

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028580.D
 Acq On : 11 Dec 2018 03:39
 Operator : MD/SY
 Sample : J6335-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-EB03-20181208

Quant Time: Dec 11 04:42:30 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	81984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	154581	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54082	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	71194	56.90	ug/l	0.00
Spiked Amount			Recovery	=	113.80%	
35) Dibromofluoromethane	4.88	113	52295	53.76	ug/l	0.00
Spiked Amount			Recovery	=	107.52%	
50) Toluene-d8	7.57	98	199533	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	10.30	95	66475	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	

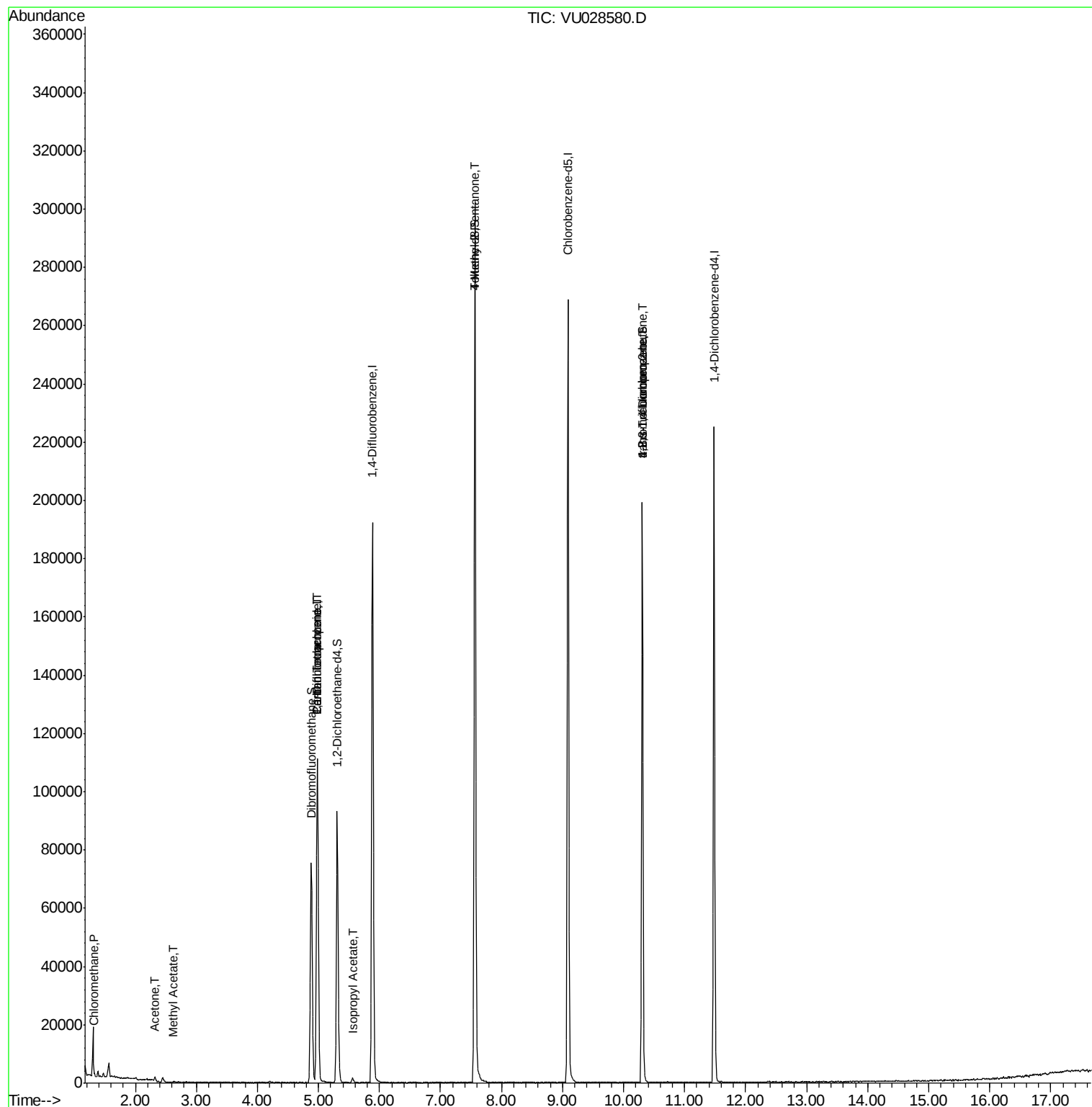
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1265	0.626	ug/l	100
16) Acetone	2.32	43	2024	2.479	ug/l	99
18) Methyl Acetate	2.62	43	529	0.250	ug/l #	56
31) Cyclohexane	4.98	56	1974	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7289	4.309	ug/l #	49
38) Carbon Tetrachloride	4.98	117	8050	5.904	ug/l #	15
43) Isopropyl Acetate	5.56	43	2564	0.741	ug/l #	64
51) 4-Methyl-2-Pentanone	7.56	43	915	0.419	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	34950	25.308	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	34950	62.096	ug/l #	100

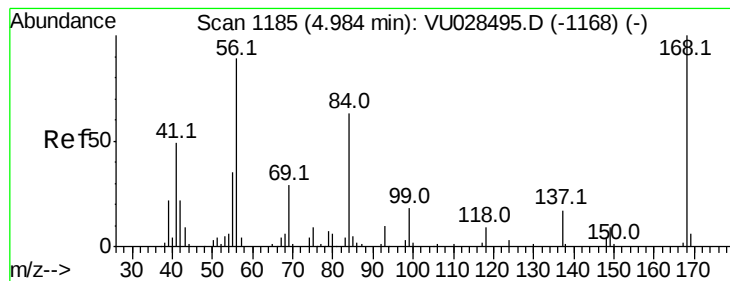
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
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Sample : J6335-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BP-EB03-20181208

Quant Time: Dec 11 04:42:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
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: VU028580.D

Acq: 11 Dec 2018 03:39

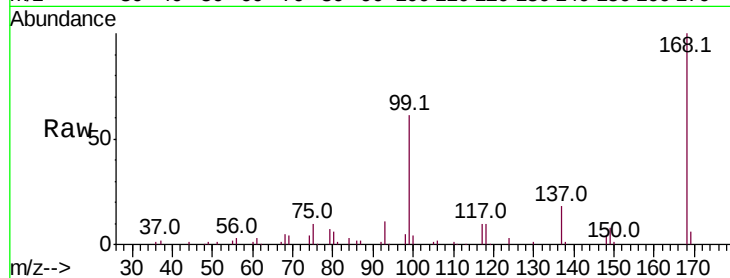
Instrument :
MSVOA_U
ClientSampleId :
BP-EB03-20181208

