

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028585.D
 Acq On : 11 Dec 2018 05:40
 Operator : MD/SY
 Sample : J6335-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW03-20181208

Quant Time: Dec 11 07:10:46 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

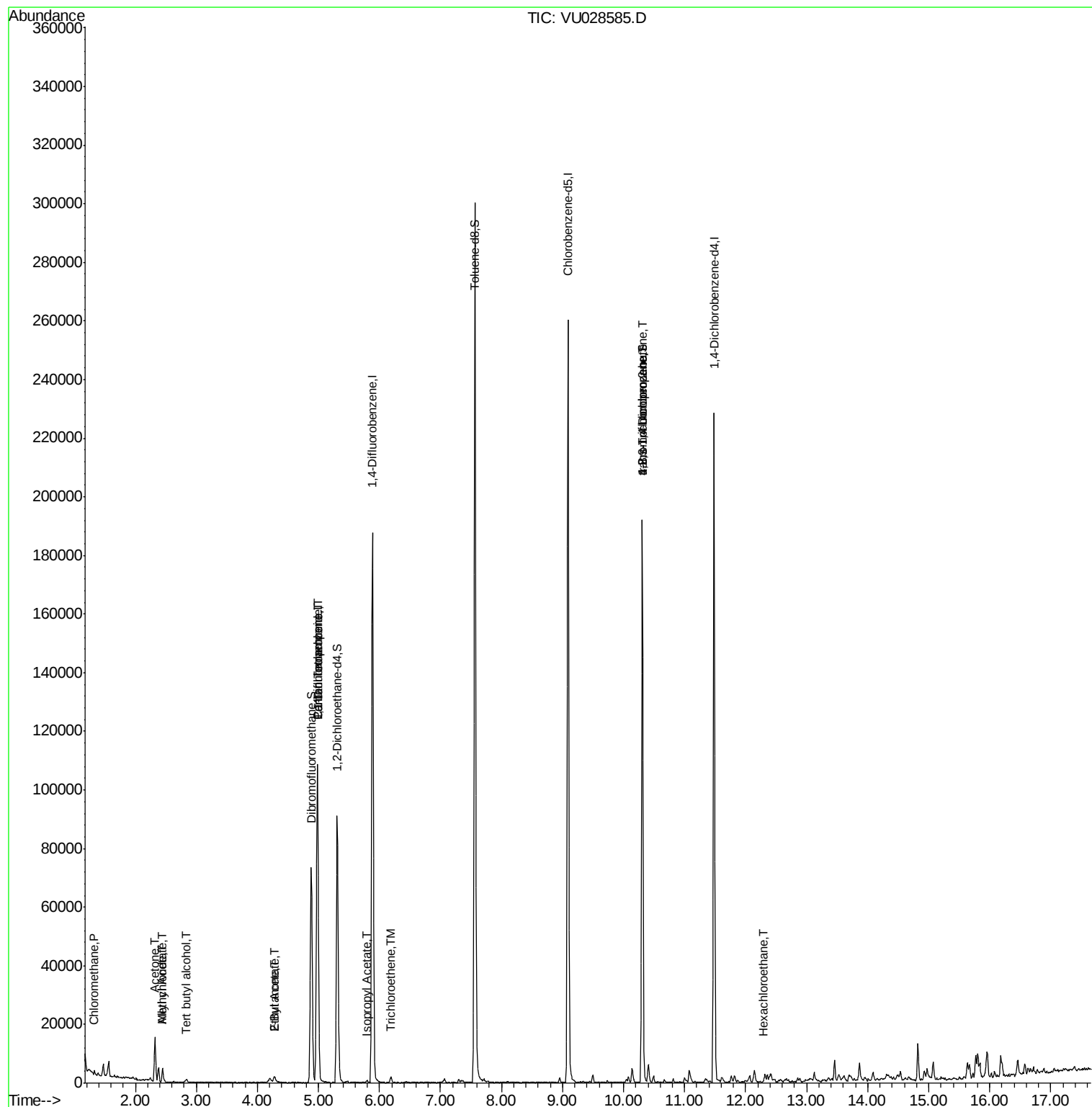
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	79309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	151092	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	69603	57.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.02%	
35) Dibromofluoromethane	4.88	113	51131	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
50) Toluene-d8	7.57	98	194350	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	10.30	95	63993	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1250	0.640	ug/l	92
11) Tert butyl alcohol	2.83	59	1391	5.159	ug/l #	73
14) Allyl chloride	2.45	41	419	0.201	ug/l #	57
16) Acetone	2.32	43	15975	20.227	ug/l	99
18) Methyl Acetate	2.45	43	1179	0.576	ug/l #	56
25) 2-Butanone	4.28	43	4257	3.944	ug/l	99
31) Cyclohexane	4.98	56	1912	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7532	4.556	ug/l #	49
37) Ethyl Acetate	4.28	43	4257	1.992	ug/l #	70
38) Carbon Tetrachloride	4.98	117	8280	6.213	ug/l #	16
43) Isopropyl Acetate	5.78	43	1195	0.353	ug/l #	62
44) Trichloroethene	6.19	130	764	0.706	ug/l	82
76) 1,2,3-Trichloropropane	10.30	75	33578	24.136	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	33578	59.245	ug/l #	100
90) Hexachloroethane	12.29	117	145	0.264	ug/l #	11

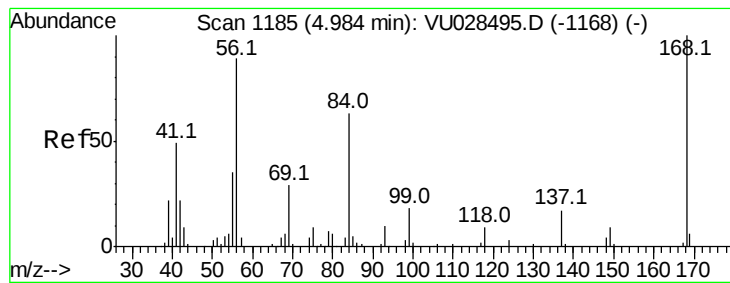
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
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Quant Time: Dec 11 07:10:46 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: VU028585.D

