

Data File : VU027022.D
Acq On : 22 Sep 2018 17:44
Operator : MD/SY
Sample : J4958-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW04-20180914

Quant Time: Sep 24 02:51:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	95644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159340	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	71485	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97554	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	4.89	113	68704	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	7.57	98	249079	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	10.31	95	83276	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	

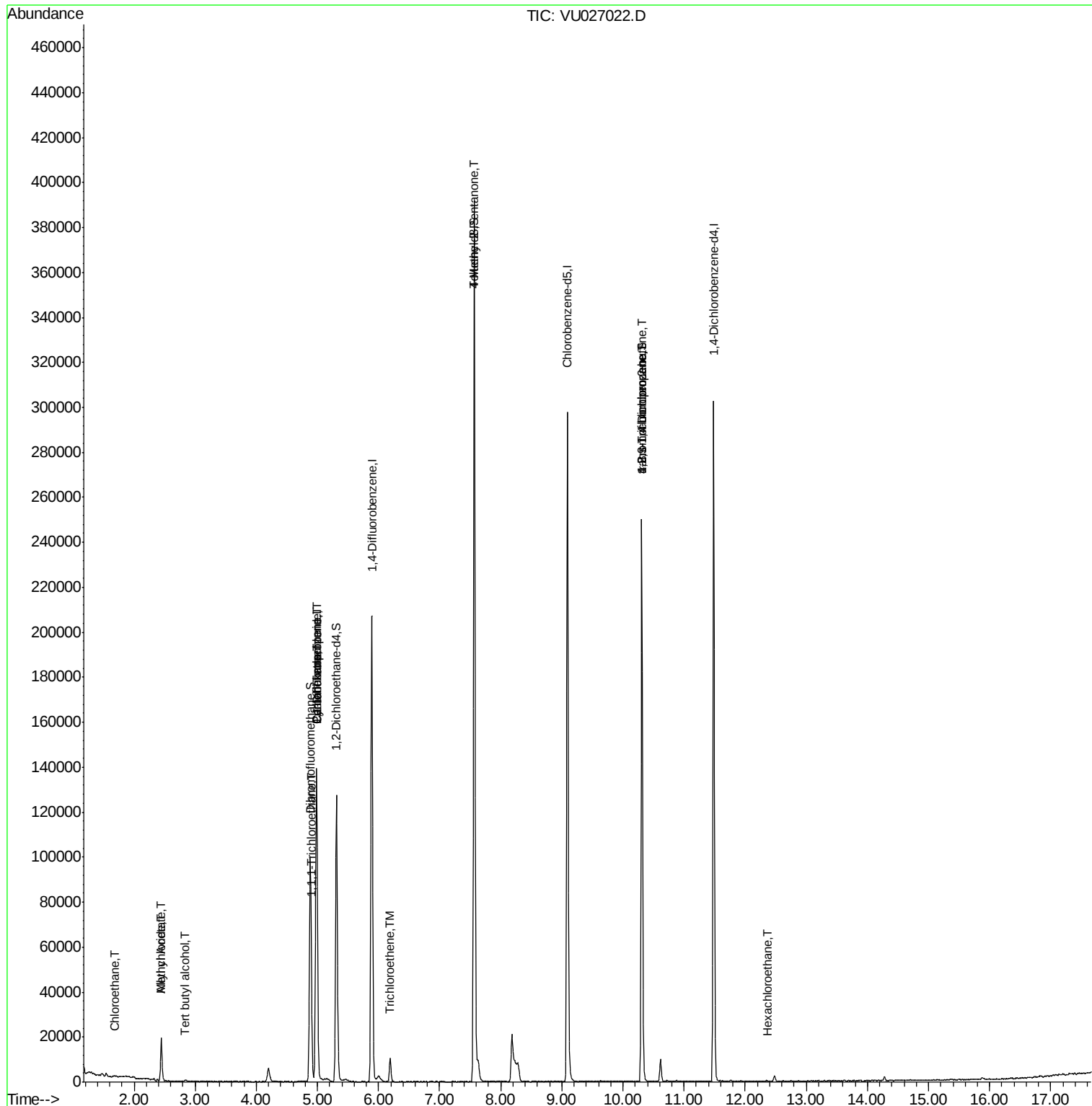
Target Compounds			Qvalue			
6) Chloroethane	1.68	64	519	0.404	ug/l #	43
11) Tert butyl alcohol	2.84	59	576	1.305	ug/l #	72
14) Allyl chloride	2.44	41	1940	0.724	ug/l #	73
16) Acetone	2.32	43	1086	Below Cal		94
18) Methyl Acetate	2.44	43	5086	1.856	ug/l #	55
31) Cyclohexane	4.98	56	2646	0.351	ug/l #	2
32) 1,1,1-Trichloroethane	4.91	97	549	0.235	ug/l #	44
36) 1,1-Dichloropropene	4.98	75	9123	4.290	ug/l #	49
38) Carbon Tetrachloride	4.99	117	10007	4.945	ug/l #	18
44) Trichloroethene	6.19	130	3544	2.575	ug/l	99
51) 4-Methyl-2-Pentanone	7.57	43	1167	0.413	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	45103	20.769	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	45103	66.463	ug/l #	100
90) Hexachloroethane	12.36	117	270	0.274	ug/l #	13

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

Data File : VU027022.D
Acq On : 22 Sep 2018 17:44
Operator : MD/SY
Sample : J4958-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW04-20180914

Quant Time: Sep 24 02:51:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027022.D

Acq: 22 Sep 2018 17:44

Instrument :

MSVOA_U

ClientSampleId :

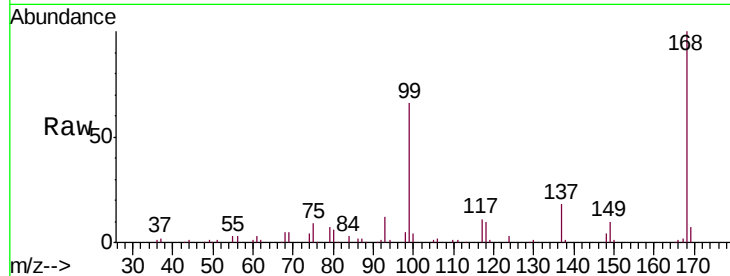
BP-TT-AOC22-MW04-20180914

Tgt Ion:168 Resp: 95644

Ion Ratio Lower Upper

168 100

99 65.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

50000

40000

30000

20000

10000

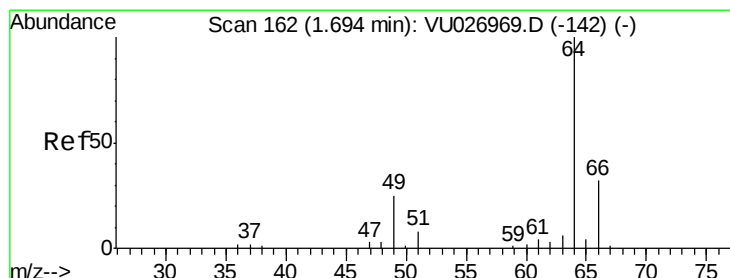
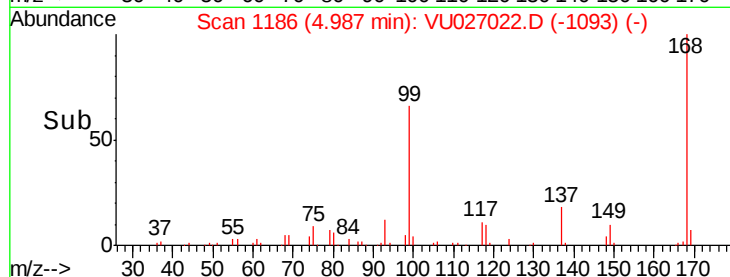
0