Tot Ion:168 Resp: 81984

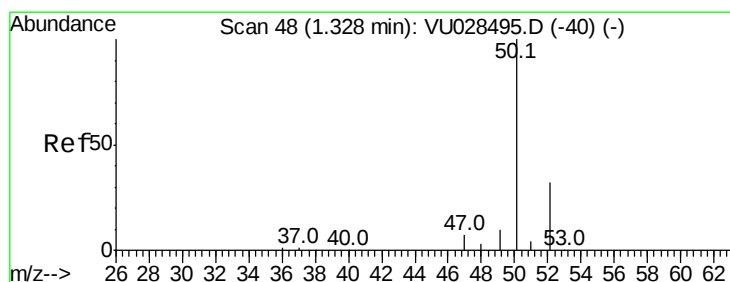
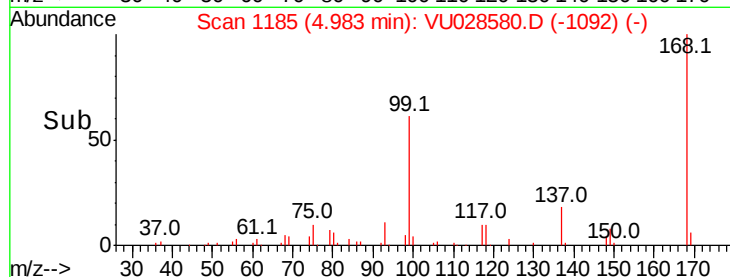
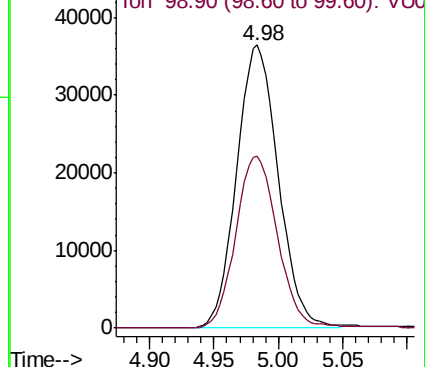
Ion Ratio Lower Upper

168 100

99 60.8 46.6 69.8



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



#3

Chloromethane

Concen: 0.626 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028580.D

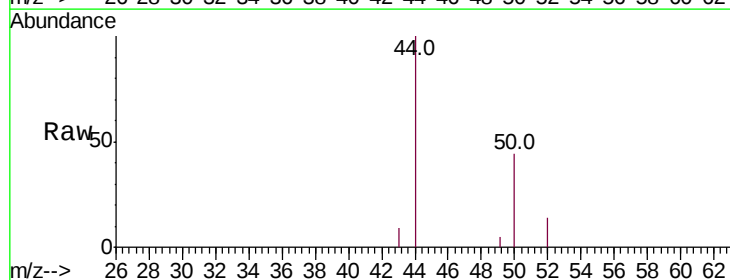
Acq: 11 Dec 2018 03:39

Tgt Ion: 50 Resp: 1265

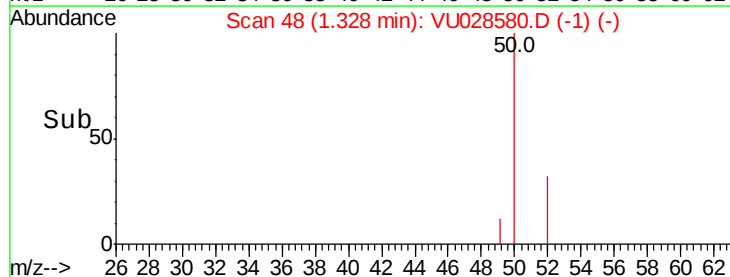
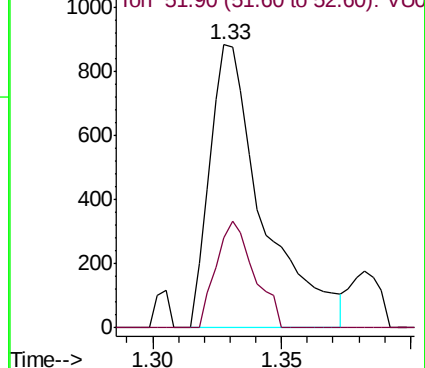
Ion Ratio Lower Upper

50 100

52 31.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)





#16

Acetone

Concen: 2.479 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028580.D

Acq: 11 Dec 2018 03:39

Instrument :

MSVOA_U

ClientSampleId :

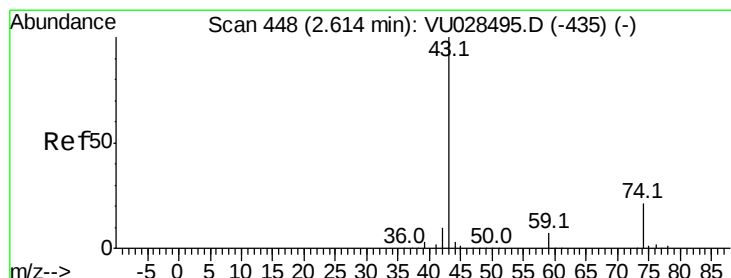
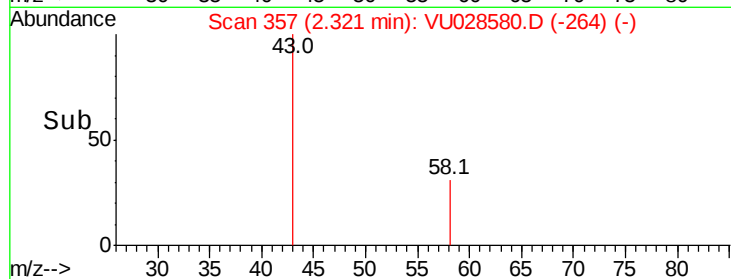
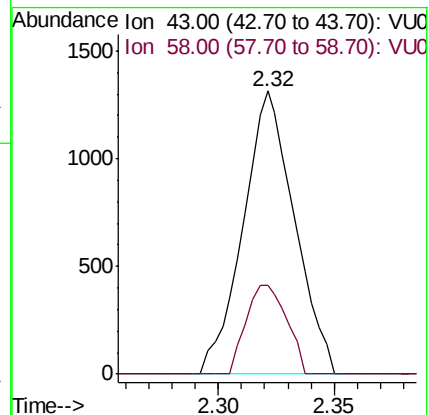
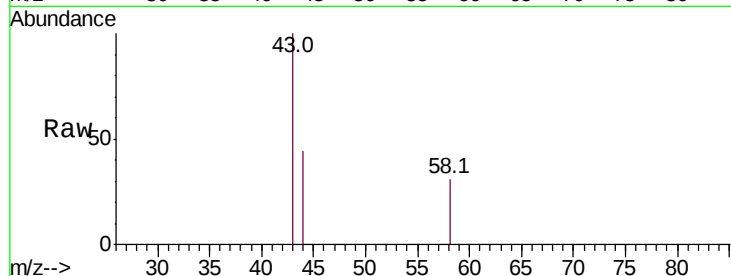
BP-EB03-20181208