Acq: 11 Dec 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

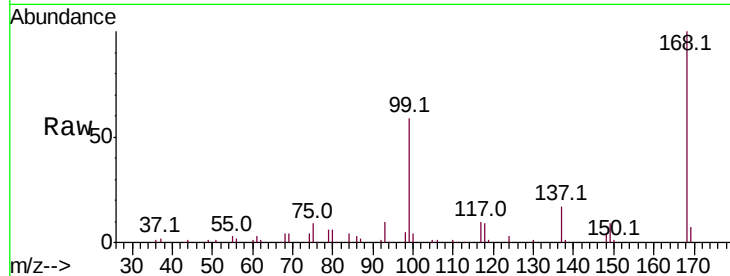
BP-TT-AOC22-MW03-20181208

Tot Ion:168 Resp: 79309

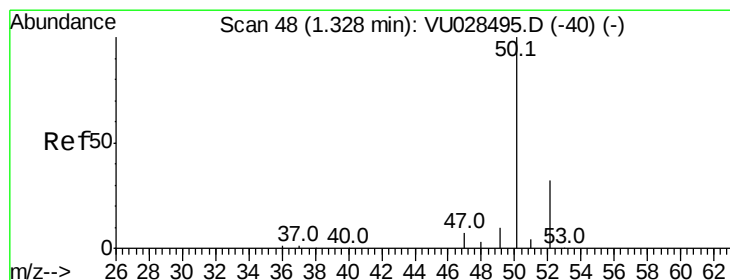
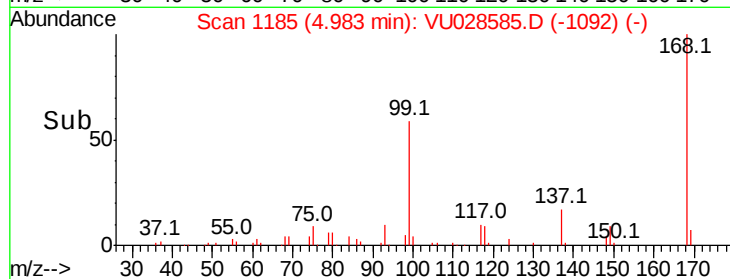
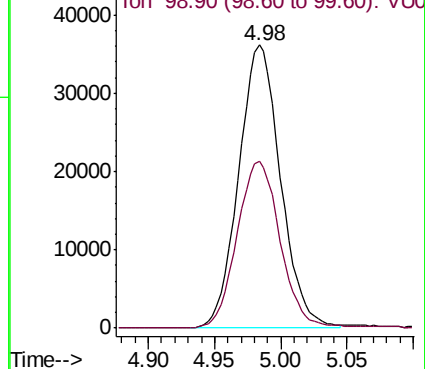
Ion Ratio Lower Upper

168 100

99 59.0 46.6 69.8



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



#3

Chloromethane

Concen: 0.640 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028585.D

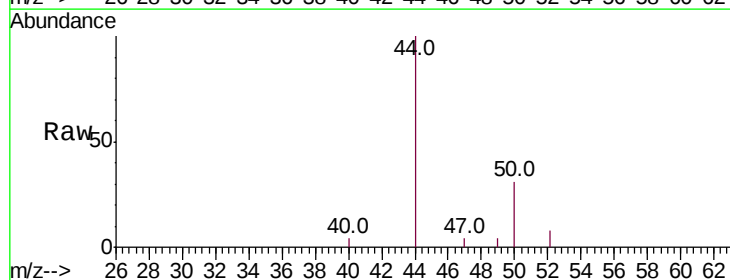
Acq: 11 Dec 2018 05:40

Tgt Ion: 50 Resp: 1250

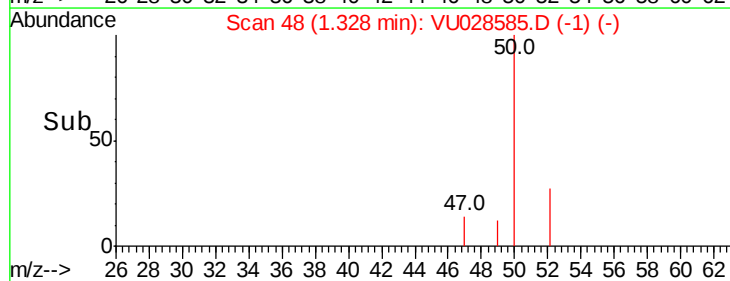
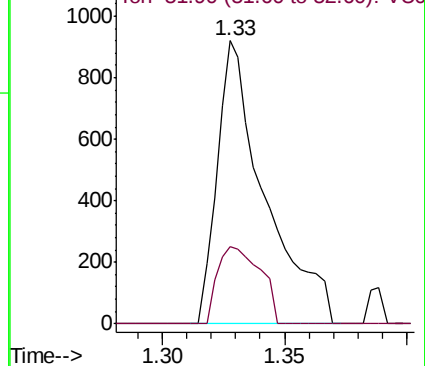
Ion Ratio Lower Upper

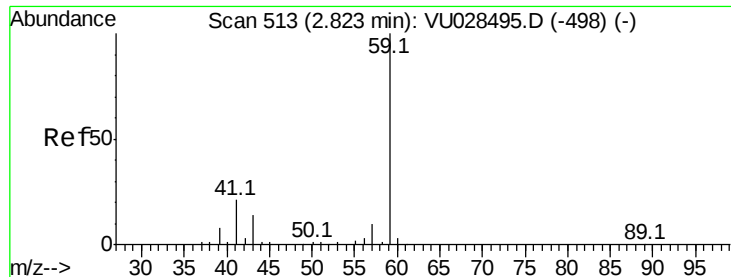
50 100

52 27.4 25.5 38.3



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



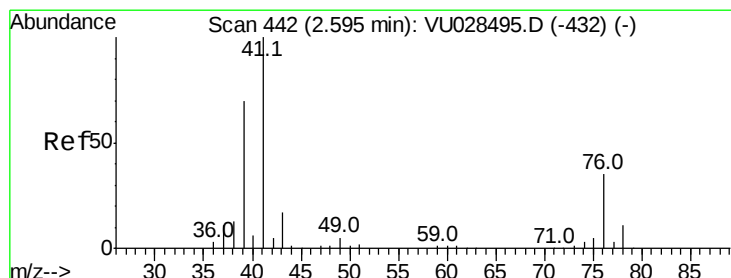
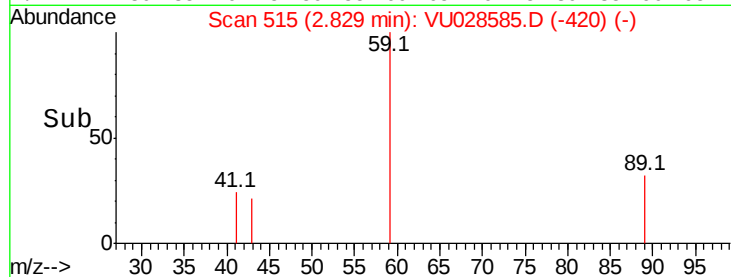
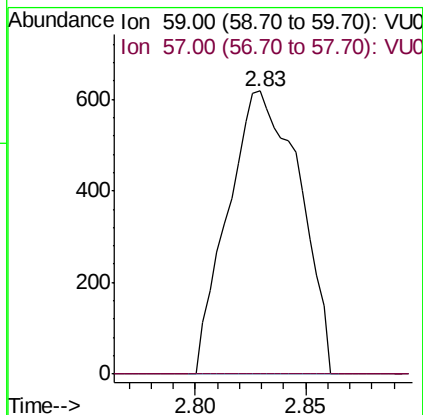
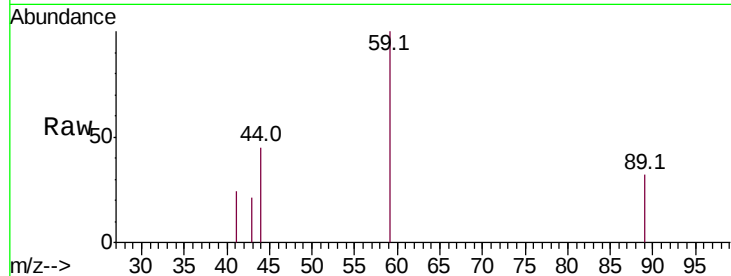


