

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028568.D
 Acq On : 10 Dec 2018 22:01
 Operator : MD/SY
 Sample : J6335-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW06-20181207

Quant Time: Dec 11 03:41:20 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	79621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	149268	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	130508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	49280	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	69264	57.00	ug/l	0.00
Spiked Amount			Recovery	=	114.00%	
35) Dibromofluoromethane	4.88	113	50648	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
50) Toluene-d8	7.57	98	193311	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	10.31	95	61665	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	

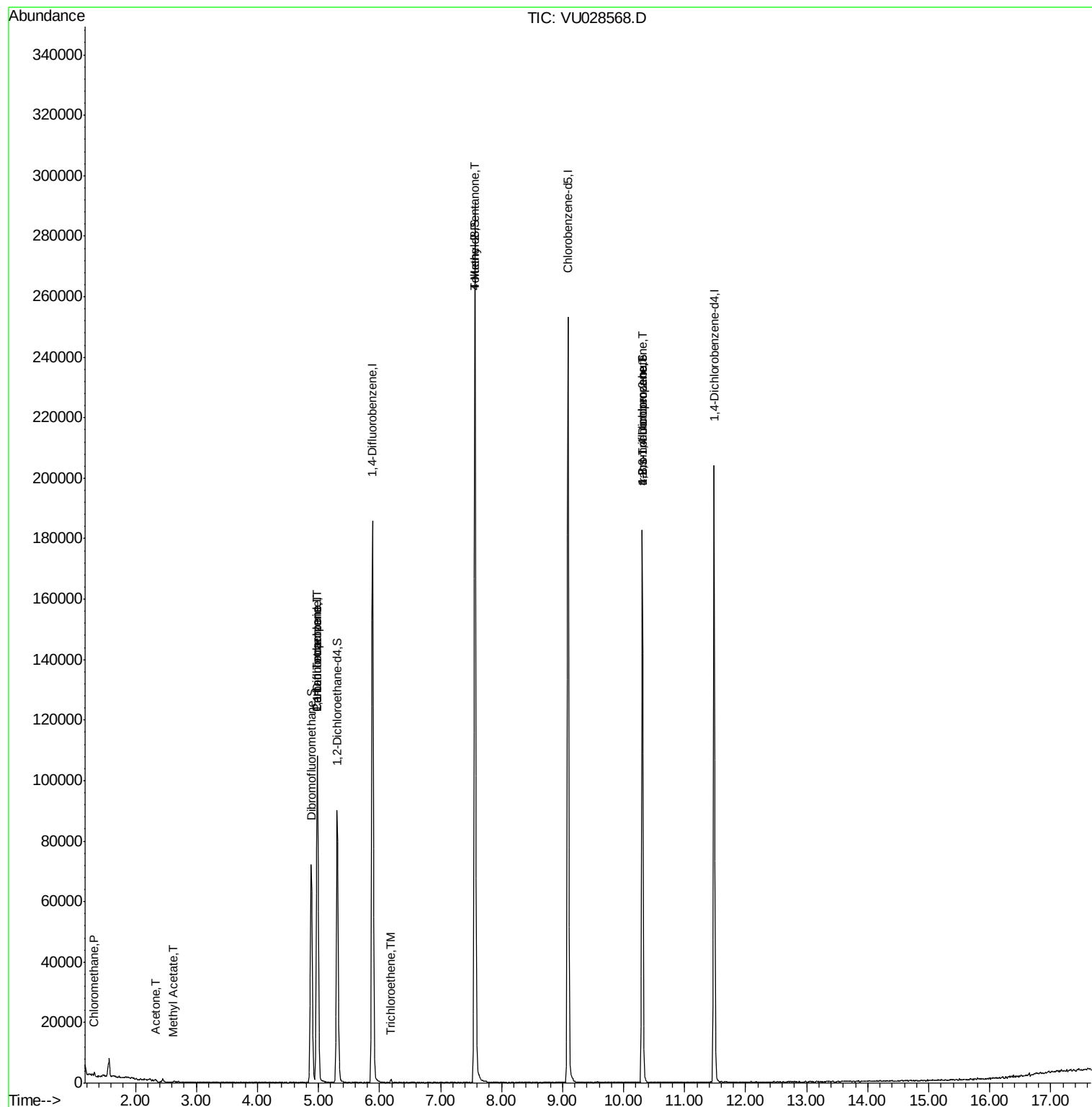
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1068	0.544	ug/l	93
16) Acetone	2.32	43	891	1.124	ug/l #	44
18) Methyl Acetate	2.63	43	450	0.219	ug/l #	56
31) Cyclohexane	4.98	56	2025	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7381	4.519	ug/l #	49
38) Carbon Tetrachloride	4.98	117	8183	6.216	ug/l #	15
44) Trichloroethene	6.19	130	375	0.351	ug/l	81
51) 4-Methyl-2-Pentanone	7.56	43	900	0.427	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	31197	24.791	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	31197	60.840	ug/l #	100

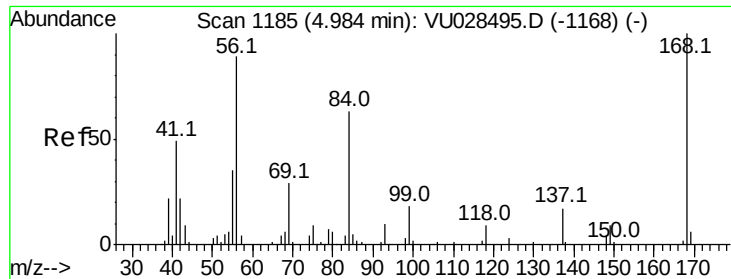
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
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BP-TT-AOC22-MW06-20181207

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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: VU028568.D

Acq: 10 Dec 2018 22:01

Instrument :

MSVOA_U

ClientSampleId :

