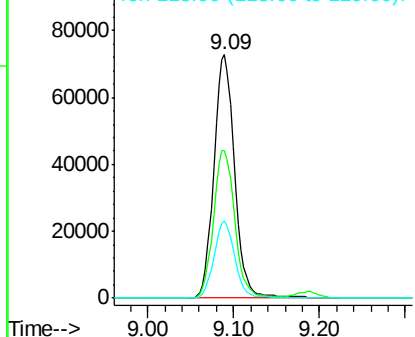


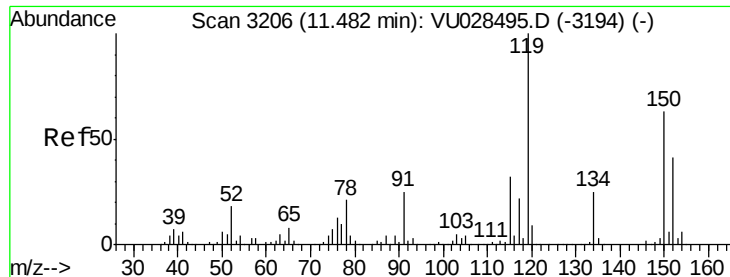
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU028706.D
 Acq: 15 Dec 2018 00:30

Tgt Ion: 117 Resp: 122748
 Ion Ratio Lower Upper
 117 100
 82 60.7 48.9 73.3
 119 31.7 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)
 Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)
 Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028706.D

Acq: 15 Dec 2018 00:30

Instrument :

MSVOA_U

ClientSampleId :

2018-12-10-DUP

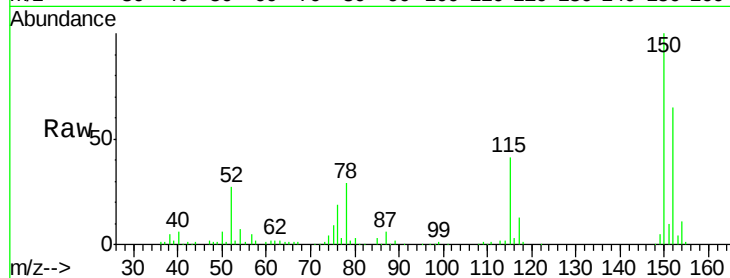
Tgt Ion:152 Resp: 50223

Ion Ratio Lower Upper

152 100

115 62.5 42.7 128.1

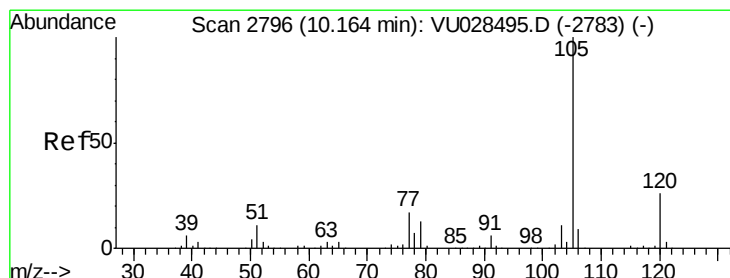
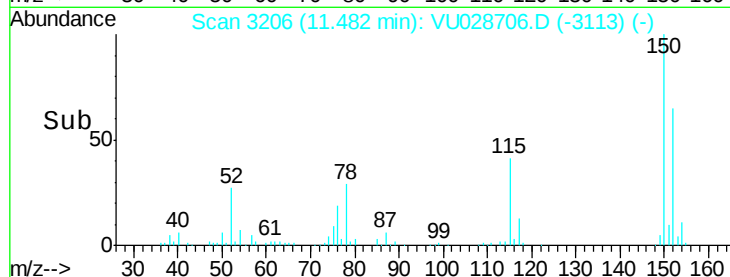
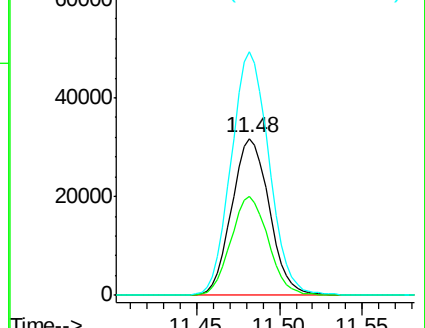
150 156.6 0.0 346.0