#11

Tert butyl alcohol
 Concen: 5.159 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: VU028585.D
 Acq: 11 Dec 2018 05:40

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW03-20181208

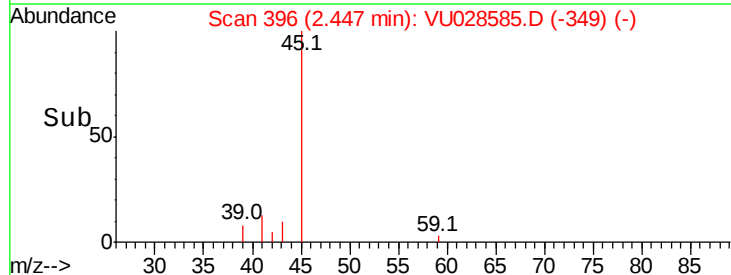
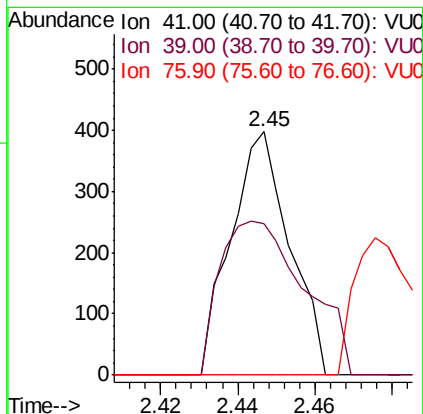
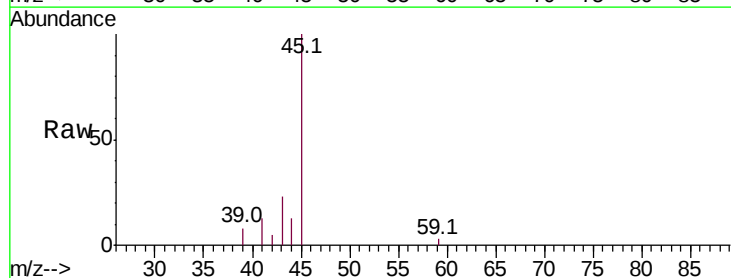
Tot Ion: 59 Resp: 1391
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

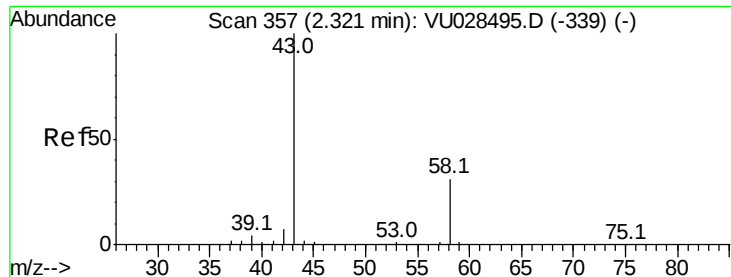


#14

Allyl chloride
 Concen: 0.201 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.15 min
 Lab File: VU028585.D
 Acq: 11 Dec 2018 05:40

Tgt Ion: 41 Resp: 419
 Ion Ratio Lower Upper
 41 100
 39 91.6 50.8 76.2#
 76 0.0 24.8 37.2#





#16

Acetone

Concen: 20.227 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

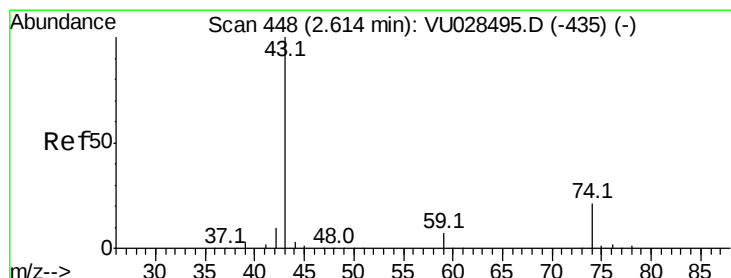
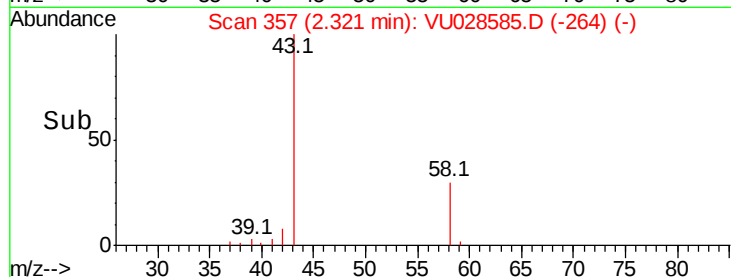
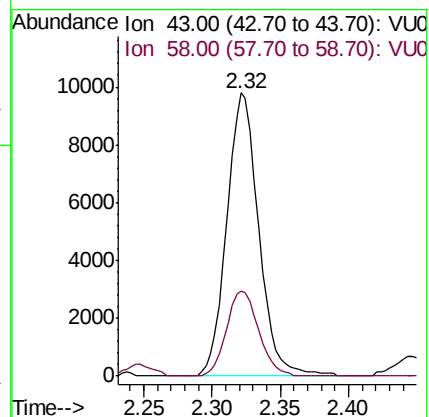
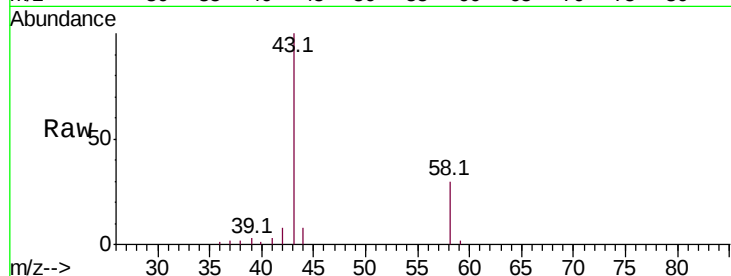
BP-TT-AOC22-MW03-20181208