4.90

5.00

5.10

Time-->



#6

Chloroethane

Concen: 0.404 ug/l

RT: 1.68 min Scan# 156

Delta R.T. -0.02 min

Lab File: VU027022.D

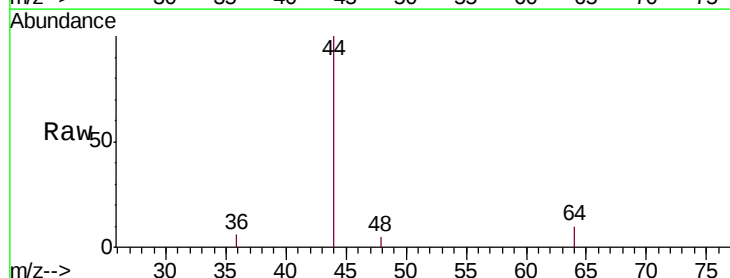
Acq: 22 Sep 2018 17:44

Tgt Ion: 64 Resp: 519

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.68

300

250

200

150

100

50

0

1.62

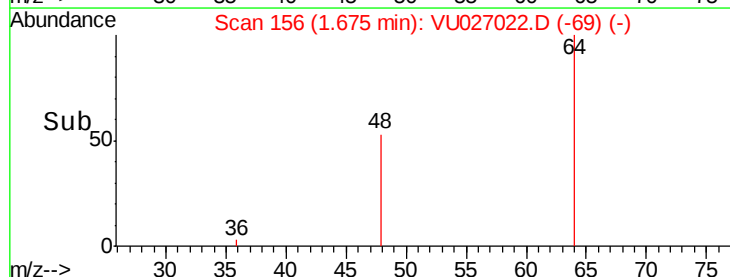
1.64

1.66

1.68

1.70

Time-->



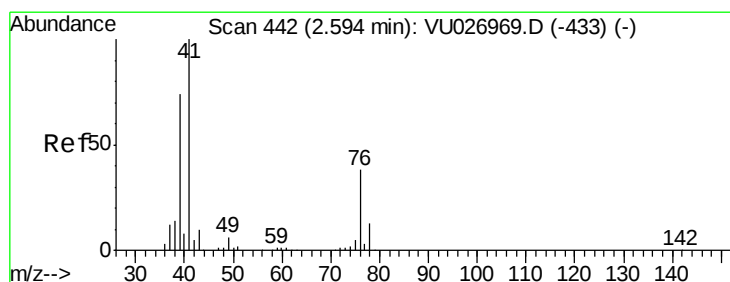
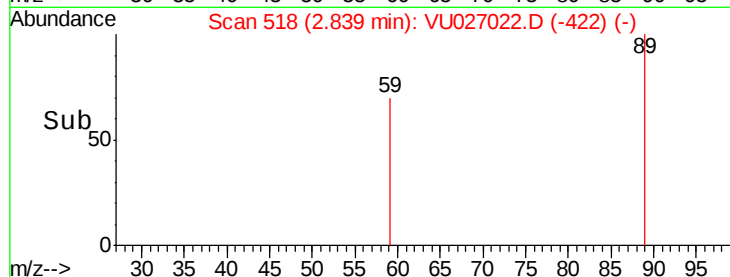
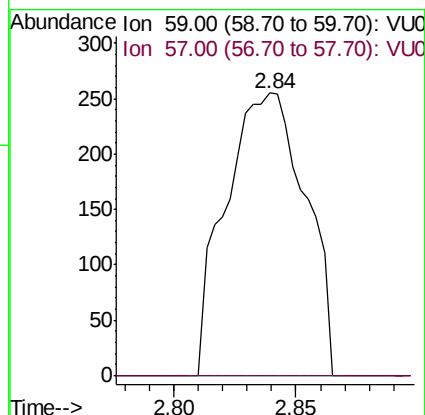
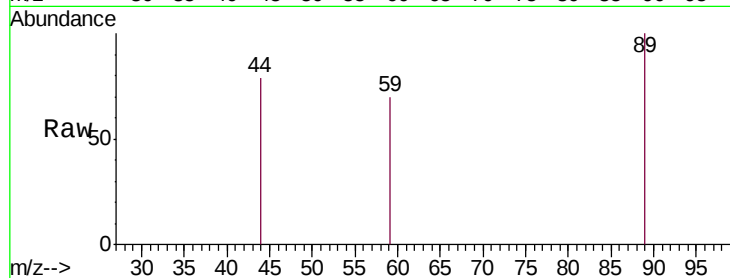


#11

Tert butyl alcohol
 Concen: 1.305 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VU027022.D
 Acq: 22 Sep 2018 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW04-20180914

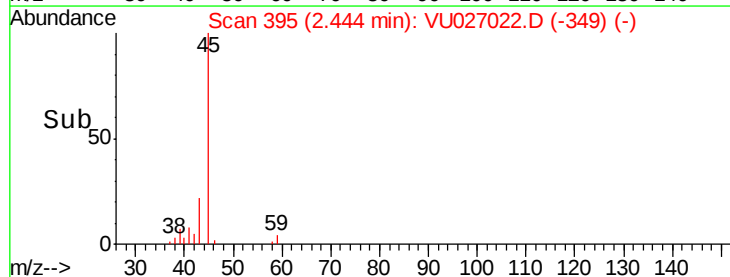
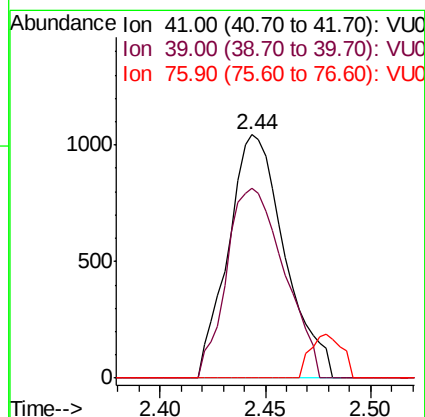
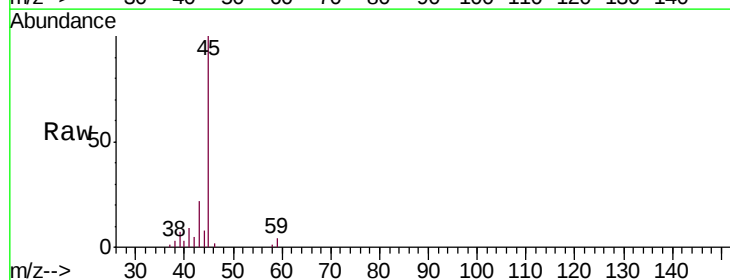
Tgt Ion: 59 Resp: 576
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#



#14

Allyl chloride
 Concen: 0.724 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027022.D
 Acq: 22 Sep 2018 17:44

Tgt Ion: 41 Resp: 1940
 Ion Ratio Lower Upper
 41 100
 39 79.7 55.7 83.5
 76 0.0 26.5 39.7#





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027022.D

Acq: 22 Sep 2018 17:44

Instrument :

MSVOA_U

ClientSampleId :