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



#73

Isopropylbenzene

Concen: 2.937 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028706.D

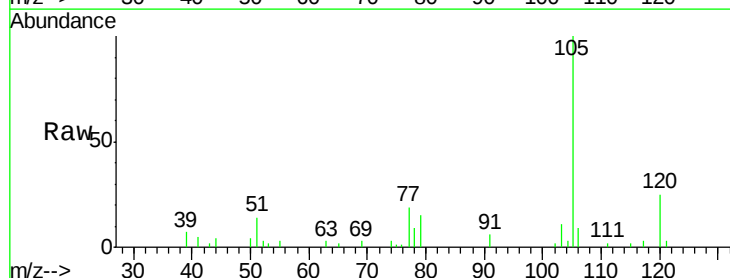
Acq: 15 Dec 2018 00:30

Tgt Ion:105 Resp: 11319

Ion Ratio Lower Upper

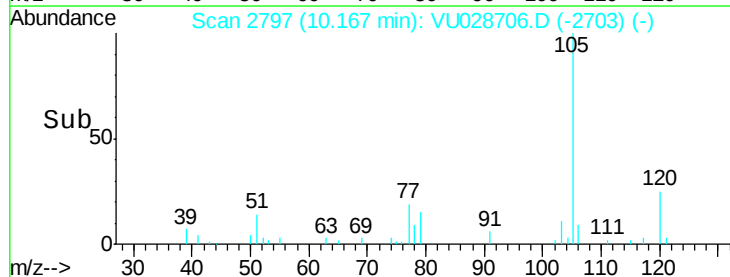
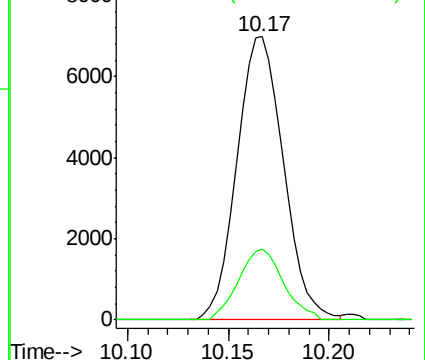
105 100

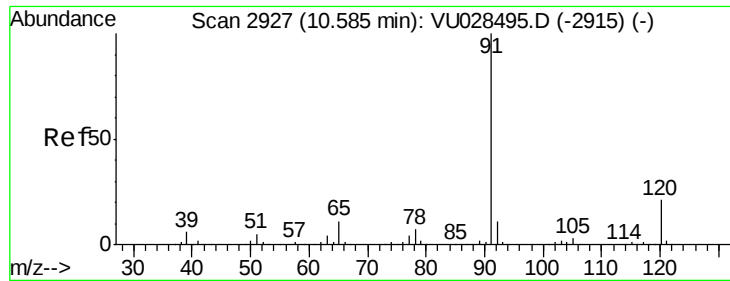
120 24.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

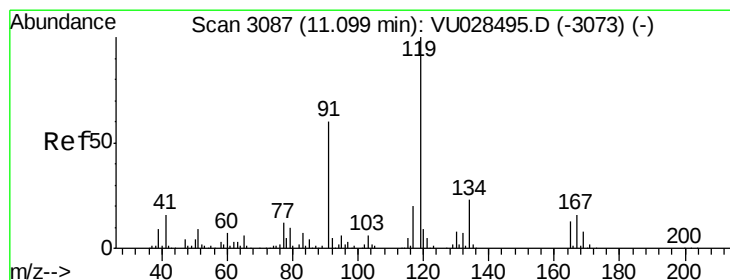
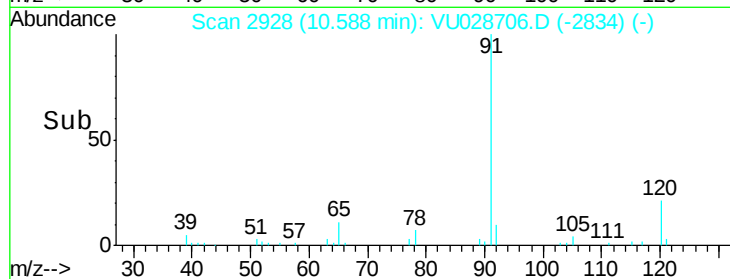
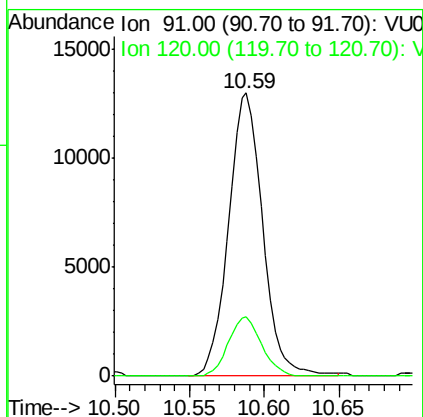
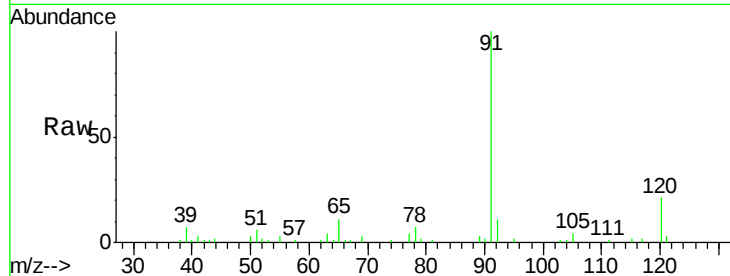