Tot Ion: 43 Resp: 15975

Ion Ratio Lower Upper

43 100

58 30.1 24.6 37.0



#18

Methyl Acetate

Concen: 0.576 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.17 min

Lab File: VU028585.D

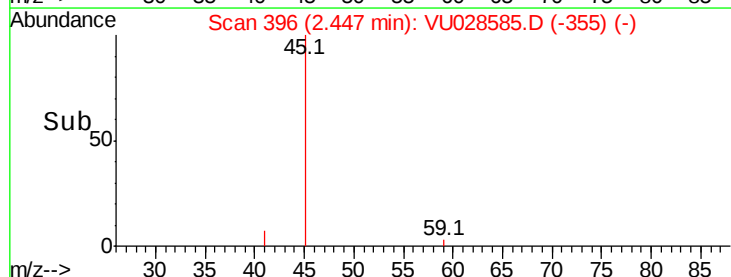
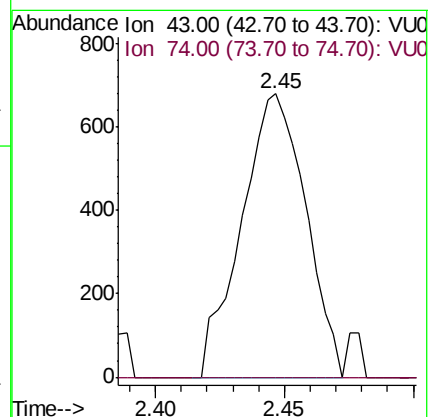
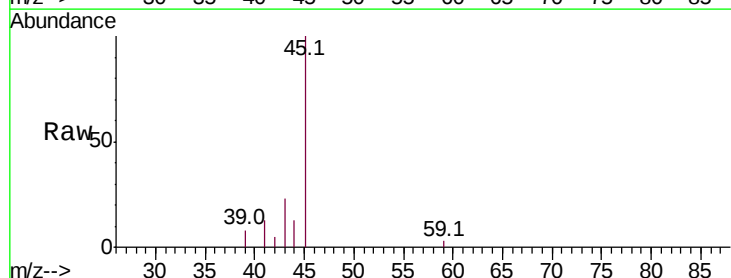
Acq: 11 Dec 2018 05:40

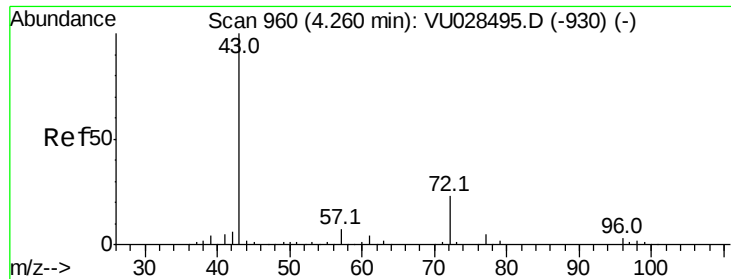
Tgt Ion: 43 Resp: 1179

Ion Ratio Lower Upper

43 100

74 0.0 16.4 24.6#





#25

2-Butanone

Concen: 3.944 ug/l

RT: 4.28 min Scan# 965

Delta R.T. 0.02 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

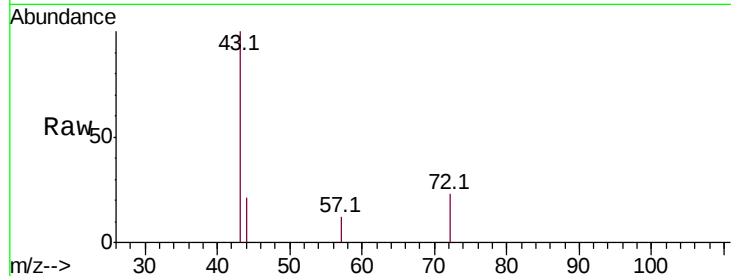
BP-TT-AOC22-MW03-20181208

Tot Ion: 43 Resp: 4257

Ion Ratio Lower Upper

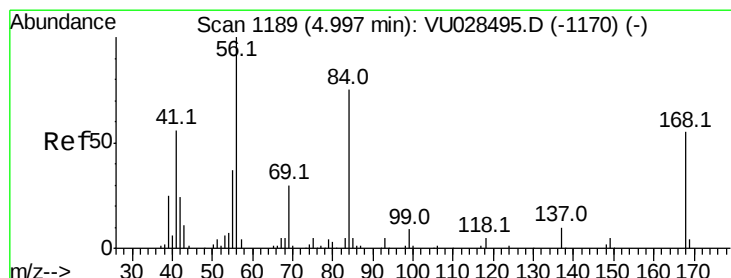
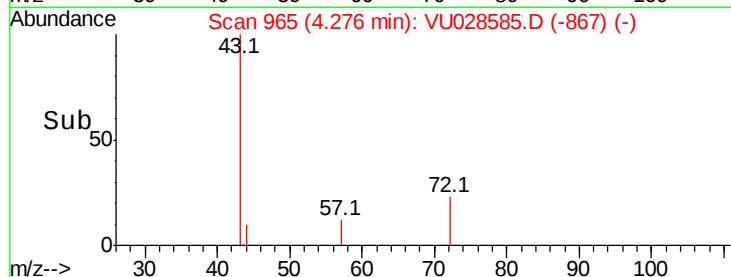
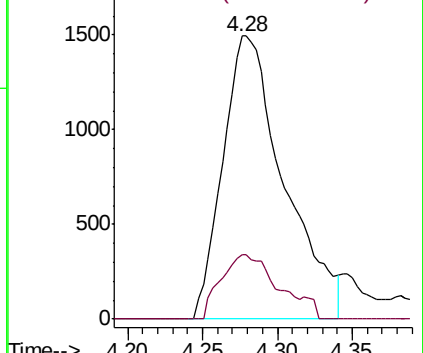
43 100

72 23.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1184

Delta R.T. -0.02 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

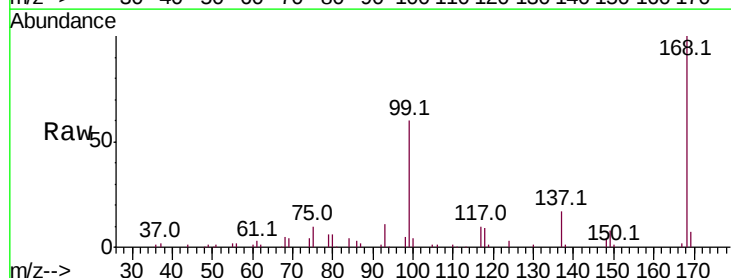
Tgt Ion: 56 Resp: 1912

Ion Ratio Lower Upper

56 100

69 186.1 24.0 36.0#

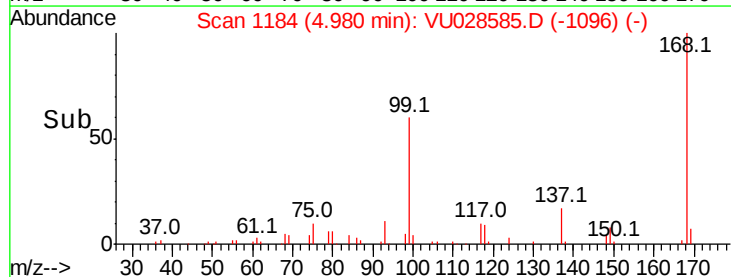
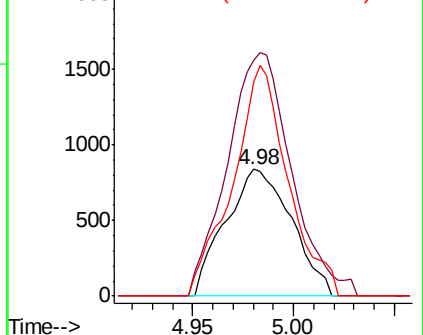
84 168.8 59.7 89.5#