Tot Ion: 43 Resp: 2024

Ion Ratio Lower Upper

43 100

58 31.2 24.6 37.0



#18

Methyl Acetate

Concen: 0.250 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028580.D

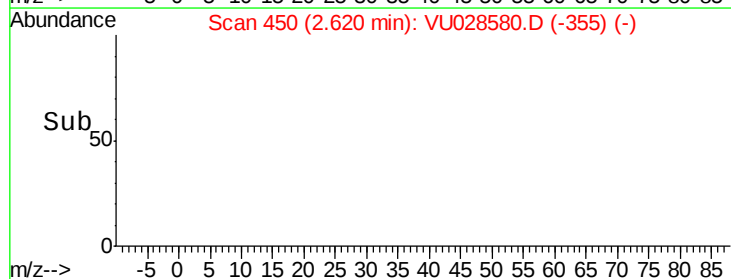
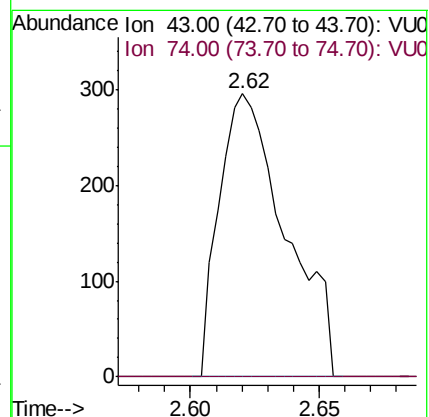
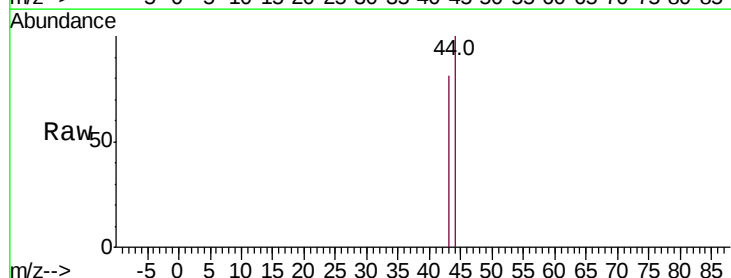
Acq: 11 Dec 2018 03:39

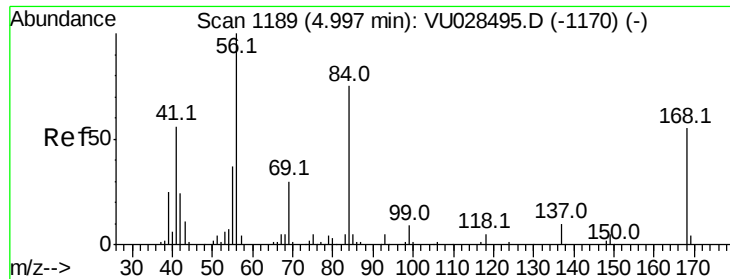
Tgt Ion: 43 Resp: 529

Ion Ratio Lower Upper

43 100

74 0.0 16.4 24.6#

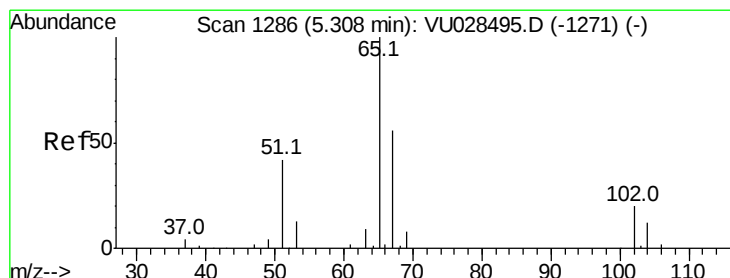
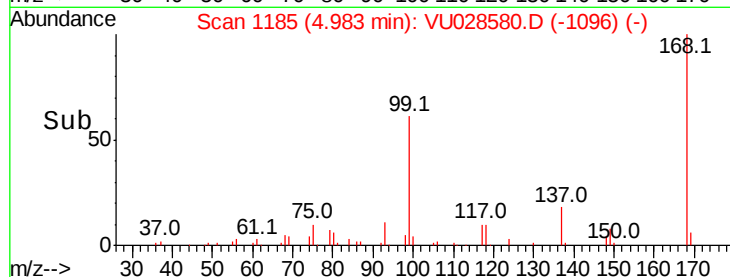
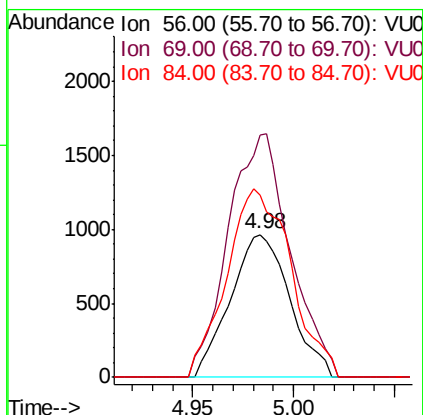
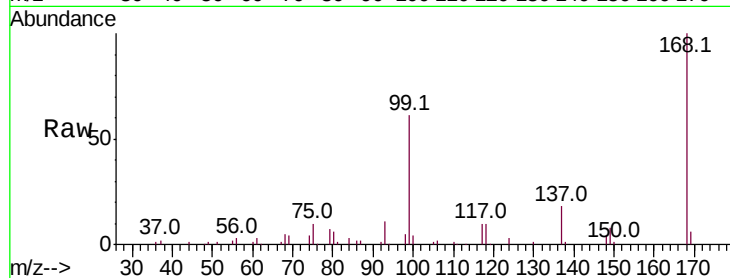




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028580.D
Acq: 11 Dec 2018 03:39