#78
n-propylbenzene
Concen: 4.314 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU028706.D
Acq: 15 Dec 2018 00:30

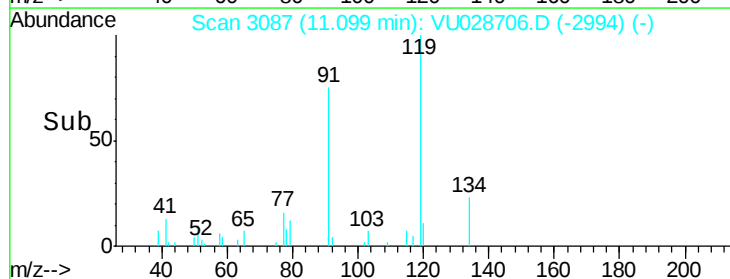
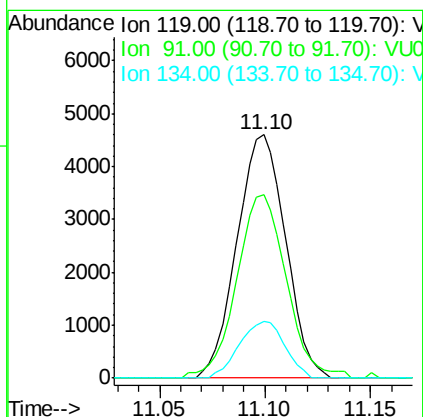
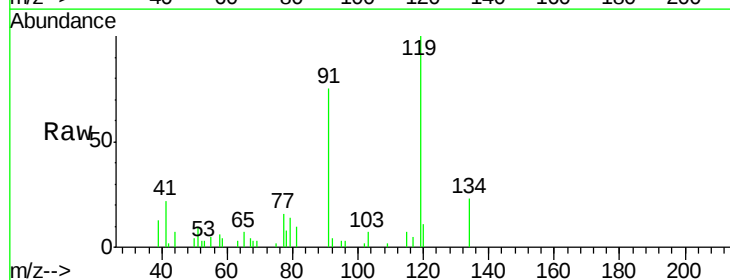
Instrument :
MSVOA_U
ClientSampled :
2018-12-10-DUP

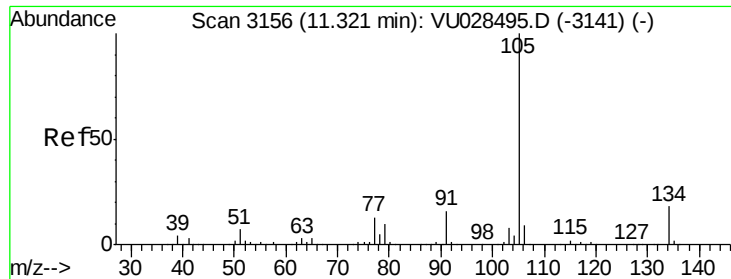
Tgt Ion: 91 Resp: 20660
Ion Ratio Lower Upper
91 100
120 20.2 10.6 31.8



#83
tert-Butylbenzene
Concen: 2.399 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU028706.D
Acq: 15 Dec 2018 00:30

Tgt Ion: 119 Resp: 7377
Ion Ratio Lower Upper
119 100
91 76.8 30.3 91.0
134 21.7 11.2 33.5





#85
 sec-Butylbenzene
 Concen: 4.312 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028706.D
 Acq: 15 Dec 2018 00:30

Instrument :
 MSVOA_U
 ClientSampleId :
 2018-12-10-DUP

Tgt Ion:105 Resp: 17034
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#