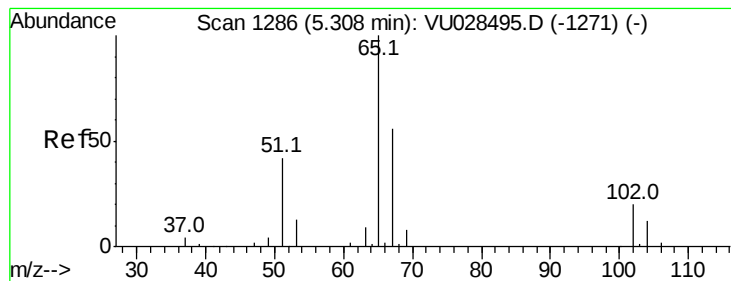


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0





#33

1,2-Dichloroethane-d4

Concen: 57.509 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

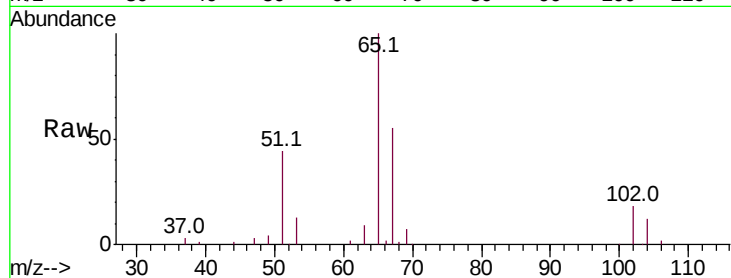
BP-TT-AOC22-MW03-20181208

Tot Ion: 65 Resp: 69603

Ion Ratio Lower Upper

65 100

67 55.2 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) (-)

5.31

30000

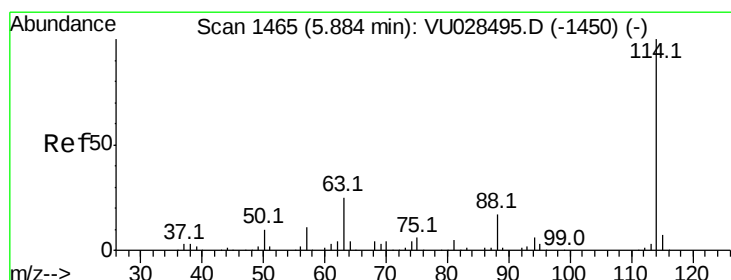
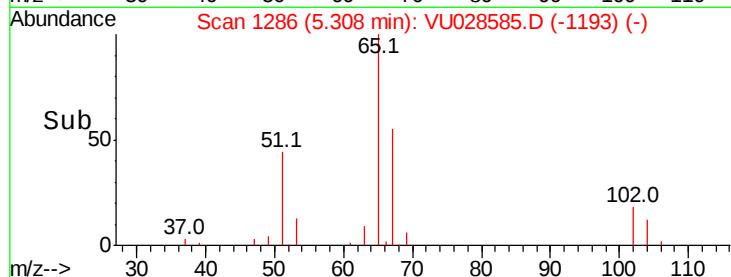
20000

10000

0

Time-->

5.20 5.30 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

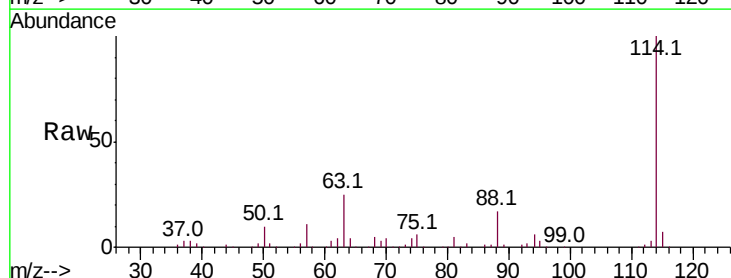
Tgt Ion: 114 Resp: 151092

Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.2

88 16.7 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VU028495.D (-1450) (-)

Ion 63.00 (62.70 to 63.70): VU028495.D (-1450) (-)

Ion 87.90 (87.60 to 88.60): VU028495.D (-1450) (-)

5.88

100000

80000

60000

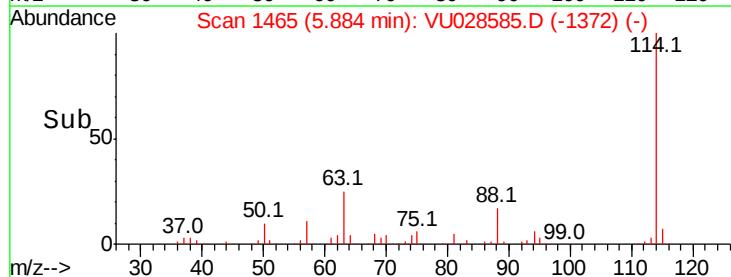
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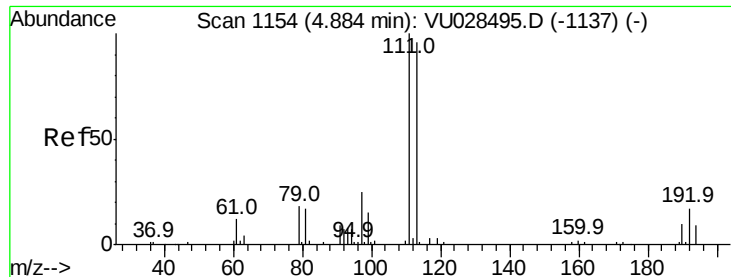
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Time-->