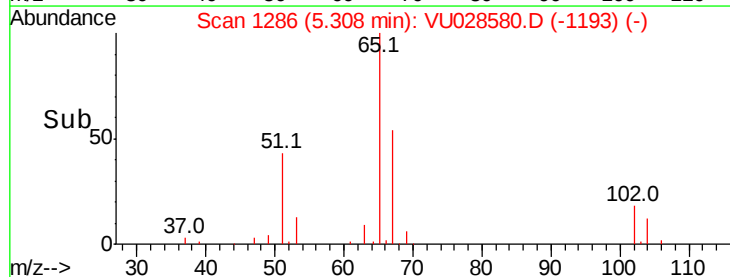
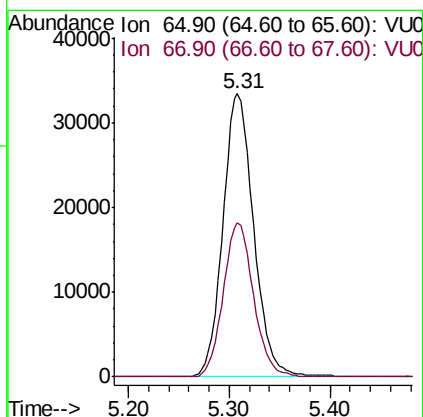
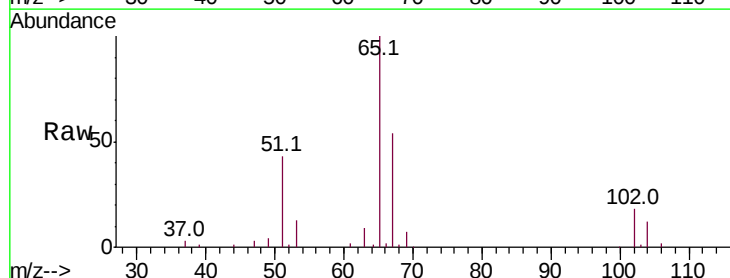
Instrument :
MSVOA_U
ClientSampleId :
BP-EB03-20181208

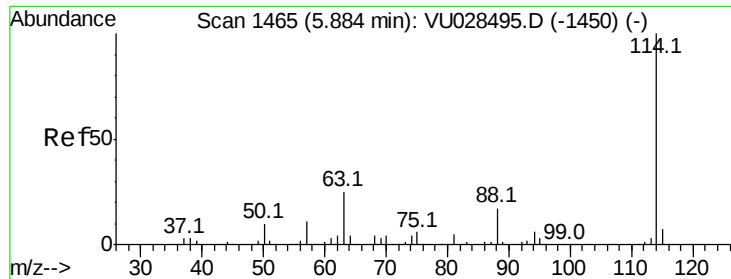
Tot Ion: 56 Resp: 1974
Ion Ratio Lower Upper
56 100
69 169.2 24.0 36.0#
84 127.5 59.7 89.5#



#33
1,2-Dichloroethane-d4
Concen: 56.904 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028580.D
Acq: 11 Dec 2018 03:39

Tgt Ion: 65 Resp: 71194
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6

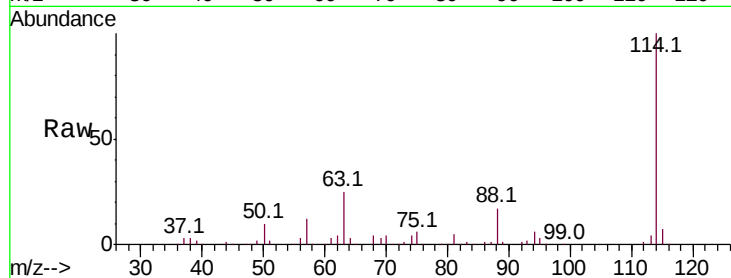




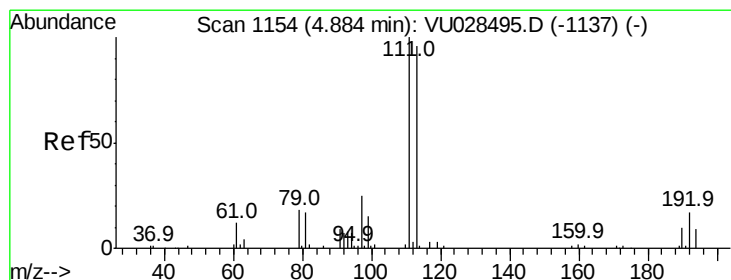
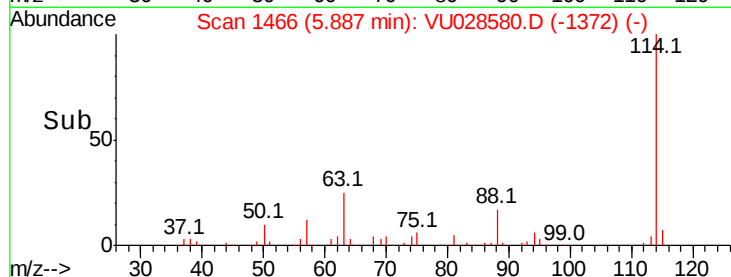
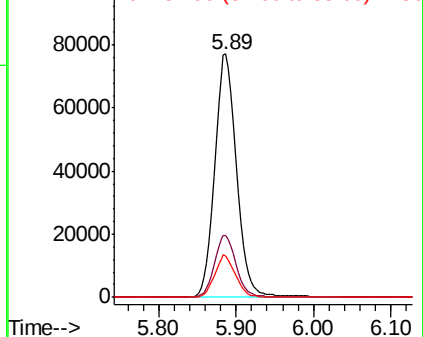
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028580.D
 Acq: 11 Dec 2018 03:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-EB03-20181208

Tot Ion:114 Resp: 154581
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 17.0 0.0 33.4

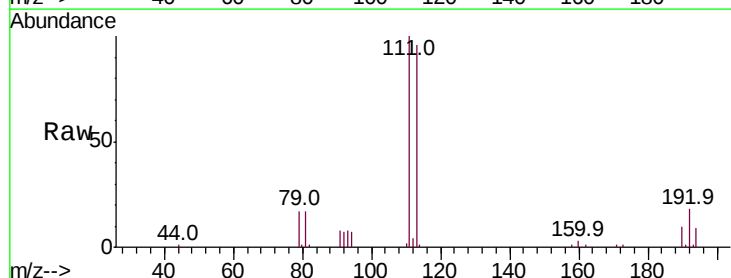


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

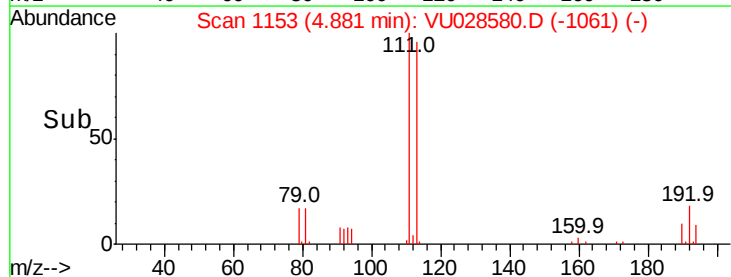
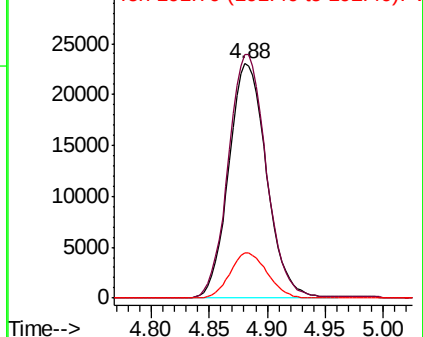