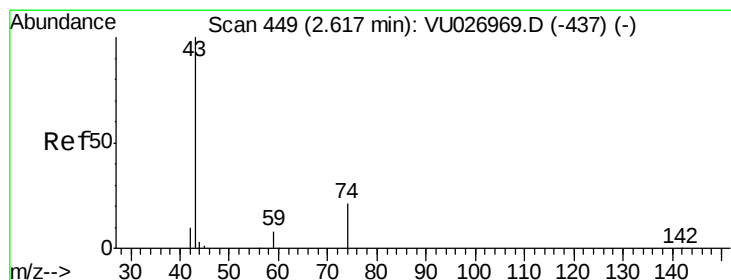
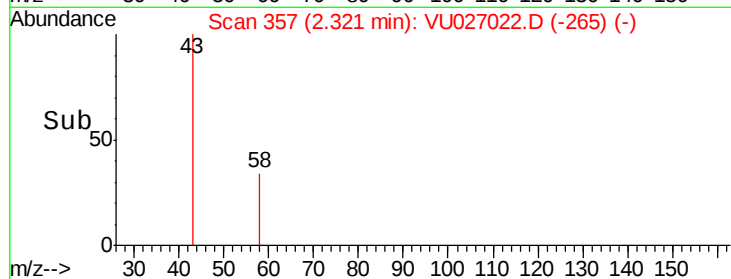
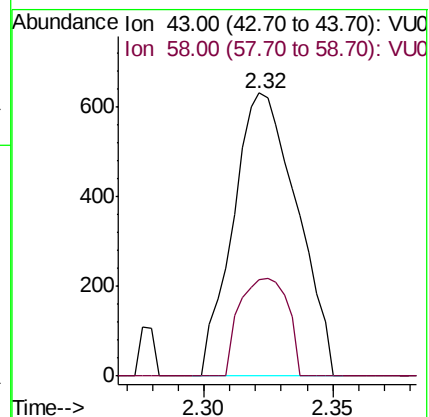
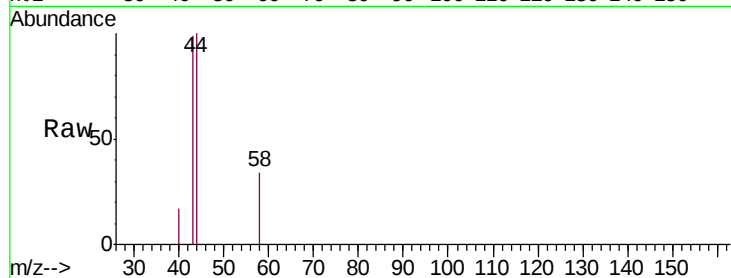
BP-TT-AOC22-MW04-20180914

Tgt Ion: 43 Resp: 1086

Ion Ratio Lower Upper

43 100

58 34.0 24.6 36.8



#18

Methyl Acetate

Concen: 1.856 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.17 min

Lab File: VU027022.D

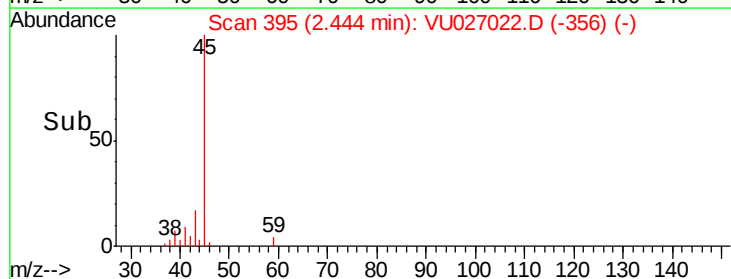
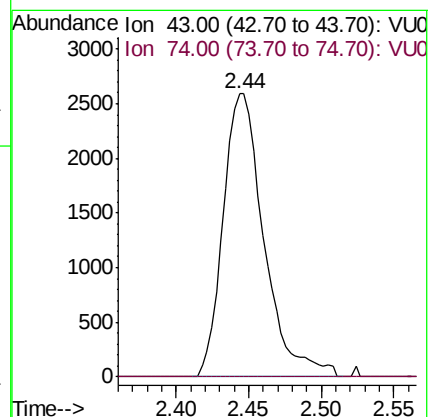
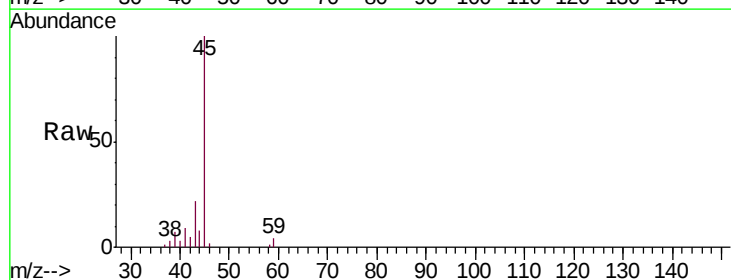
Acq: 22 Sep 2018 17:44

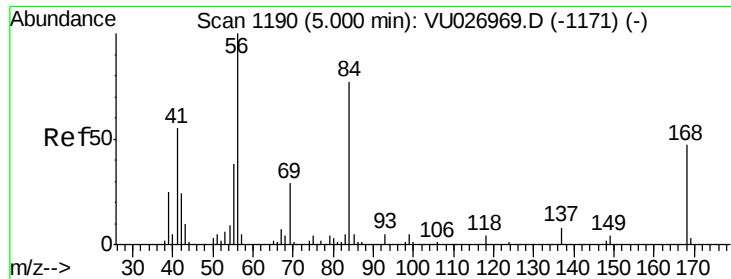
Tgt Ion: 43 Resp: 5086

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#

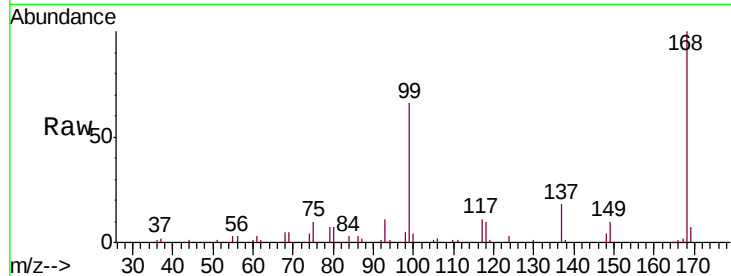




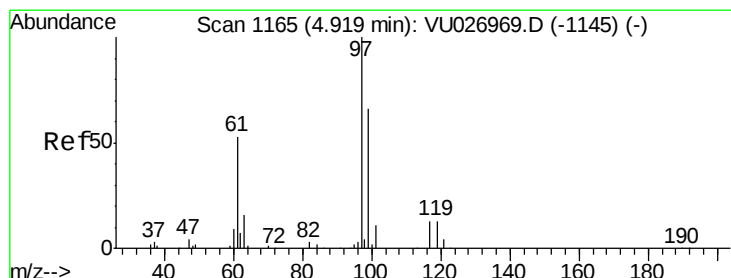
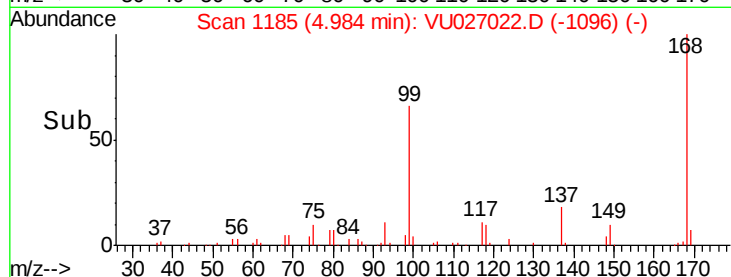
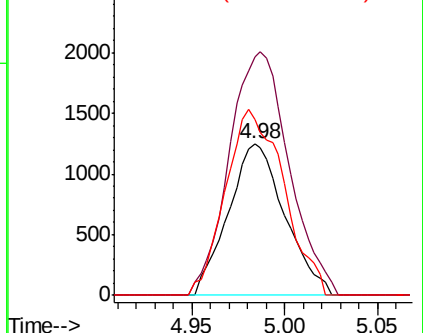
#31
Cyclohexane
Concen: 0.351 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027022.D
Acq: 22 Sep 2018 17:44

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW04-20180914

Tgt Ion: 56 Resp: 2646
Ion Ratio Lower Upper
56 100
69 156.5 23.0 34.4#
84 115.9 61.4 92.2#