5.80 5.90 6.00

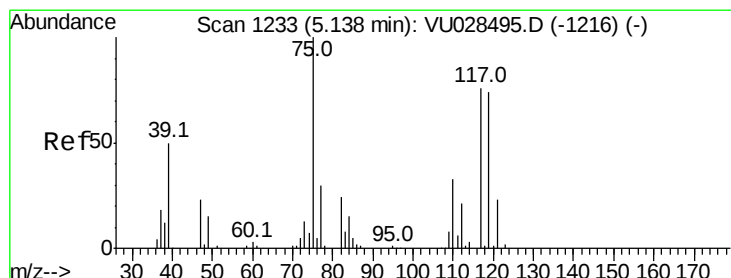
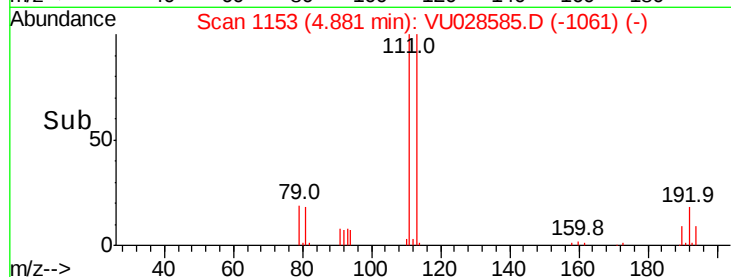
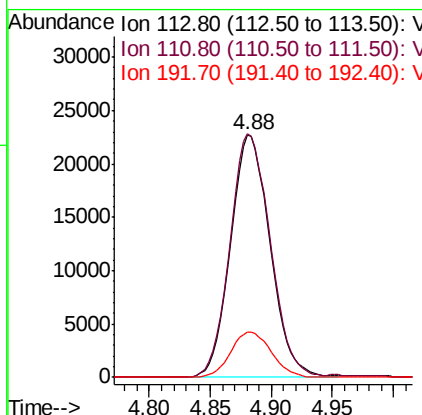
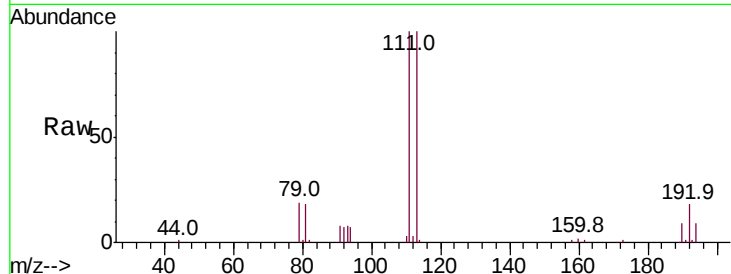




#35
 Dibromofluoromethane
 Concen: 53.775 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028585.D
 Acq: 11 Dec 2018 05:40

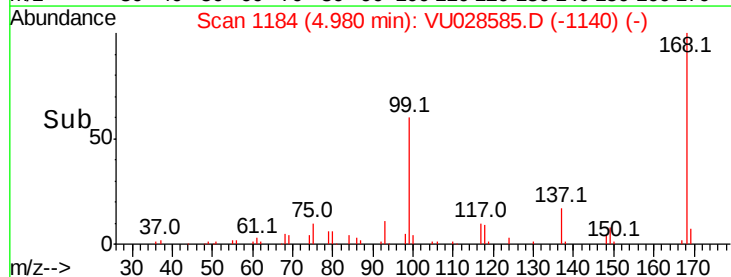
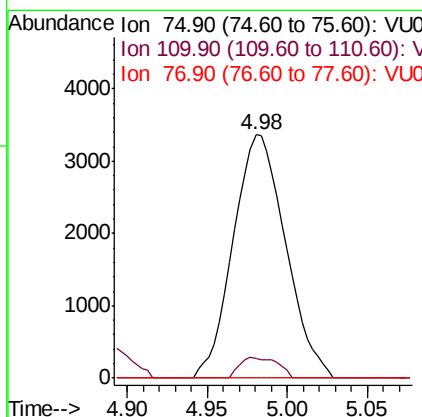
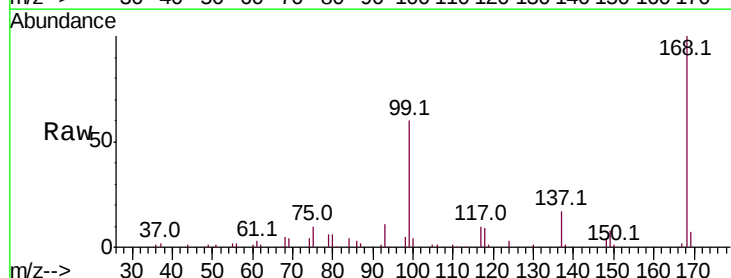
Instrument :
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 BP-TT-AOC22-MW03-20181208

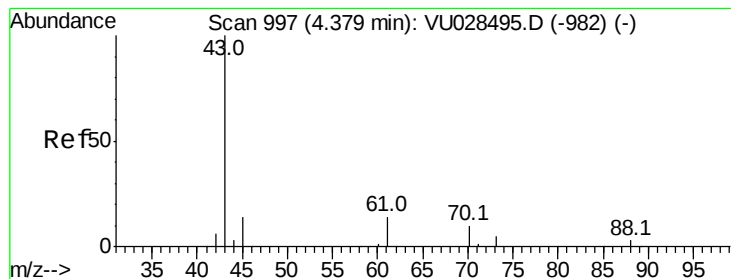
Tot Ion:113 Resp: 51131
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.0
 192 19.1 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.556 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028585.D
 Acq: 11 Dec 2018 05:40

Tgt Ion: 75 Resp: 7532
 Ion Ratio Lower Upper
 75 100
 110 6.0 16.1 48.2#
 77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 1.992 ug/l

RT: 4.28 min Scan# 965

Delta R.T. -0.10 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-AOC22-MW03-20181208