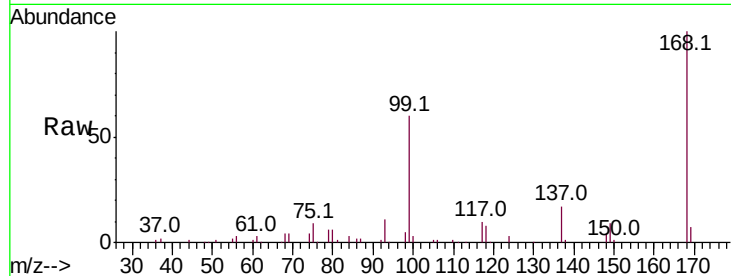
BP-TT-AOC22-MW06-20181207

Tot Ion:168 Resp: 79621

Ion Ratio Lower Upper

168 100

99 59.9 46.6 69.8



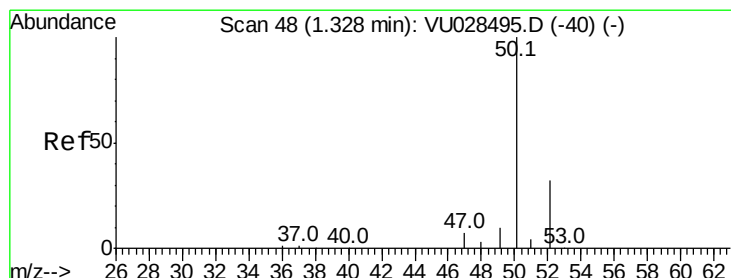
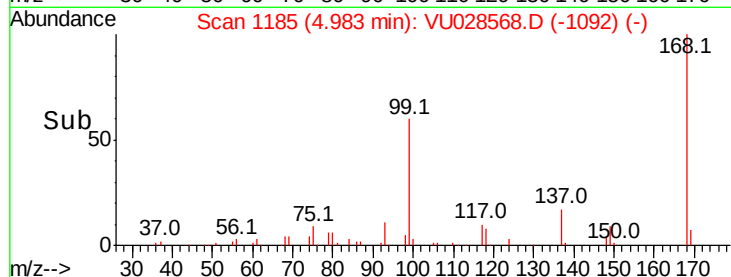
Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

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

4.98

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 0.544 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028568.D

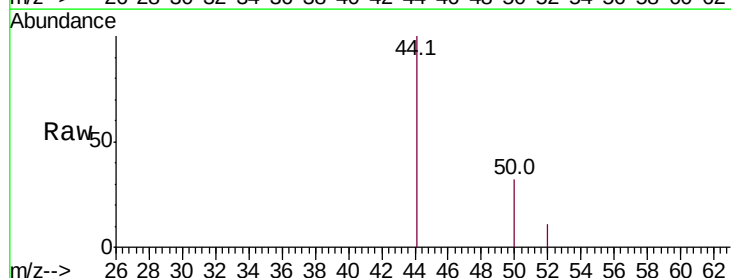
Acq: 10 Dec 2018 22:01

Tgt Ion: 50 Resp: 1068

Ion Ratio Lower Upper

50 100

52 35.8 25.5 38.3



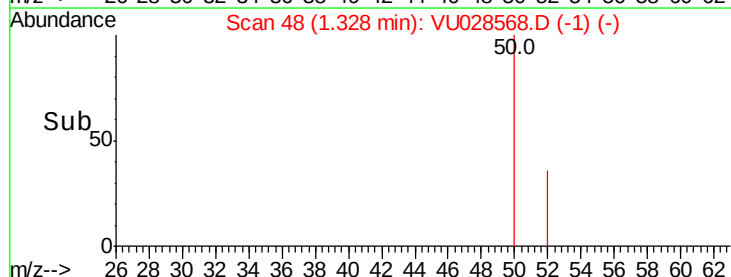
Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

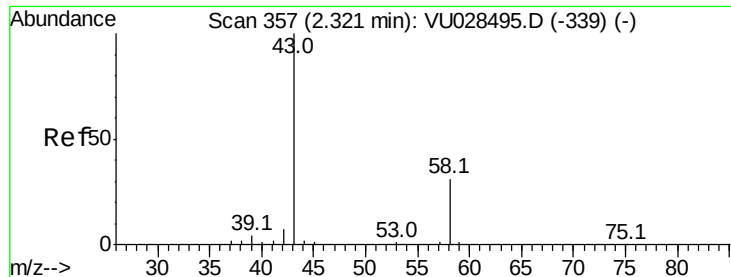
Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

1.30 1.35

Time-->





#16

Acetone

Concen: 1.124 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028568.D

Acq: 10 Dec 2018 22:01

Instrument :

MSVOA_U

ClientSampleId :

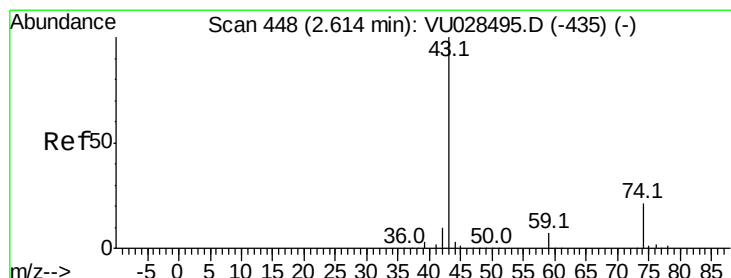
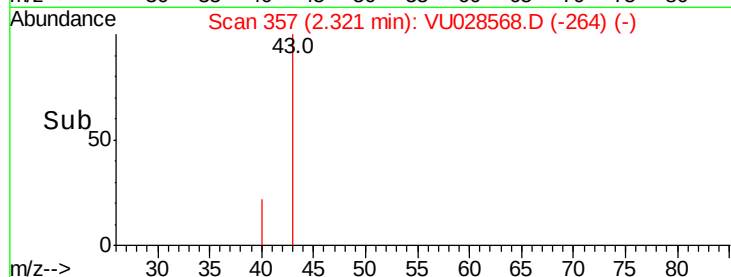
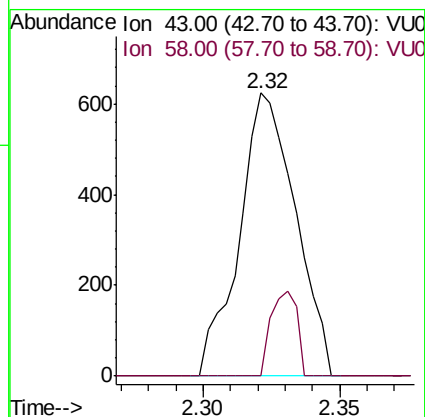
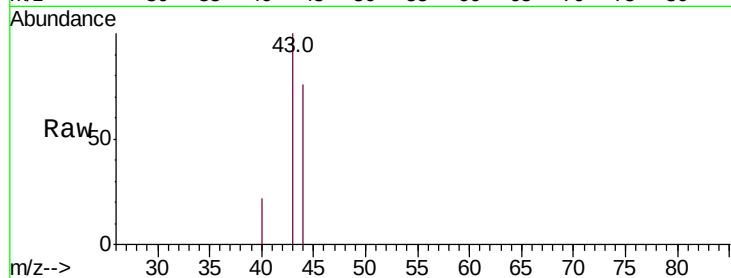
BP-TT-AOC22-MW06-20181207