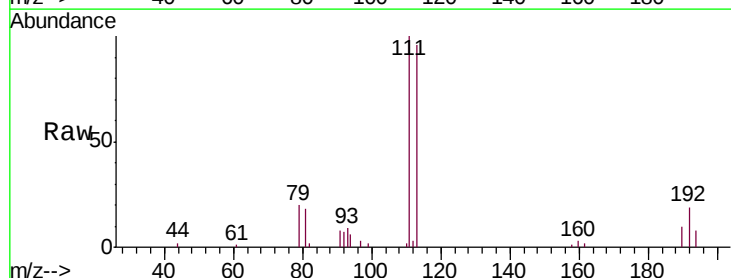


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

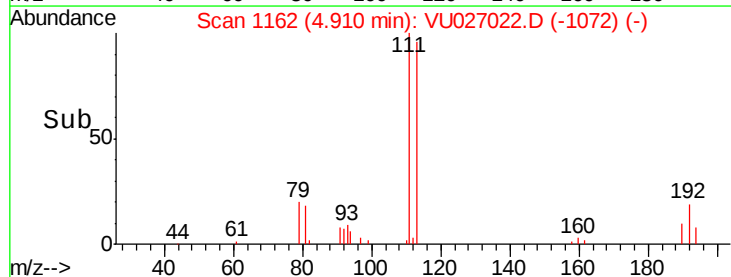
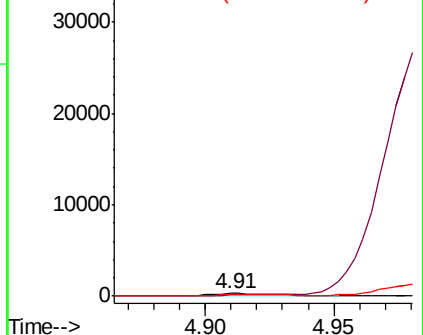


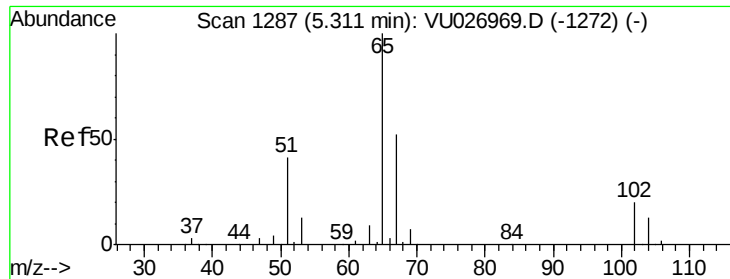
#32
1,1,1-Trichloroethane
Concen: 0.235 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.01 min
Lab File: VU027022.D
Acq: 22 Sep 2018 17:44

Tgt Ion: 97 Resp: 549
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 35.7 41.1 61.7#



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

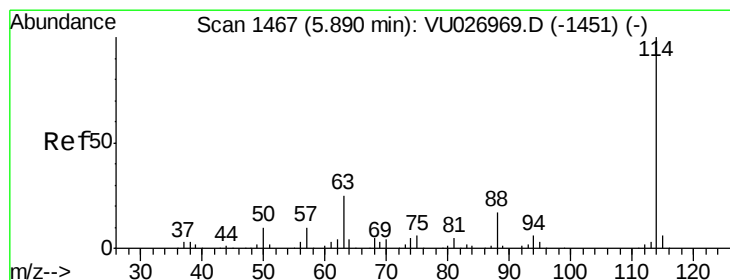
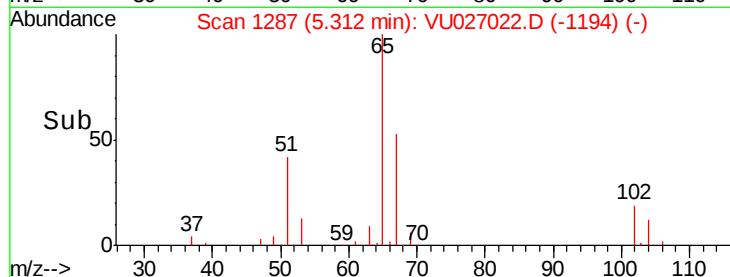
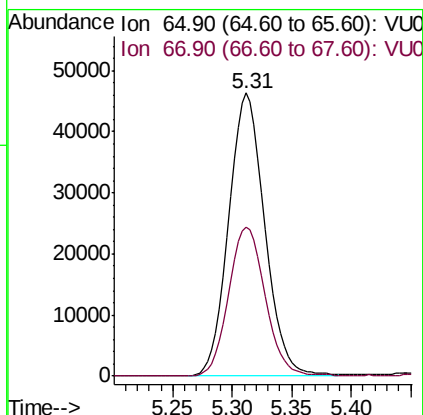
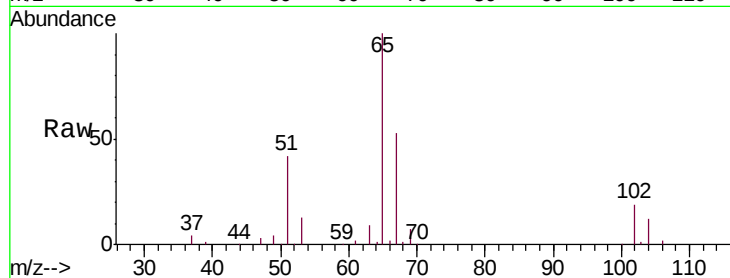




#33
 1,2-Dichloroethane-d4
 Concen: 50.678 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027022.D
 Acq: 22 Sep 2018 17:44

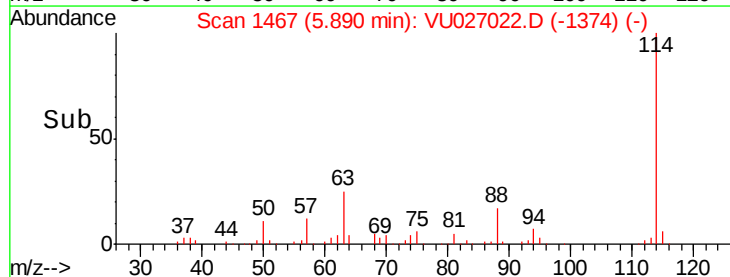
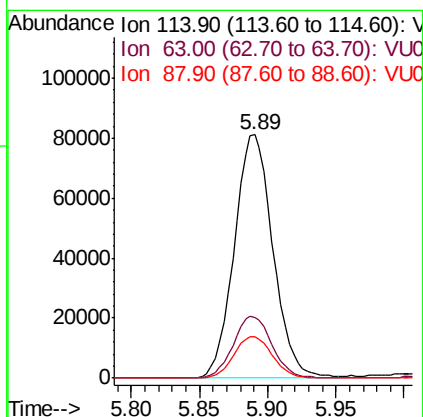
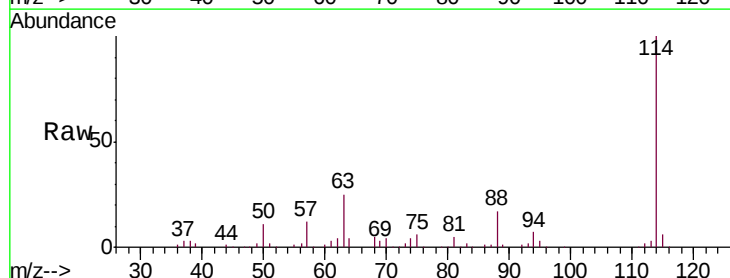
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW04-20180914

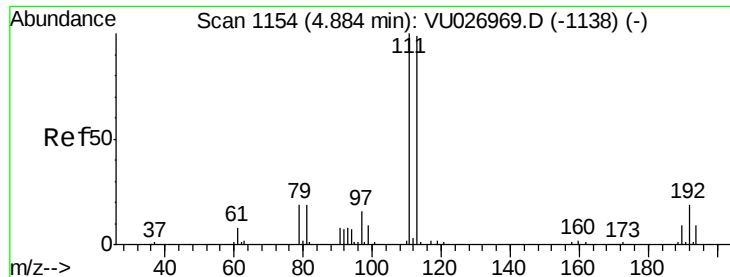
Tgt Ion: 65 Resp: 97554
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027022.D
 Acq: 22 Sep 2018 17:44