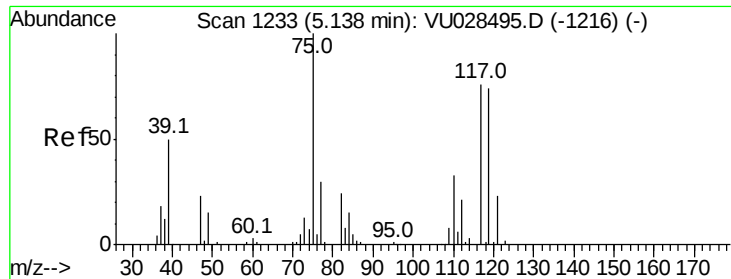
#35
 Dibromofluoromethane
 Concen: 53.758 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028580.D
 Acq: 11 Dec 2018 03:39

Tgt Ion:113 Resp: 52295
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.4 125.0
 192 18.9 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





#36

1,1-Dichloropropene

Concen: 4.309 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028580.D

Acq: 11 Dec 2018 03:39

Instrument :

MSVOA_U

ClientSampleId :

BP-EB03-20181208

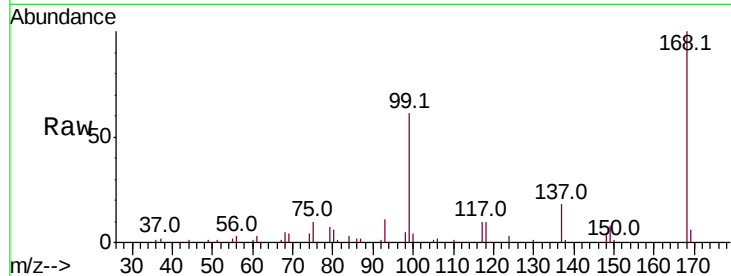
Tot Ion: 75 Resp: 7289

Ion Ratio Lower Upper

75 100

110 6.5 16.1 48.2#

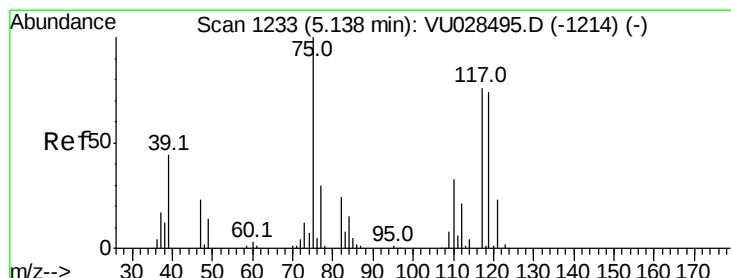
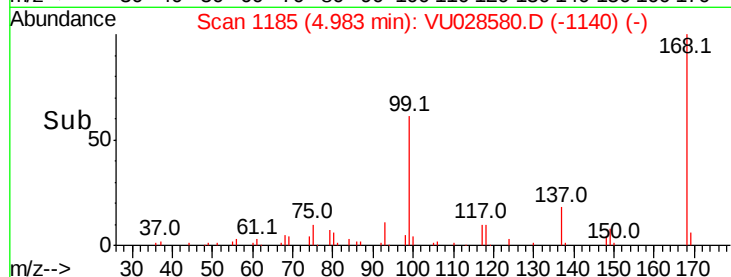
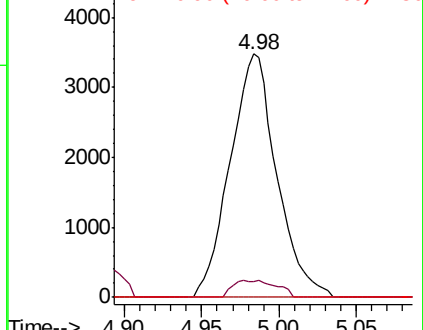
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-1216) (-)

Ion 109.90 (109.60 to 110.60): VU028495.D (-1216) (-)

Ion 76.90 (76.60 to 77.60): VU028495.D (-1216) (-)



#38

Carbon Tetrachloride

Concen: 5.904 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028580.D

Acq: 11 Dec 2018 03:39

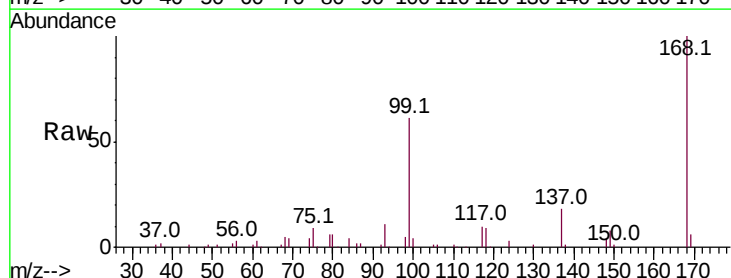
Tgt Ion: 117 Resp: 8050

Ion Ratio Lower Upper

117 100

119 4.4 77.6 116.4#

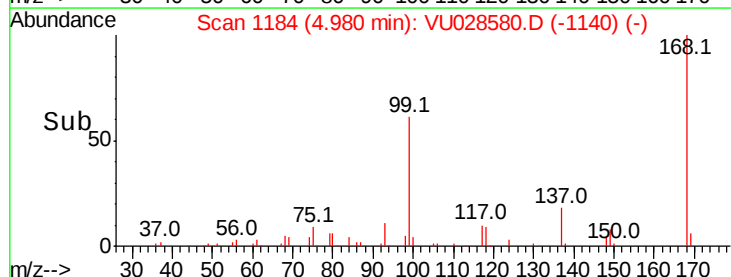
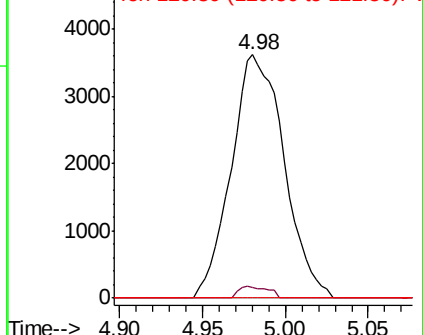
121 0.0 24.6 36.8#

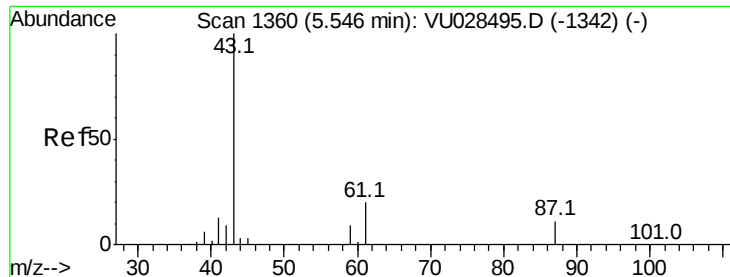


Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-1214) (-)