Tot Ion: 43 Resp: 891

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



#18

Methyl Acetate

Concen: 0.219 ug/l

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028568.D

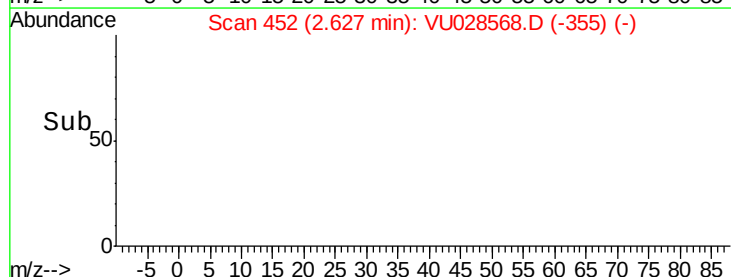
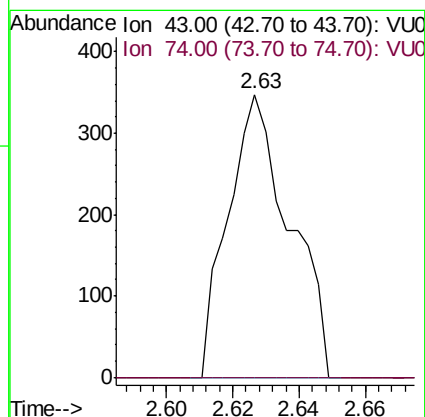
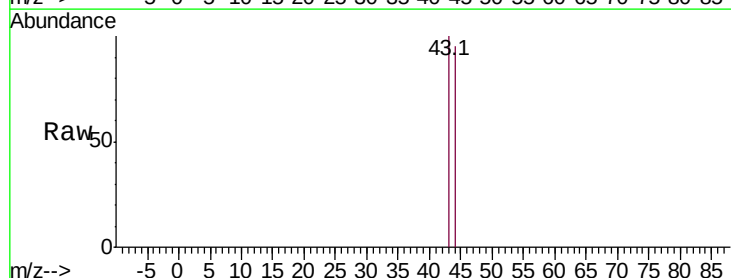
Acq: 10 Dec 2018 22:01

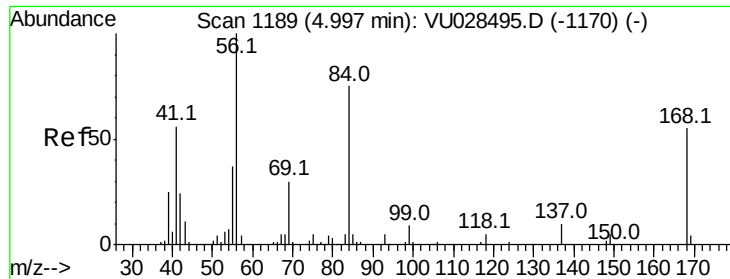
Tgt Ion: 43 Resp: 450

Ion Ratio Lower Upper

43 100

74 0.0 16.4 24.6#

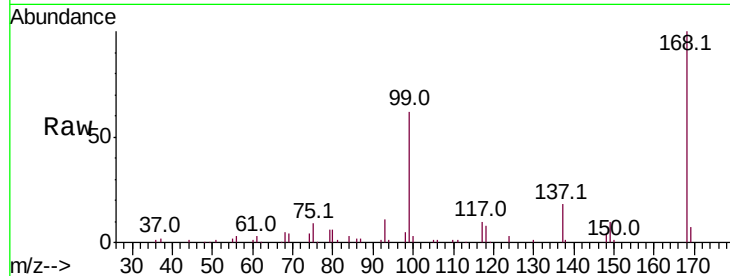




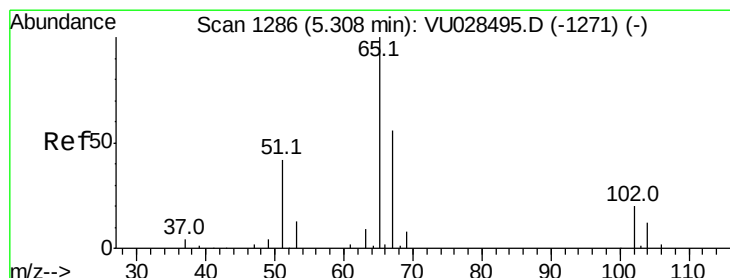
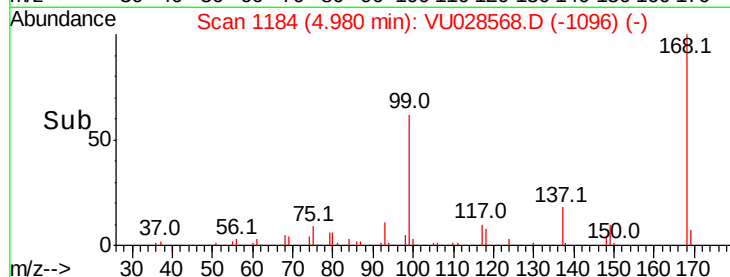
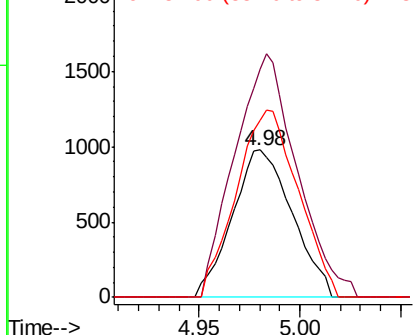
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028568.D
Acq: 10 Dec 2018 22:01

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW06-20181207

Tot Ion: 56 Resp: 2025
Ion Ratio Lower Upper
56 100
69 155.2 24.0 36.0#
84 120.6 59.7 89.5#