Tgt Ion: 114 Resp: 159340
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 17.1 0.0 33.8

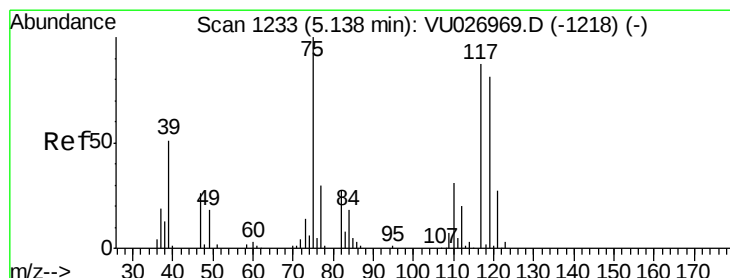
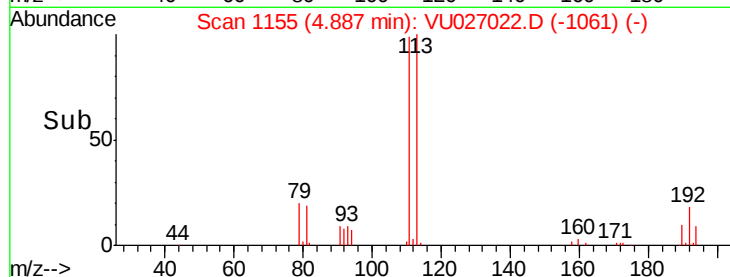
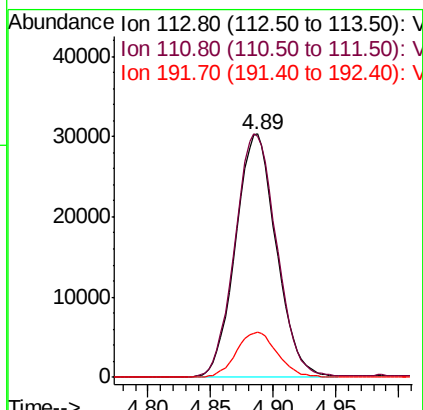
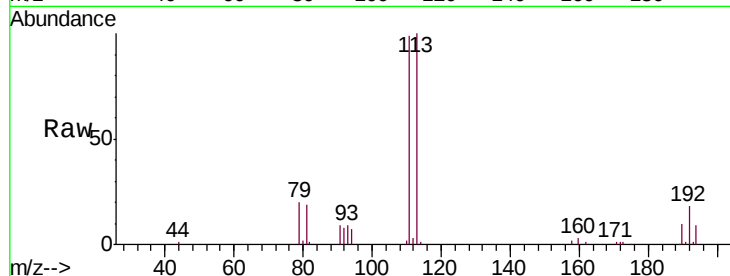




#35
 Dibromofluoromethane
 Concen: 49.744 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027022.D
 Acq: 22 Sep 2018 17:44

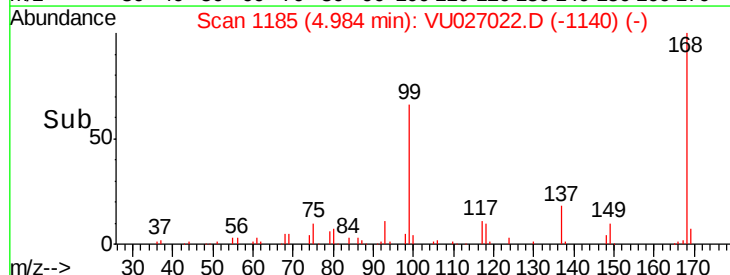
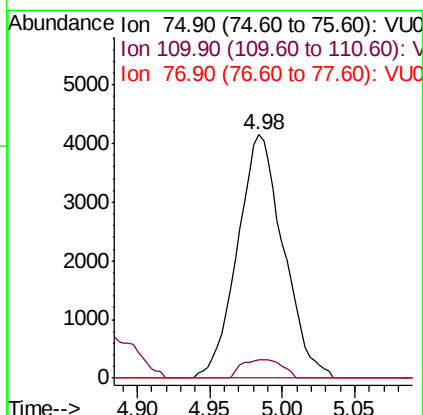
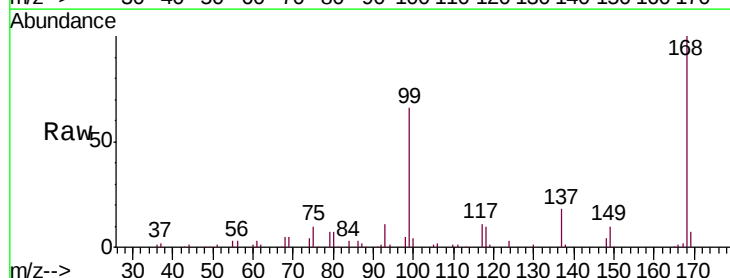
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW04-20180914

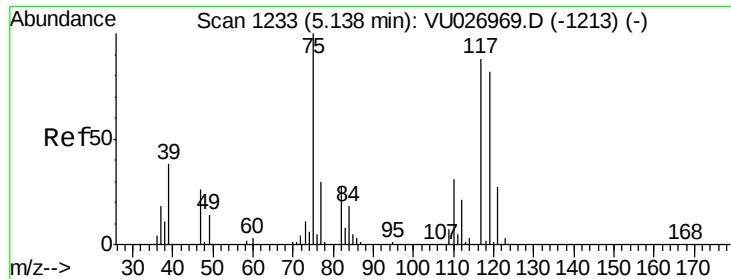
Tgt Ion: 113 Resp: 68704
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 18.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.290 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027022.D
 Acq: 22 Sep 2018 17:44

Tgt Ion: 75 Resp: 9123
 Ion Ratio Lower Upper
 75 100
 110 6.8 16.1 48.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.945 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027022.D

Acq: 22 Sep 2018 17:44

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-AOC22-MW04-20180914

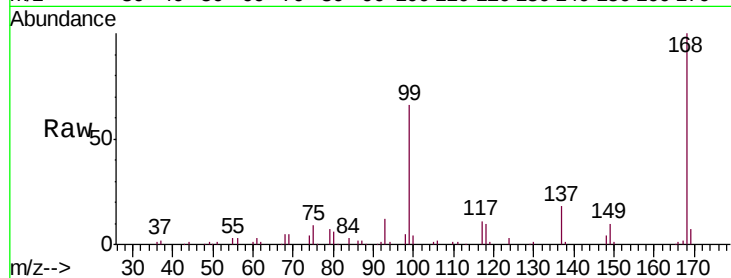
Tgt Ion:117 Resp: 10007

Ion Ratio Lower Upper

117 100

119 6.0 74.4 111.6#

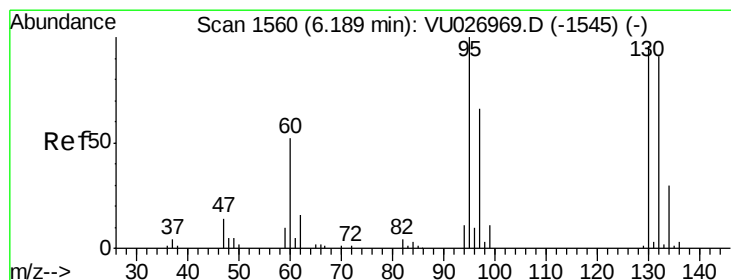
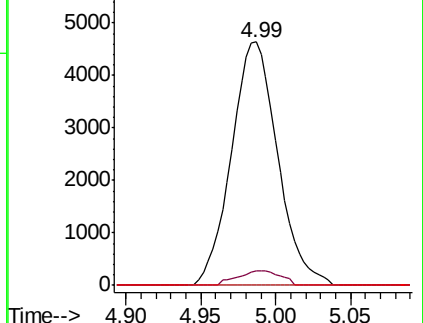
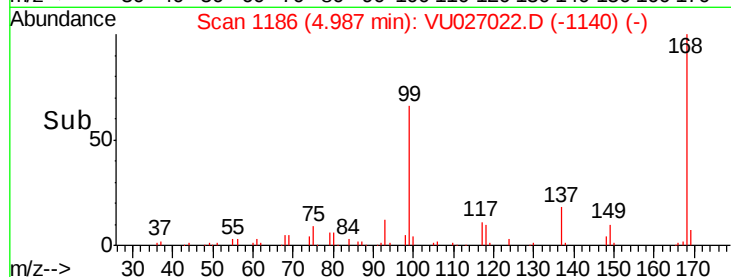
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 2.575 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027022.D