Ion 118.80 (118.50 to 119.50): VU028495.D (-1214) (-)

Ion 120.80 (120.50 to 121.50): VU028495.D (-1214) (-)





#43

Isopropyl Acetate

Concen: 0.741 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU028580.D

Acq: 11 Dec 2018 03:39

Instrument :

MSVOA_U

ClientSampleId :

BP-EB03-20181208

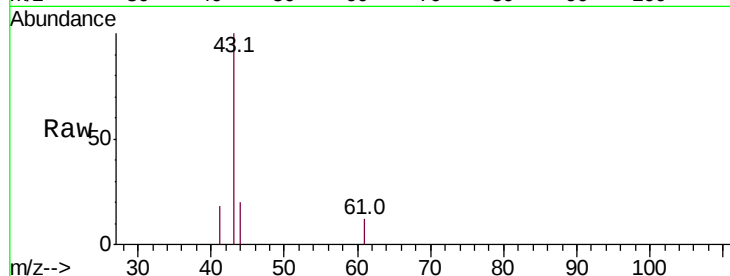
Tot Ion: 43 Resp: 2564

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

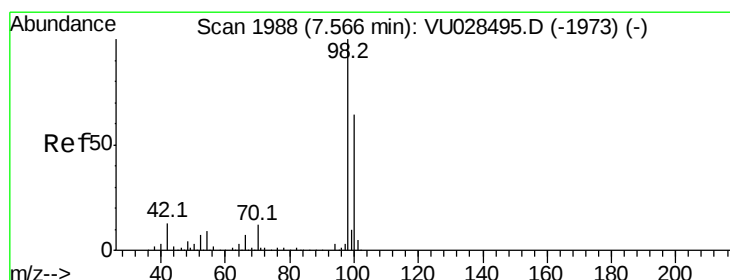
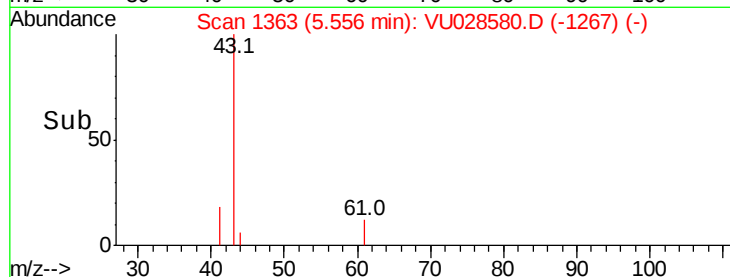
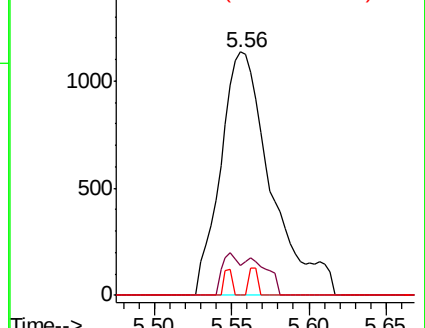
87 2.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028495.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028495.D (-1342) (-)



#50

Toluene-d8

Concen: 51.851 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028580.D

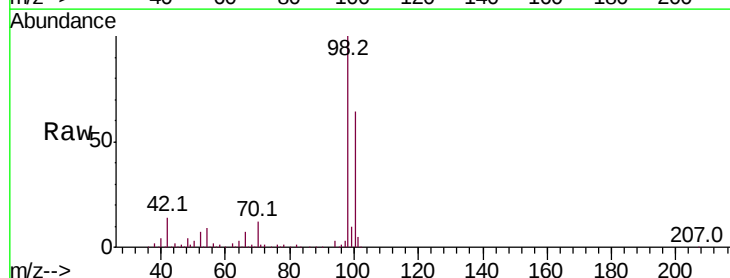
Acq: 11 Dec 2018 03:39

Tgt Ion: 98 Resp: 199533

Ion Ratio Lower Upper

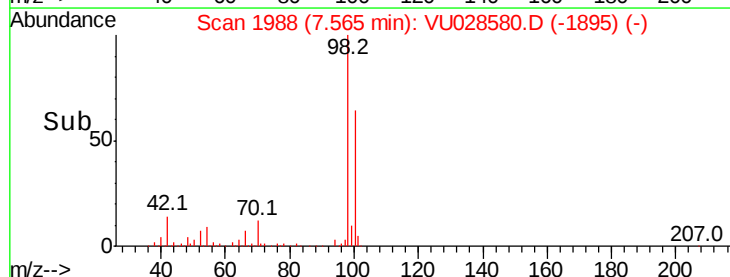
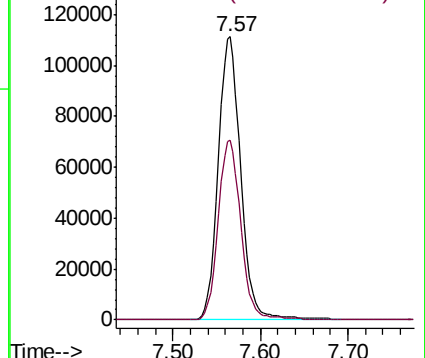
98 100

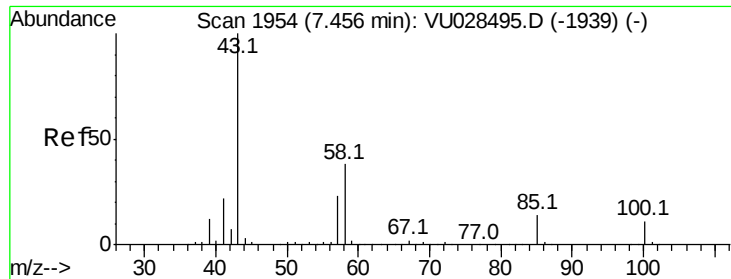
100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.419 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028580.D

Acq: 11 Dec 2018 03:39

Instrument :

MSVOA_U

ClientSampleId :