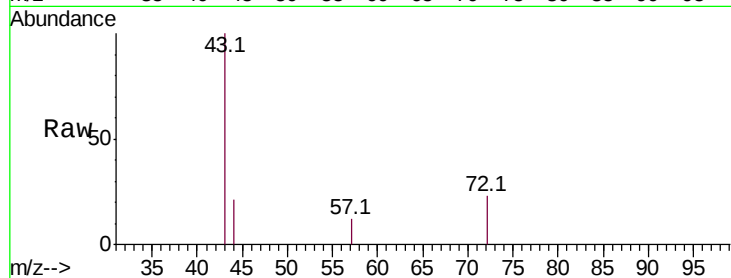
Tot Ion: 43 Resp: 4257

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

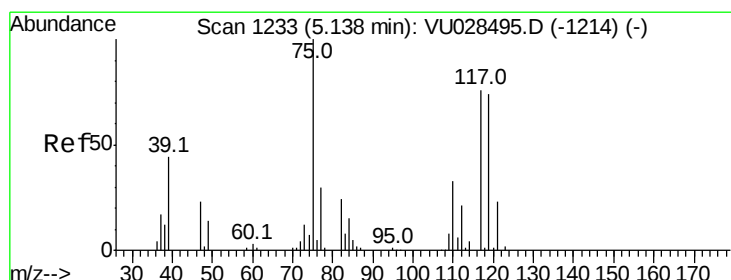
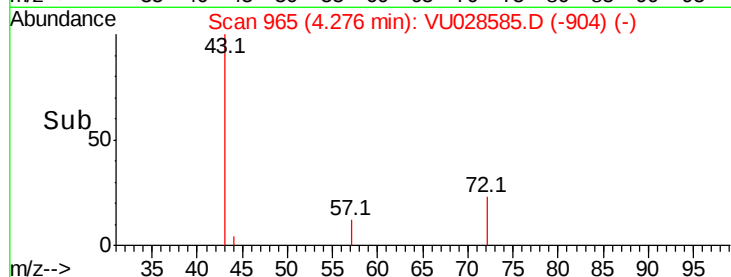
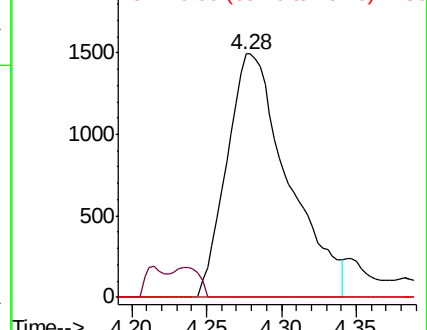
70 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-982) (-)

Ion 60.90 (60.60 to 61.60): VU028495.D (-982) (-)

Ion 70.00 (69.70 to 70.70): VU028495.D (-982) (-)



#38

Carbon Tetrachloride

Concen: 6.213 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

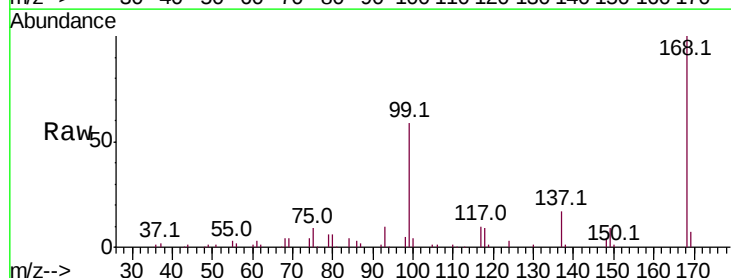
Tgt Ion: 117 Resp: 8280

Ion Ratio Lower Upper

117 100

119 6.2 77.6 116.4#

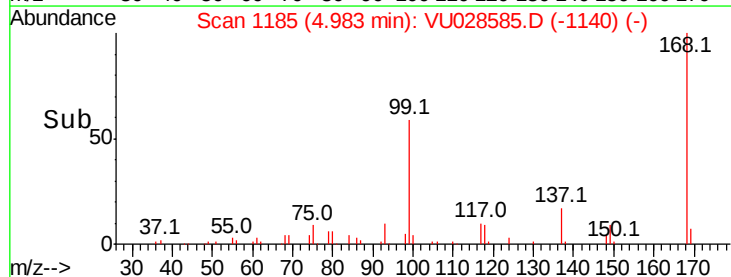
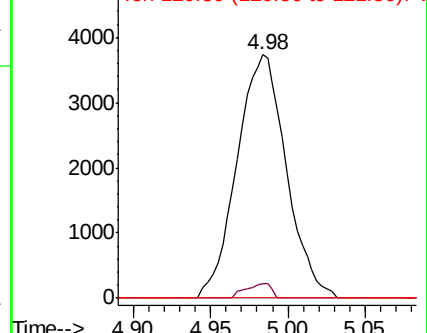
121 0.0 24.6 36.8#

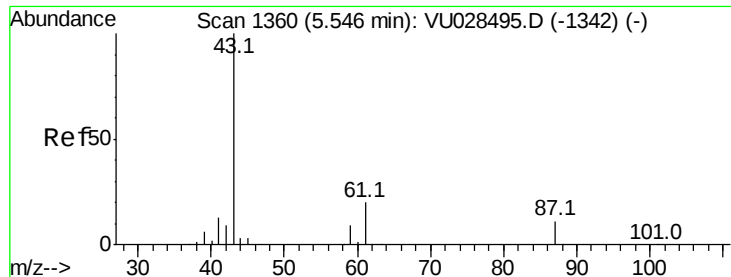


Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-1214) (-)

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: 0.353 ug/l

RT: 5.78 min Scan# 1434

Delta R.T. 0.24 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-AOC22-MW03-20181208

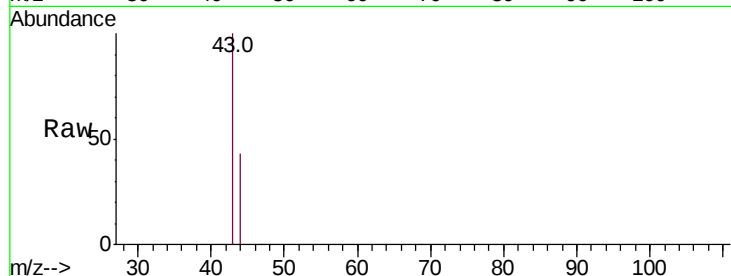
Tot Ion: 43 Resp: 1195

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

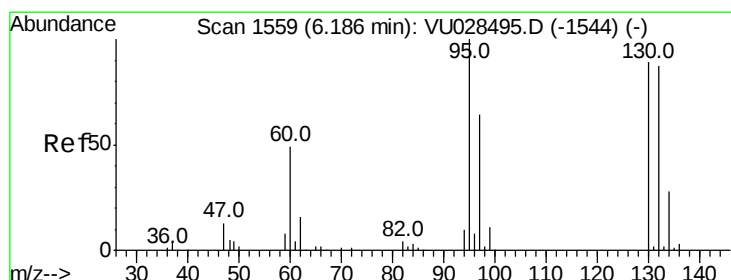
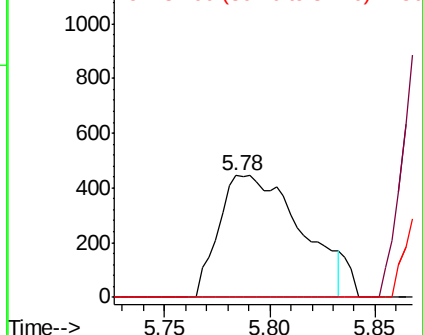
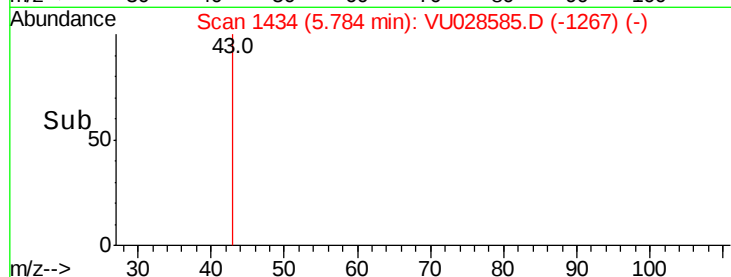
87 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#44