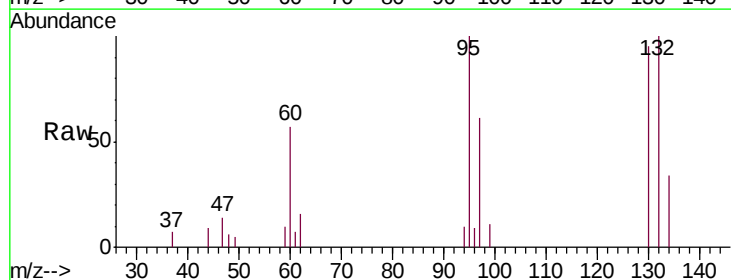
Acq: 22 Sep 2018 17:44

Tgt Ion:130 Resp: 3544

Ion Ratio Lower Upper

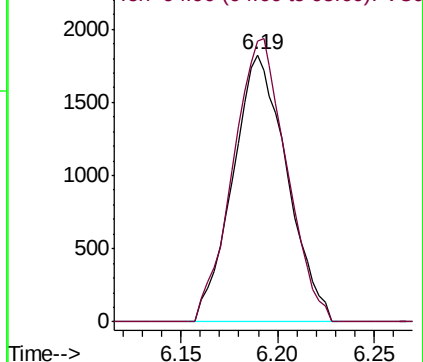
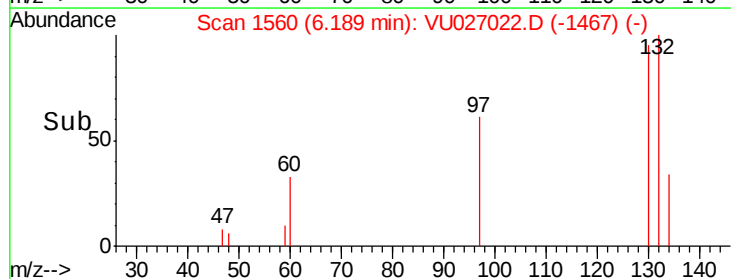
130 100

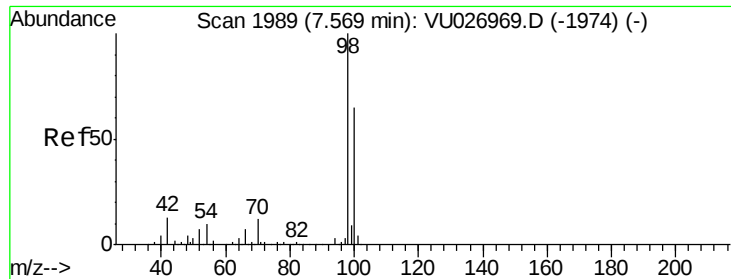
95 105.4 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

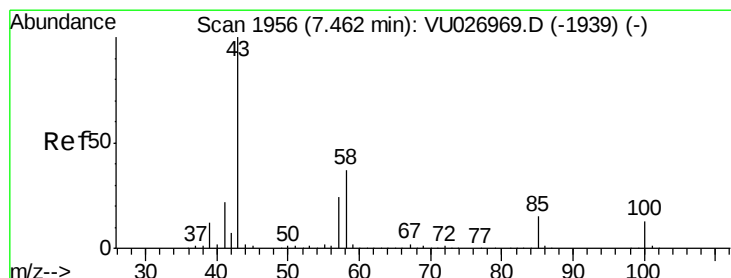
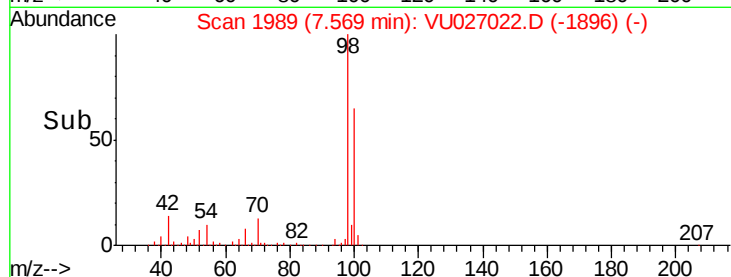
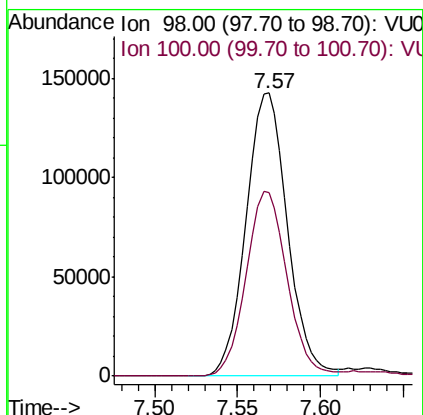
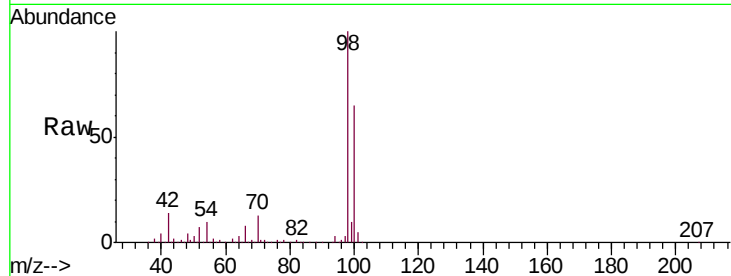




#50
Toluene-d8
Concen: 47.320 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027022.D
Acq: 22 Sep 2018 17:44

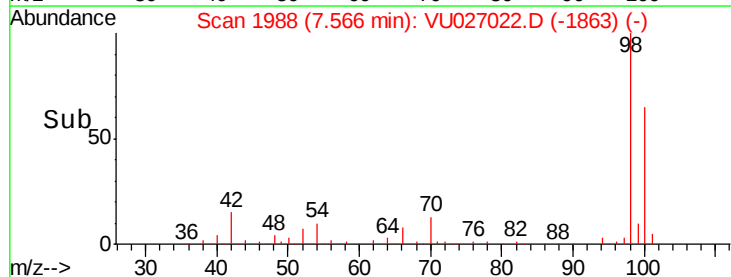
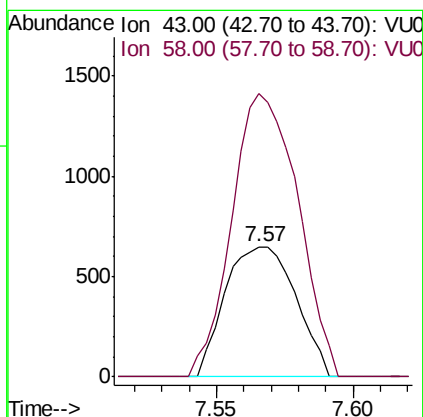
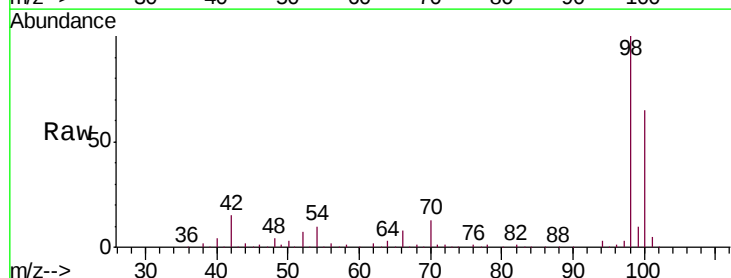
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW04-20180914