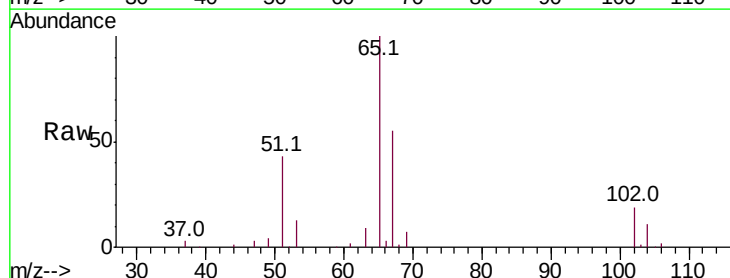


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

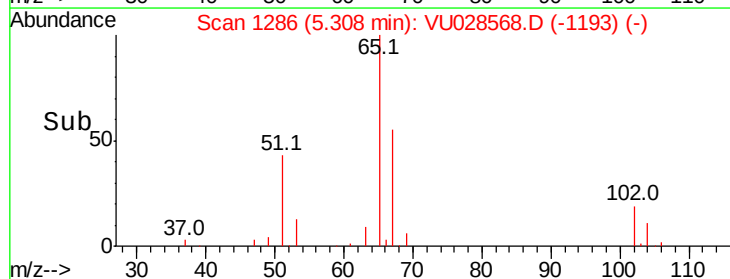
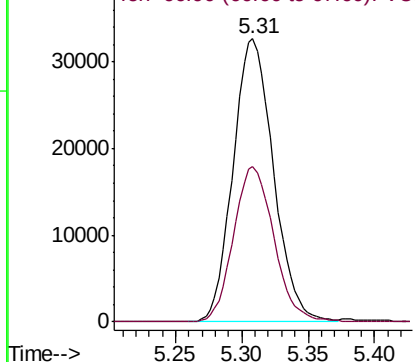


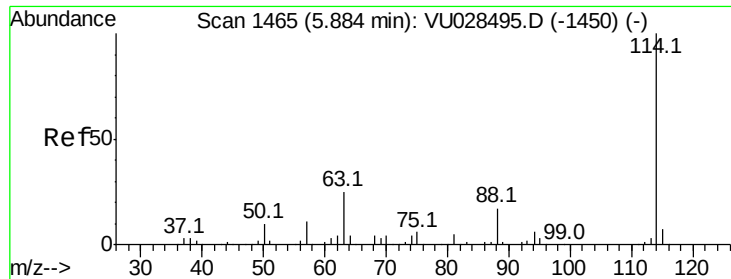
#33
1,2-Dichloroethane-d4
Concen: 57.004 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028568.D
Acq: 10 Dec 2018 22:01

Tgt Ion: 65 Resp: 69264
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

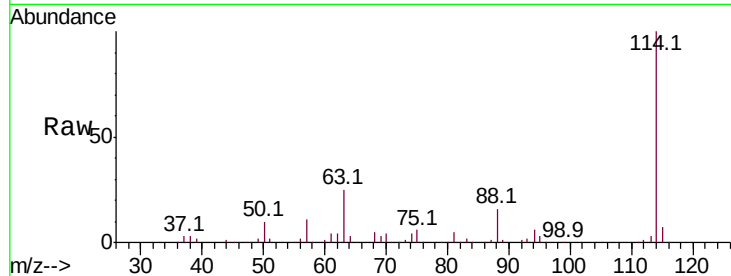




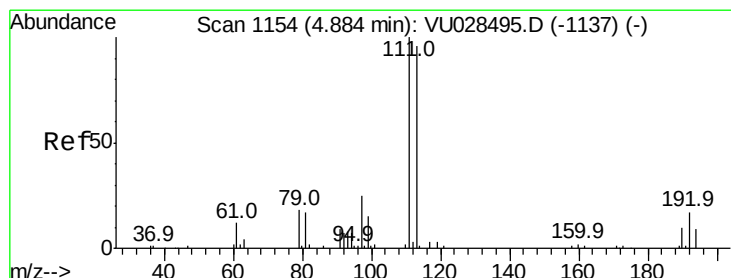
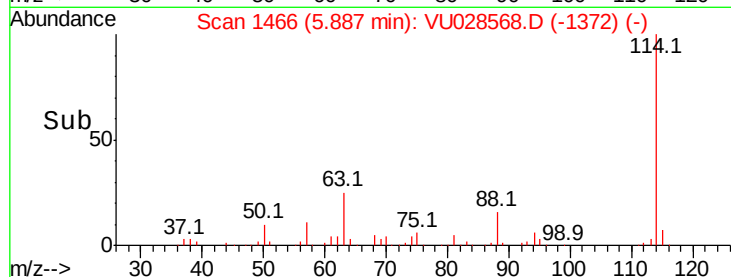
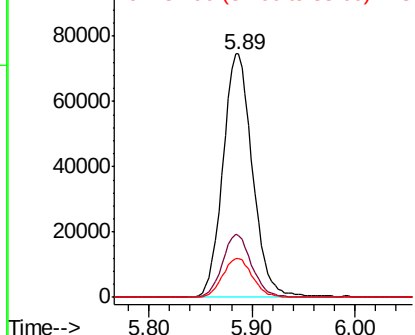
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028568.D
 Acq: 10 Dec 2018 22:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW06-20181207

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	49.2
88	16.2	0.0	33.4

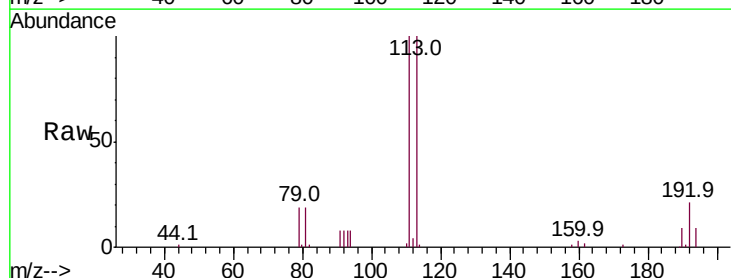


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

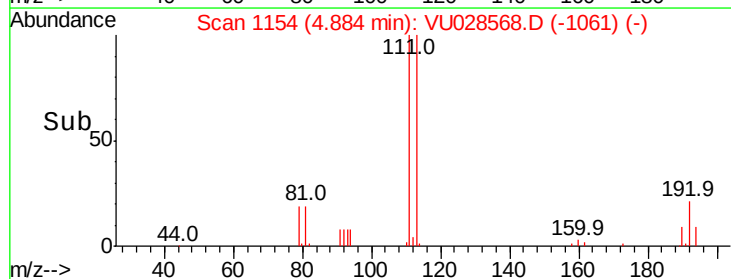
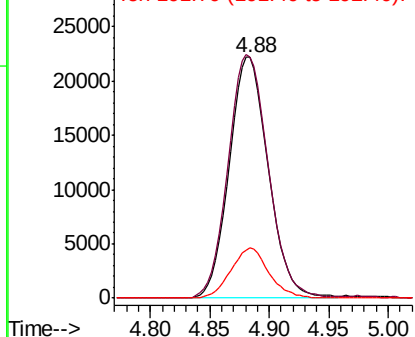