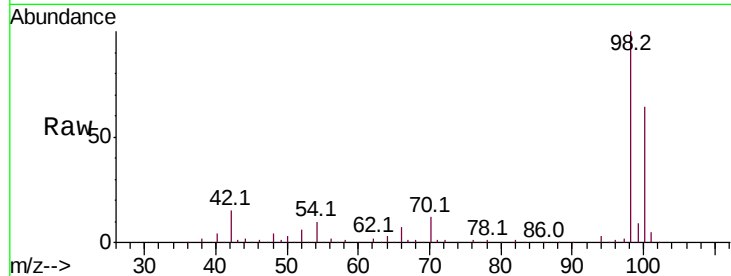
BP-EB03-20181208

Tot Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

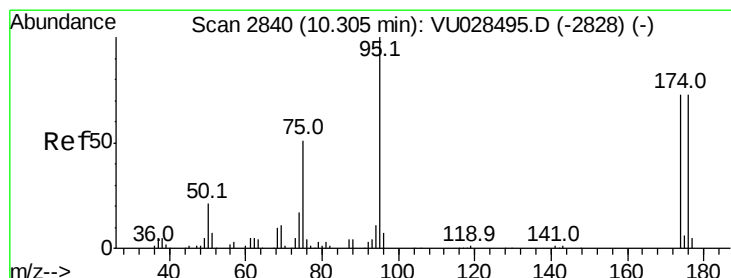
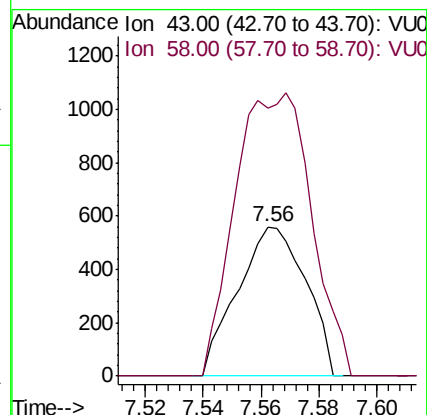
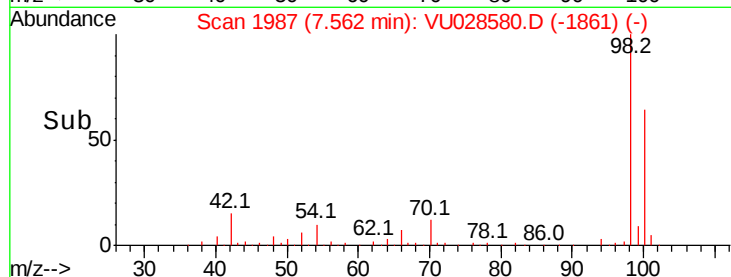
58 211.3 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-1939) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: 46.217 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028580.D

Acq: 11 Dec 2018 03:39

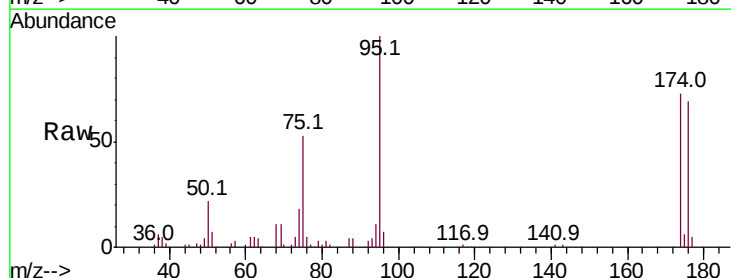
Tgt Ion: 95 Resp: 66475

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.4

176 71.0 0.0 145.2

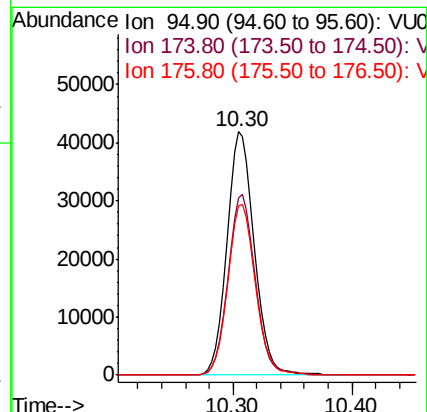
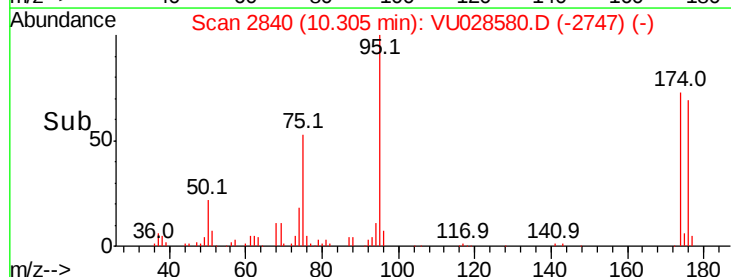


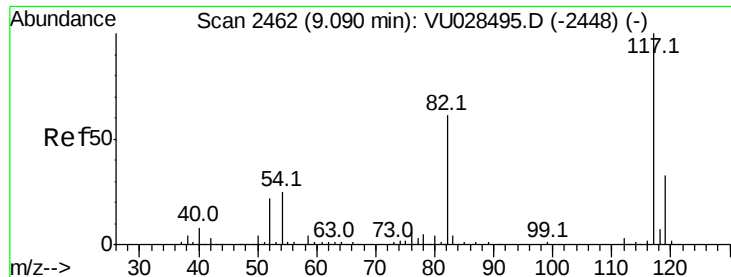
Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

Time-->

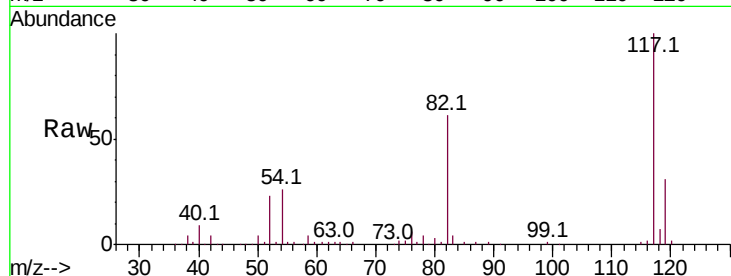




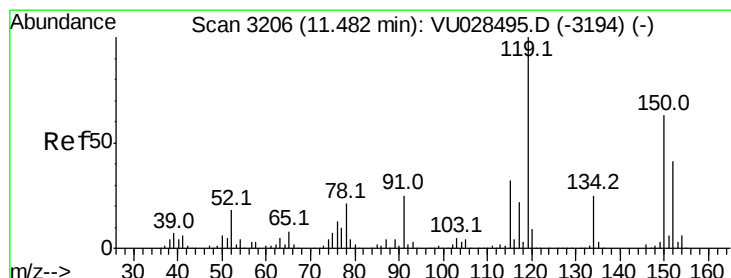
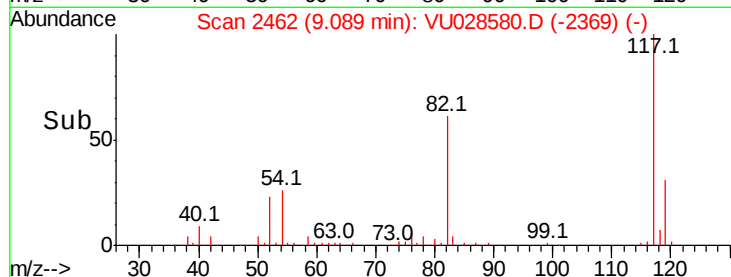
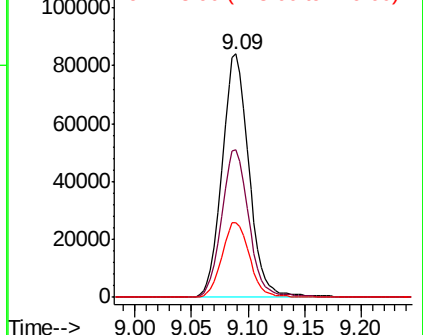
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028580.D
Acq: 11 Dec 2018 03:39