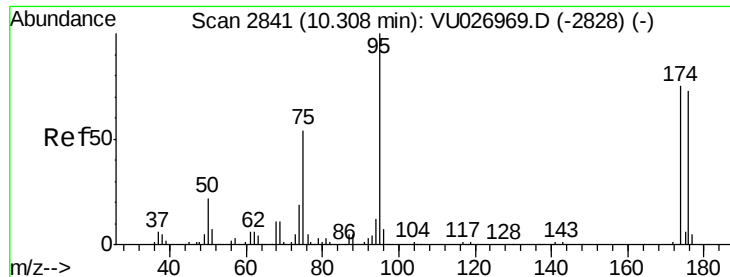
Tgt Ion: 98 Resp: 249079
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.413 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027022.D
Acq: 22 Sep 2018 17:44

Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 203.8 29.8 44.6#





#62

4-Bromofluorobenzene

Concen: 46.107 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027022.D

Acq: 22 Sep 2018 17:44

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-AOC22-MW04-20180914

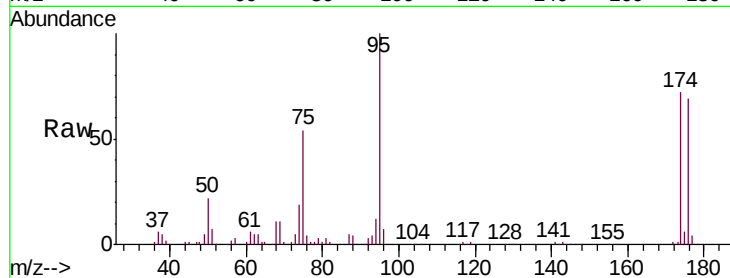
Tgt Ion: 95 Resp: 83276

Ion Ratio Lower Upper

95 100

174 72.8 0.0 150.2

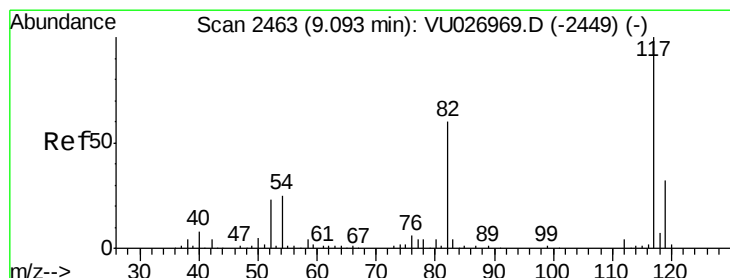
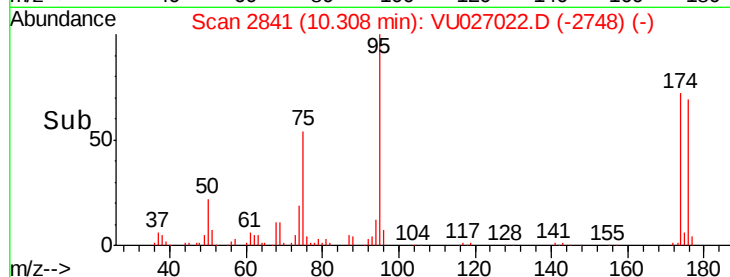
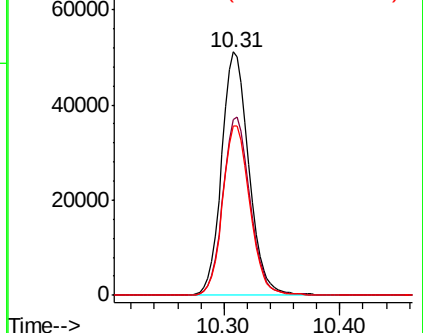
176 69.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027022.D

Acq: 22 Sep 2018 17:44

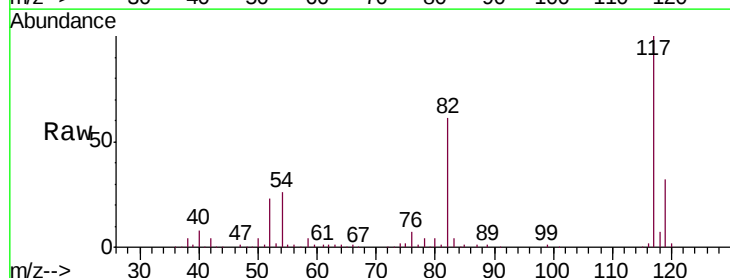
Tgt Ion: 117 Resp: 156180

Ion Ratio Lower Upper

117 100

82 61.2 48.0 72.0

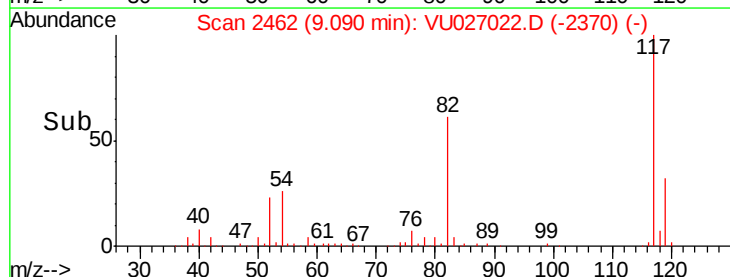
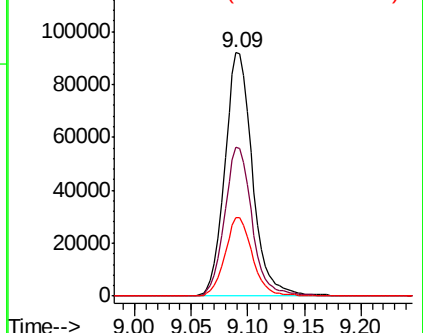
119 32.0 25.8 38.8

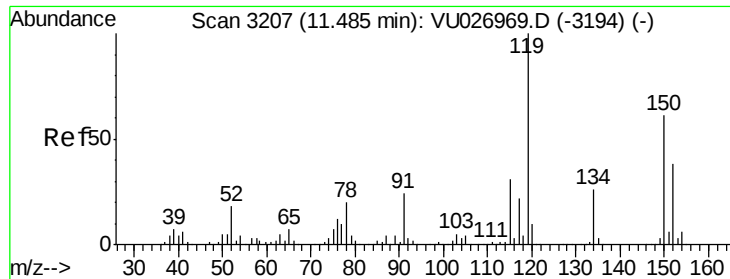


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)