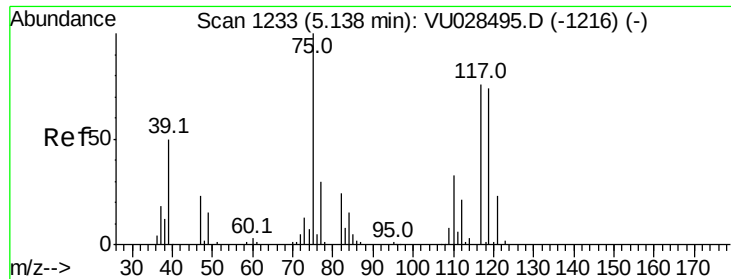
#35
 Dibromofluoromethane
 Concen: 53.918 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028568.D
 Acq: 10 Dec 2018 22:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.0
192	20.0	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

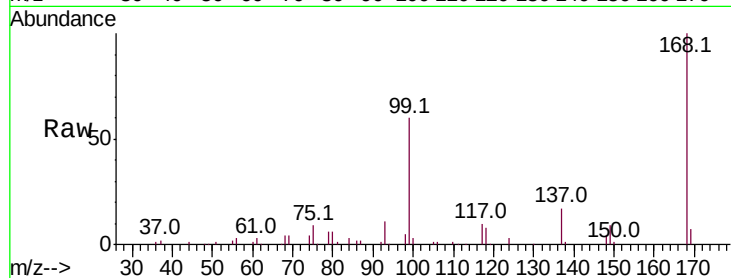




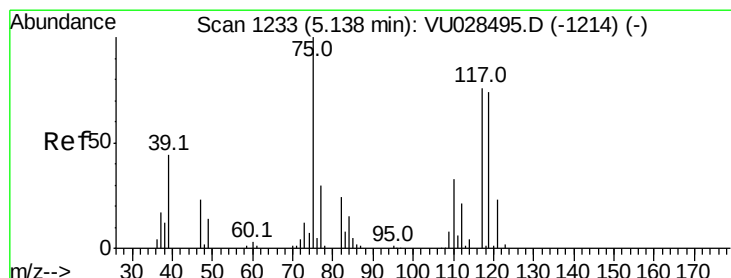
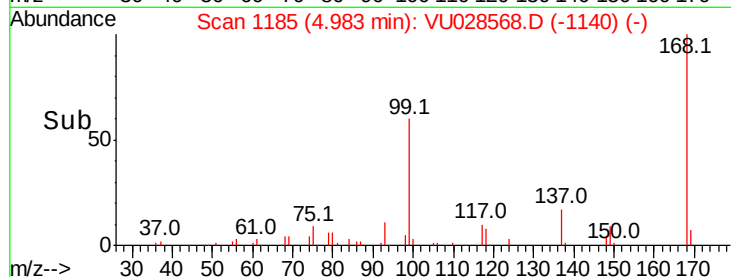
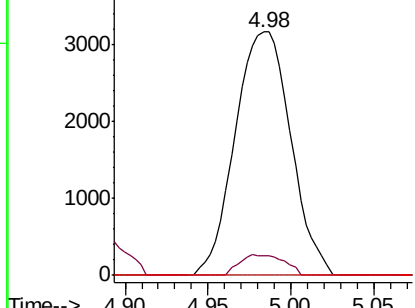
#36
 1,1-Dichloropropene
 Concen: 4.519 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028568.D
 Acq: 10 Dec 2018 22:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW06-20181207

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.1	48.2#
77	0.0	24.5	36.7#

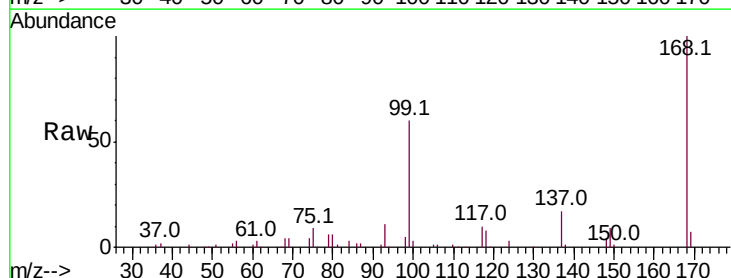


Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-1216) (-)
 Ion 109.90 (109.60 to 110.60): VU028495.D (-1216) (-)
 Ion 76.90 (76.60 to 77.60): VU028495.D (-1216) (-)

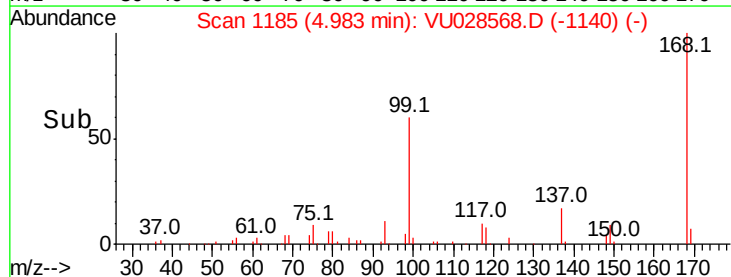
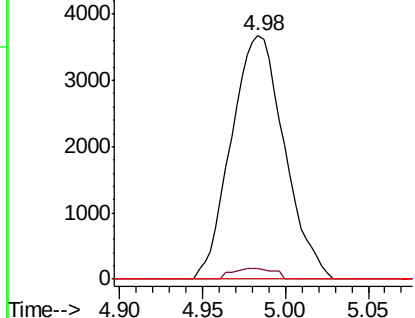


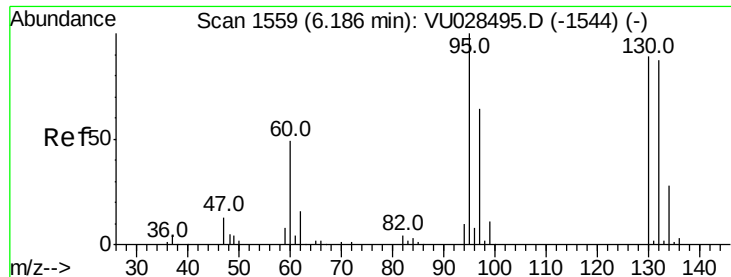
#38
 Carbon Tetrachloride
 Concen: 6.216 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028568.D
 Acq: 10 Dec 2018 22:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	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) (-)





#44

Trichloroethene

Concen: 0.351 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028568.D

Acq: 10 Dec 2018 22:01

Instrument :