Instrument :
MSVOA_U
ClientSampleId :
BP-EB03-20181208

Tot Ion:117 Resp: 139333
Ion Ratio Lower Upper
117 100
82 60.6 48.9 73.3
119 30.9 26.2 39.4

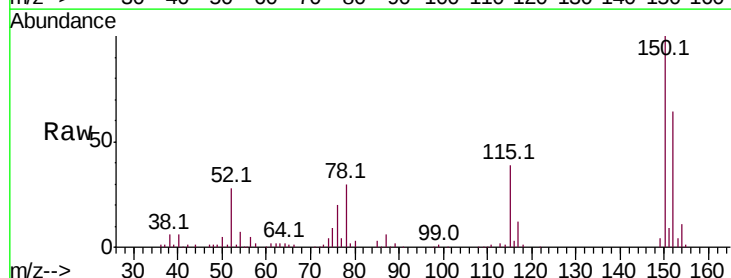


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

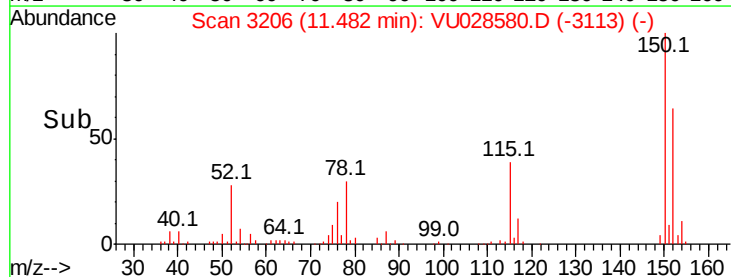
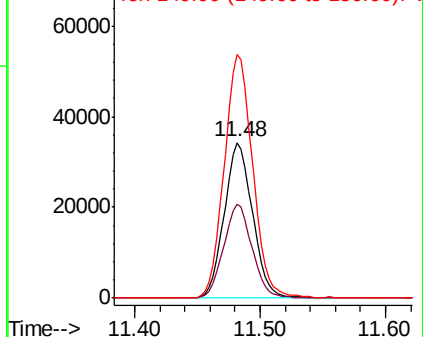


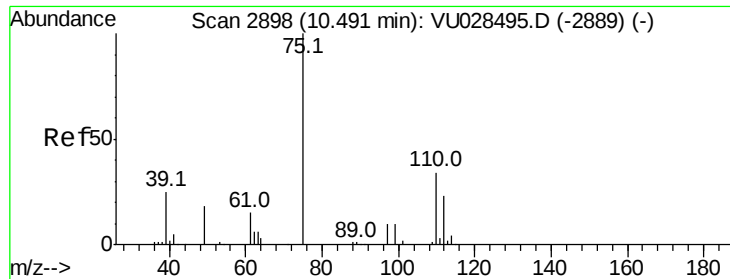
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028580.D
Acq: 11 Dec 2018 03:39

Tgt Ion:152 Resp: 54082
Ion Ratio Lower Upper
152 100
115 60.4 42.7 128.1
150 157.1 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

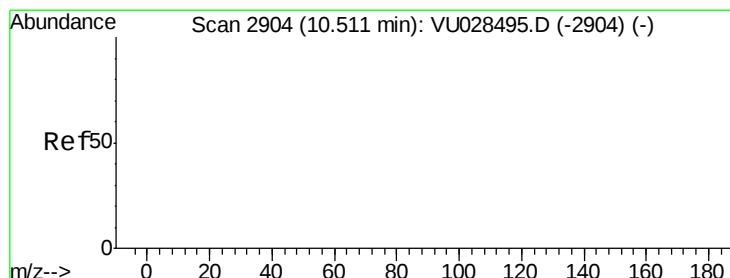
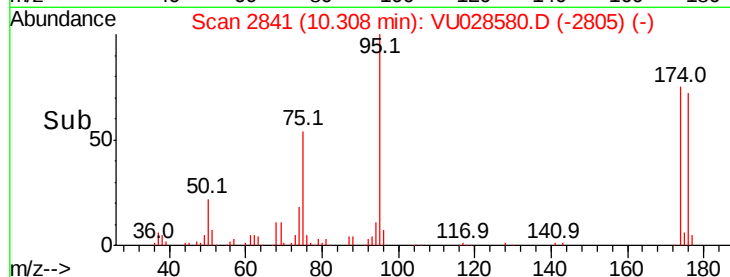
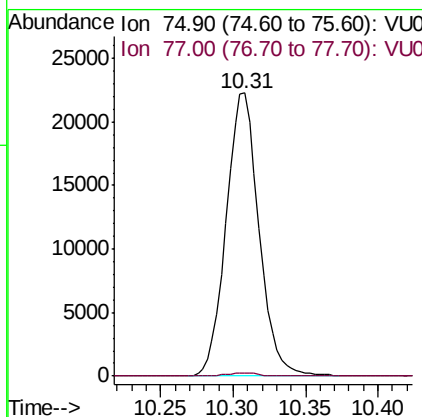
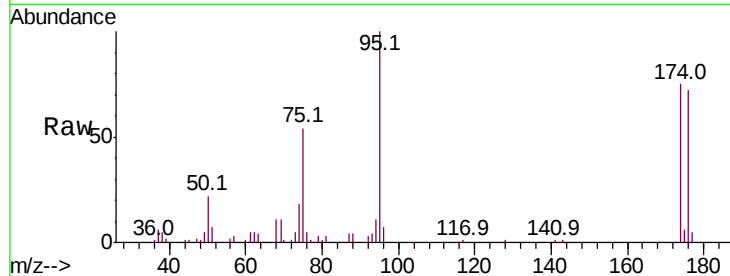




#76
 1,2,3-Trichloropropane
 Concen: 25.308 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.18 min
 Lab File: VU028580.D
 Acq: 11 Dec 2018 03:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-EB03-20181208

Tot Ion: 75 Resp: 34950
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.8 62.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.096 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU028580.D
 Acq: 11 Dec 2018 03:39

Tgt Ion: 75 Resp: 34950
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