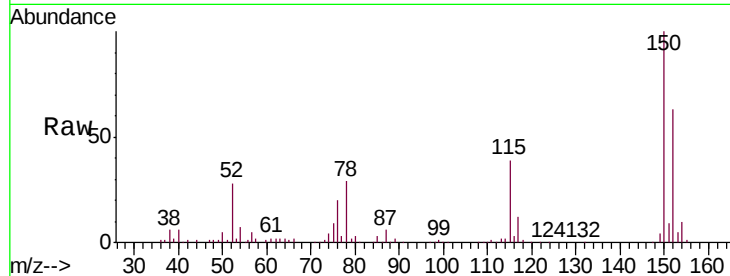


#72

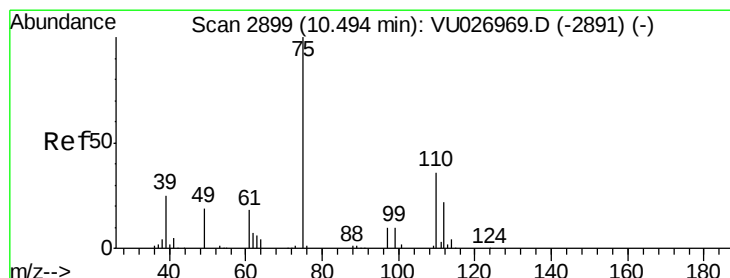
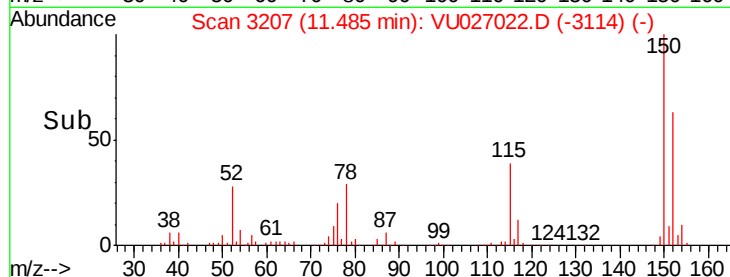
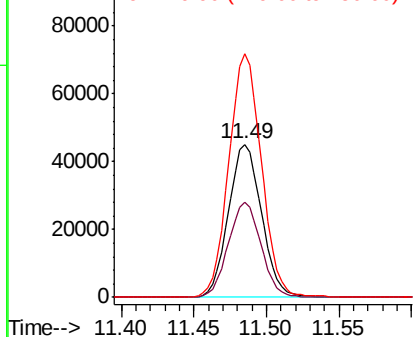
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027022.D
Acq: 22 Sep 2018 17:44

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW04-20180914

Tgt Ion: 152 Resp: 71485
Ion Ratio Lower Upper
152 100
115 61.5 44.9 134.5
150 157.5 0.0 355.8



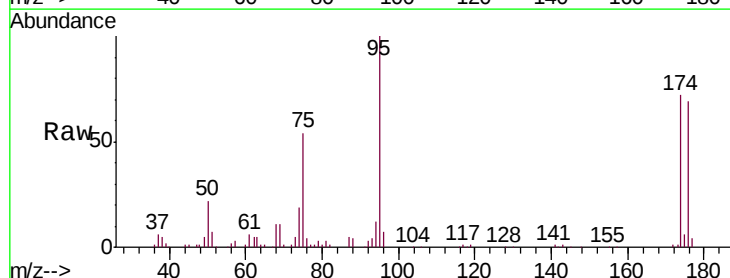
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



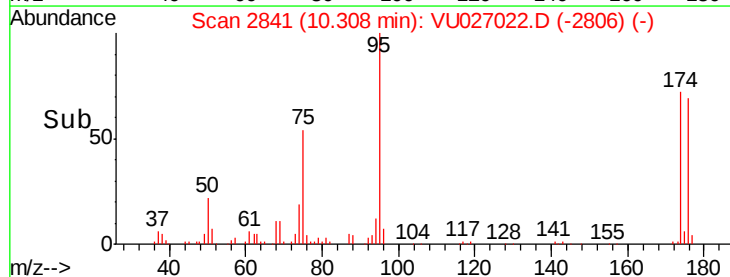
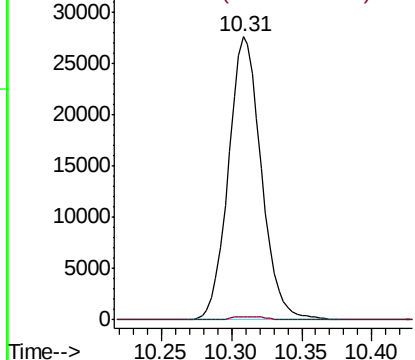
#76

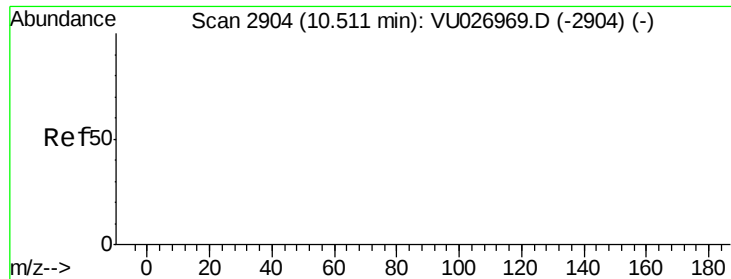
1,2,3-Trichloropropane
Concen: 20.769 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027022.D
Acq: 22 Sep 2018 17:44

Tgt Ion: 75 Resp: 45103
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0

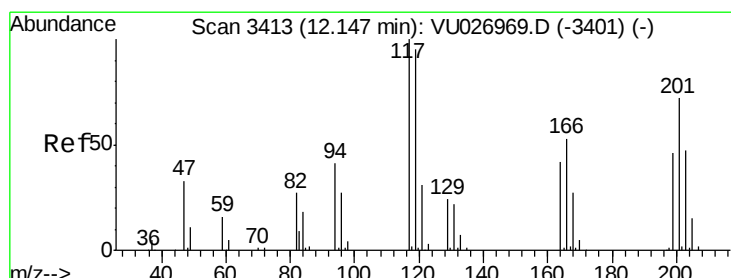
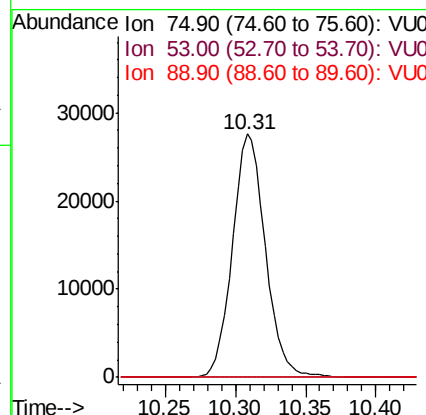
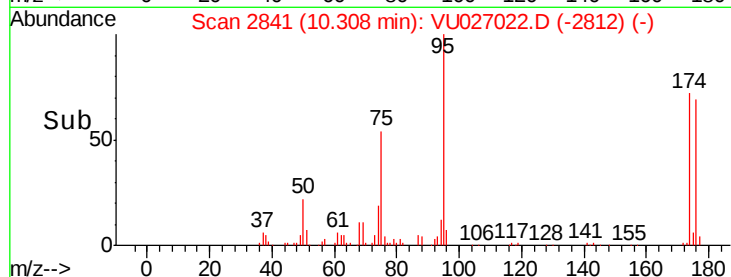
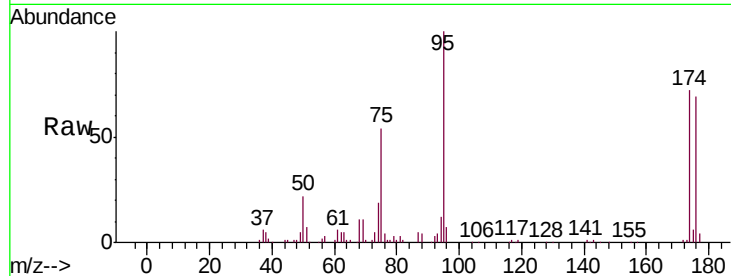




#81
trans-1,4-Dichloro-2-butene
Concen: 66.463 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027022.D
Acq: 22 Sep 2018 17:44

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW04-20180914

Tgt Ion: 75 Resp: 45103
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#90
Hexachloroethane
Concen: 0.274 ug/l
RT: 12.36 min Scan# 3479
Delta R.T. 0.21 min
Lab File: VU027022.D
Acq: 22 Sep 2018 17:44

Tgt Ion: 117 Resp: 270
Ion Ratio Lower Upper
117 100
201 0.0 36.8 110.3#