MSVOA_U

ClientSampleId :

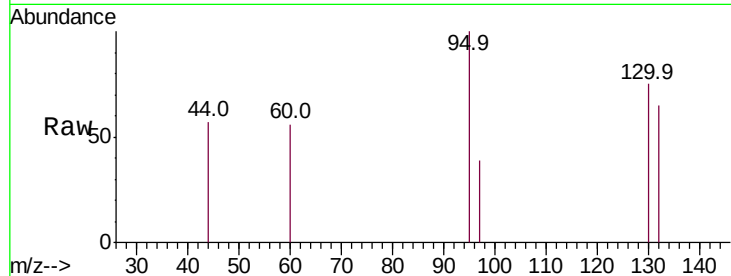
BP-TT-AOC22-MW06-20181207

Tot Ion:130 Resp: 375

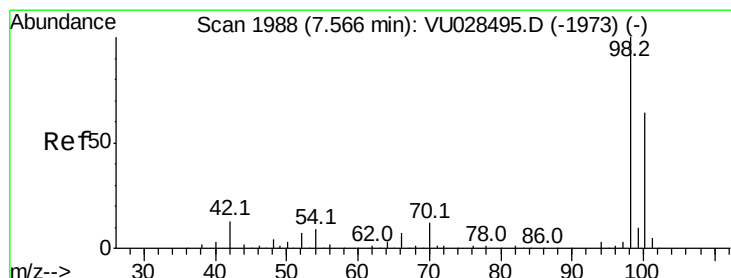
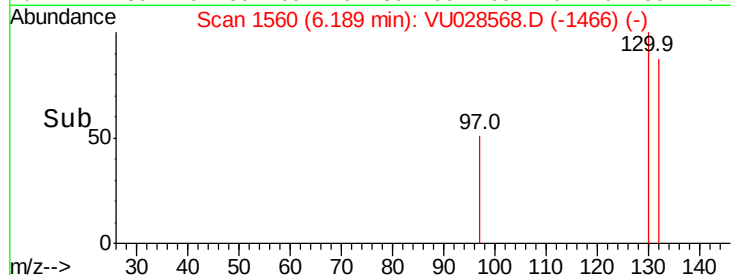
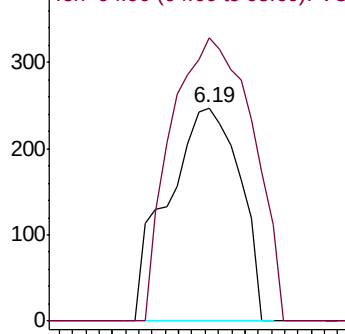
Ion Ratio Lower Upper

130 100

95 132.8 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)



#50

Toluene-d8

Concen: 52.022 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028568.D

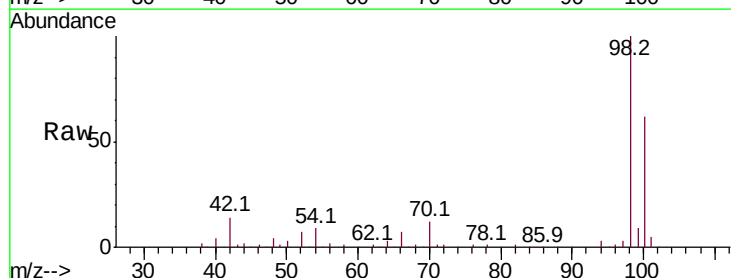
Acq: 10 Dec 2018 22:01

Tgt Ion: 98 Resp: 193311

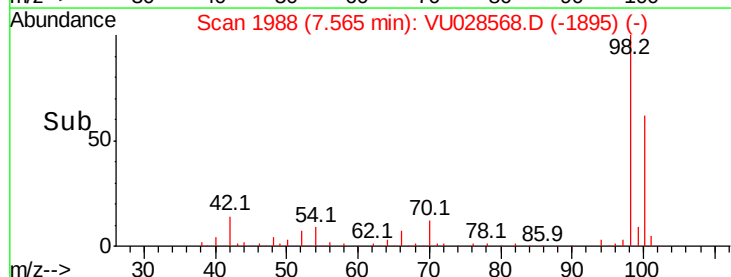
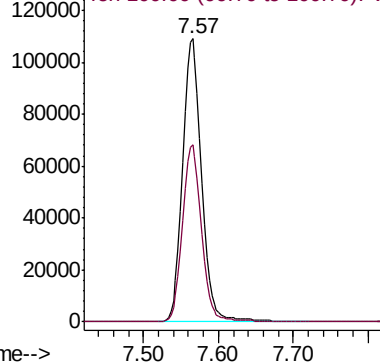
Ion Ratio Lower Upper

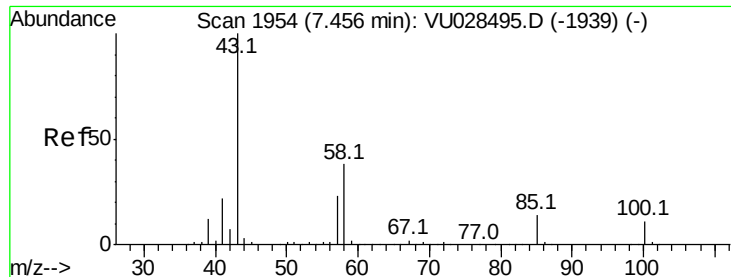
98 100

100 63.1 51.0 76.6



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





#51

4-Methyl-2-Pentanone

Concen: 0.427 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028568.D

Acq: 10 Dec 2018 22:01

Instrument :

MSVOA_U

ClientSampleId :

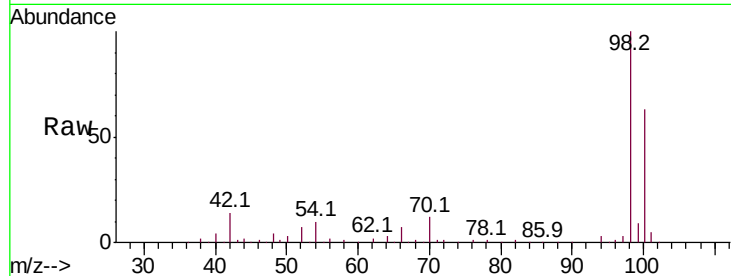
BP-TT-AOC22-MW06-20181207

Tot Ion: 43 Resp: 900

Ion Ratio Lower Upper

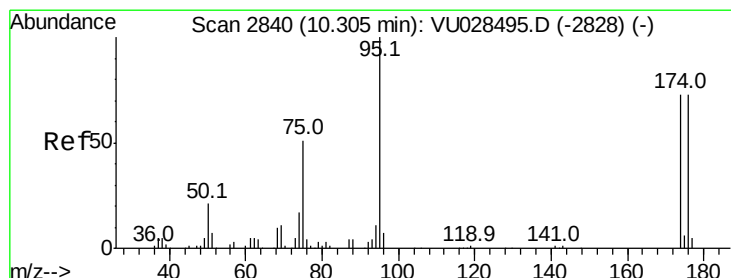
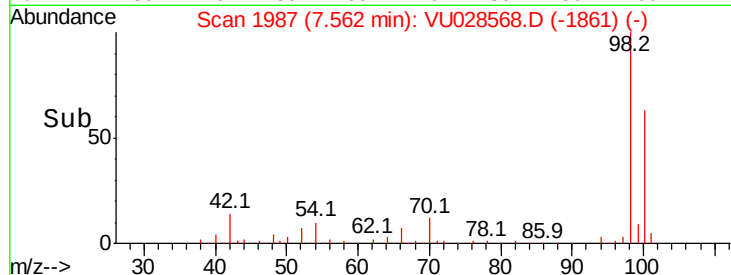
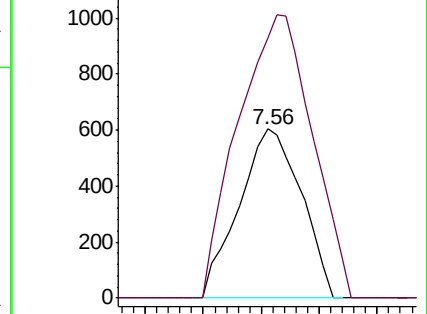
43 100

58 199.3 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 44.399 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028568.D

Acq: 10 Dec 2018 22:01

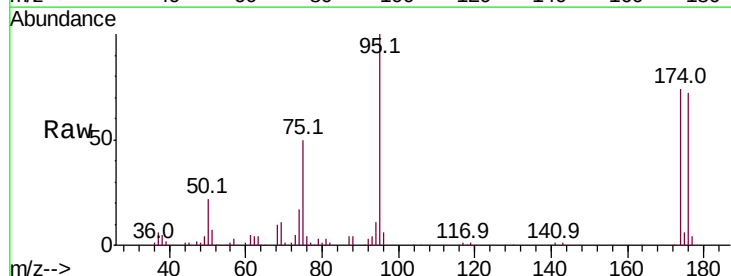
Tgt Ion: 95 Resp: 61665

Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.4

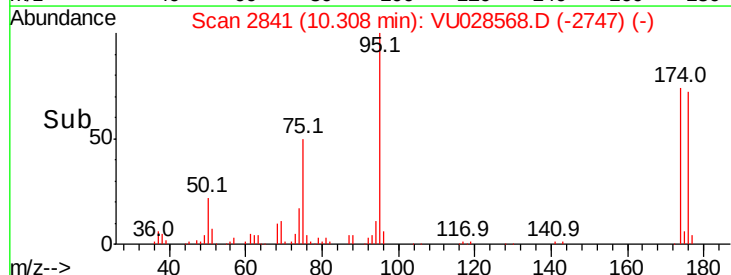
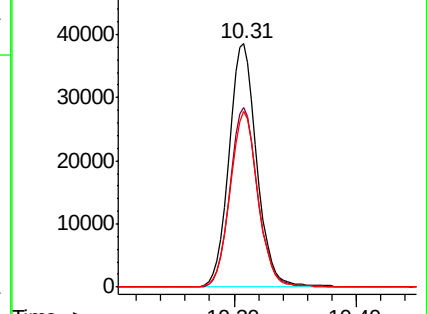
176 72.1 0.0 145.2

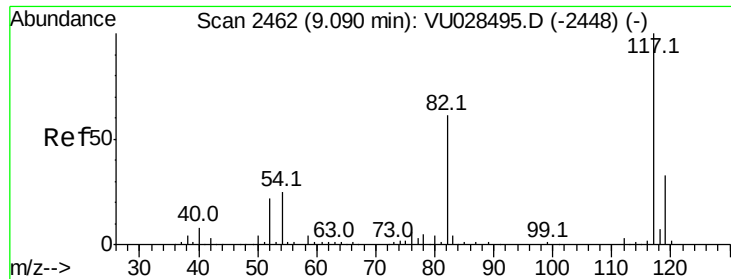


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

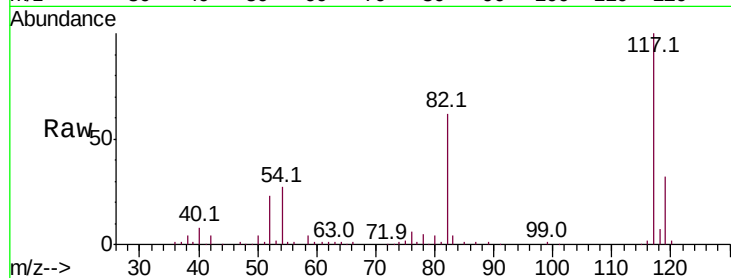




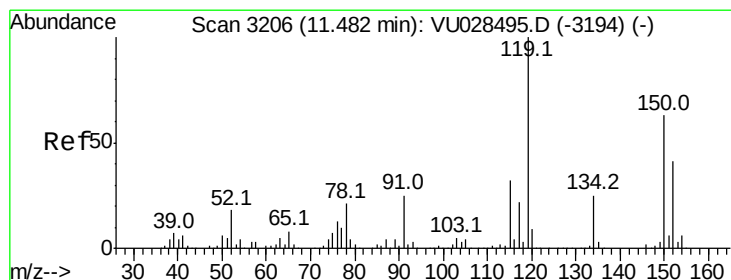
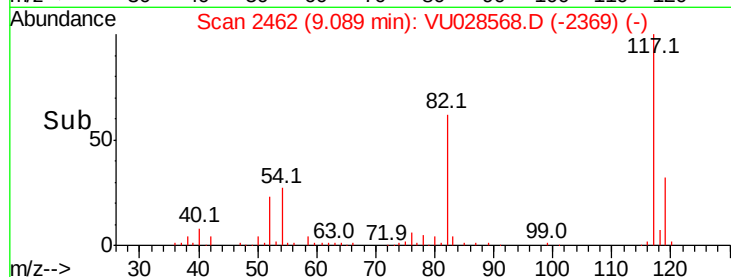
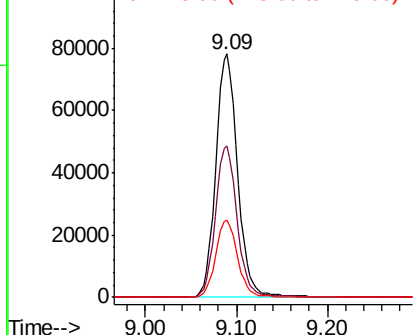
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028568.D
Acq: 10 Dec 2018 22:01

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW06-20181207

Tot Ion:117 Resp: 130508
Ion Ratio Lower Upper
117 100
82 62.1 48.9 73.3
119 31.8 26.2 39.4

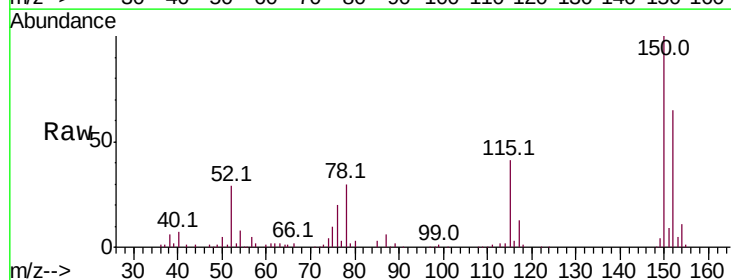


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

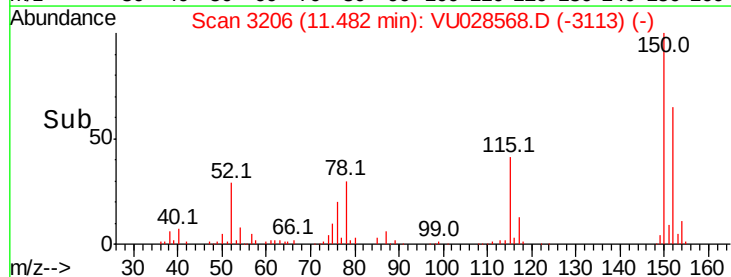
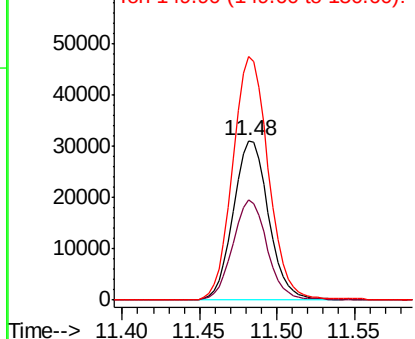


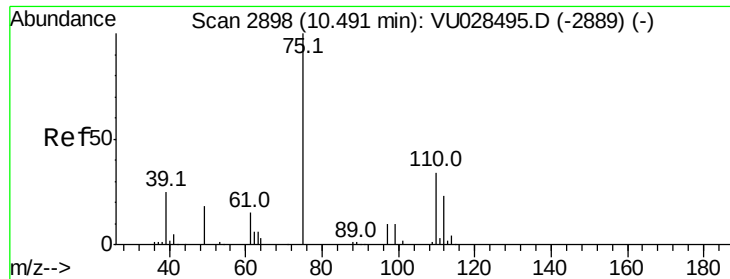
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028568.D
Acq: 10 Dec 2018 22:01

Tgt Ion:152 Resp: 49280
Ion Ratio Lower Upper
152 100
115 61.2 42.7 128.1
150 153.9 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

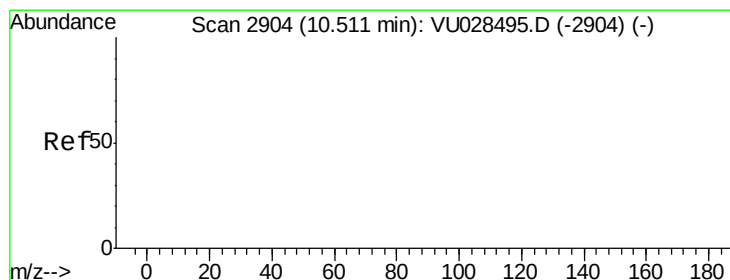
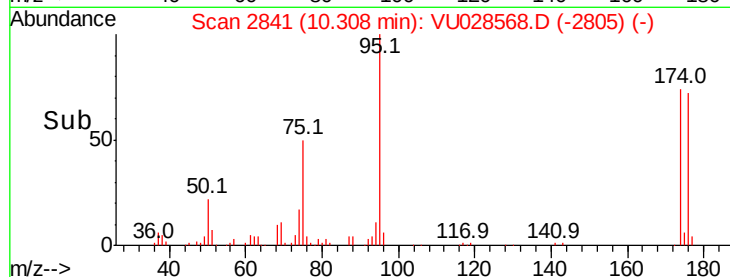
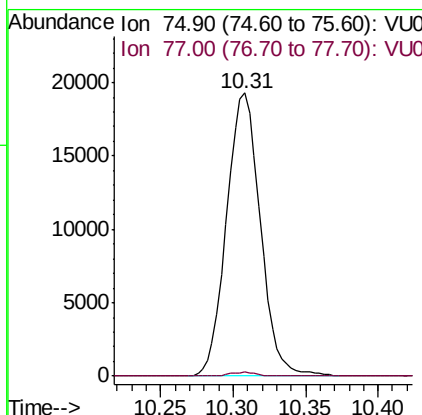
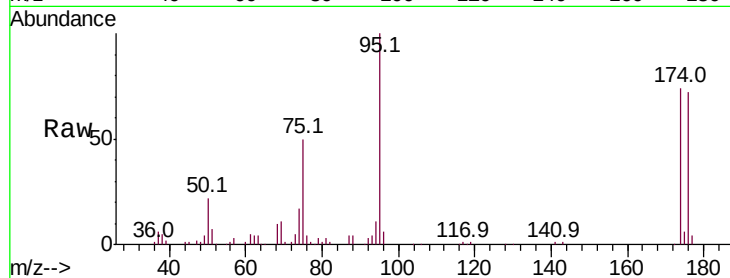




#76
 1,2,3-Trichloropropane
 Concen: 24.791 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.18 min
 Lab File: VU028568.D
 Acq: 10 Dec 2018 22:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW06-20181207

Tot Ion: 75 Resp: 31197
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.8 62.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.840 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU028568.D
 Acq: 10 Dec 2018 22:01

Tgt Ion: 75 Resp: 31197
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