Trichloroethene

Concen: 0.706 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028585.D

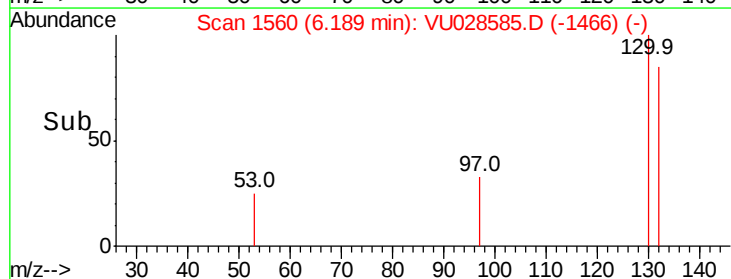
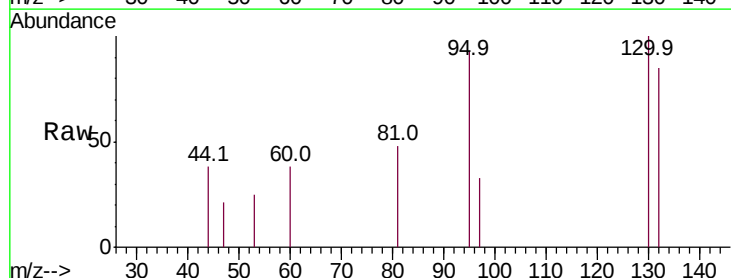
Acq: 11 Dec 2018 05:40

Tgt Ion:130 Resp: 764

Ion Ratio Lower Upper

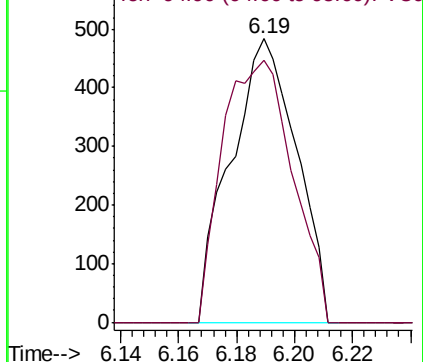
130 100

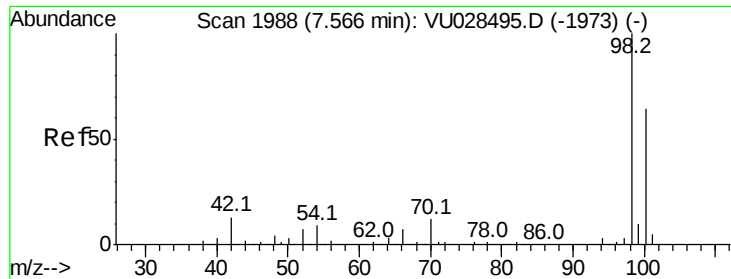
95 92.5 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 51.671 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

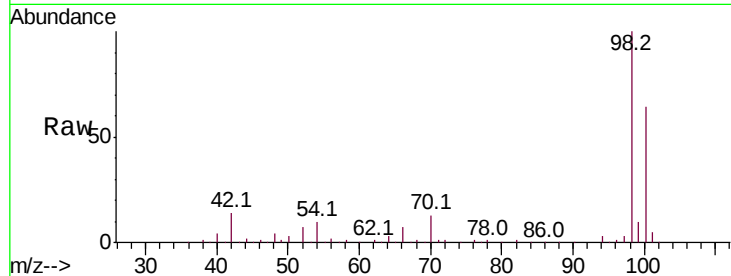
BP-TT-AOC22-MW03-20181208

Tot Ion: 98 Resp: 194350

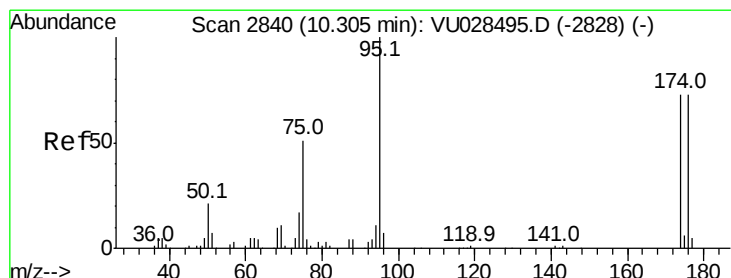
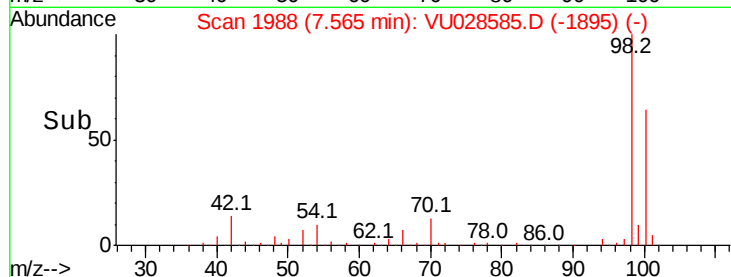
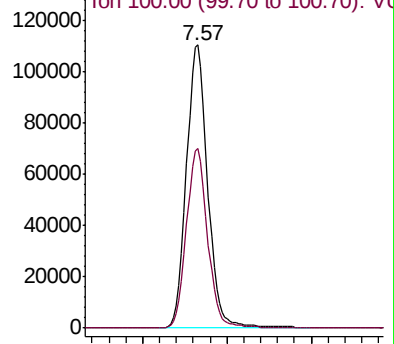
Ion Ratio Lower Upper

98 100

100 62.8 51.0 76.6



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



#62

4-Bromofluorobenzene

Concen: 45.519 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

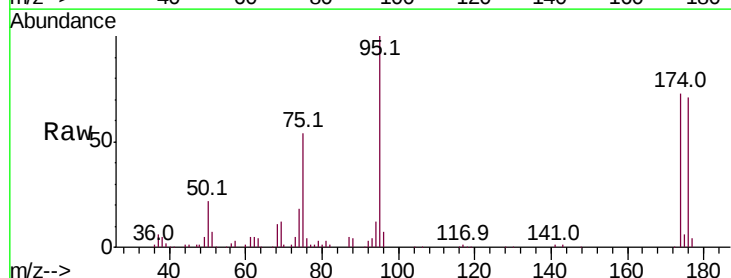
Tgt Ion: 95 Resp: 63993

Ion Ratio Lower Upper

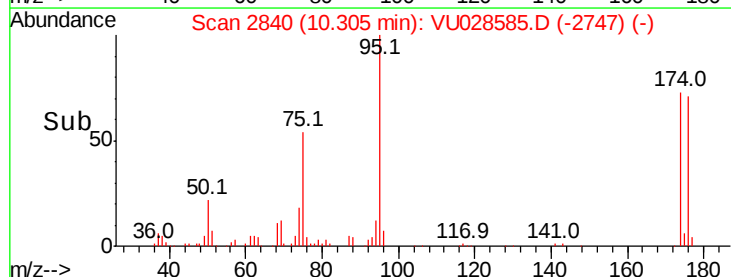
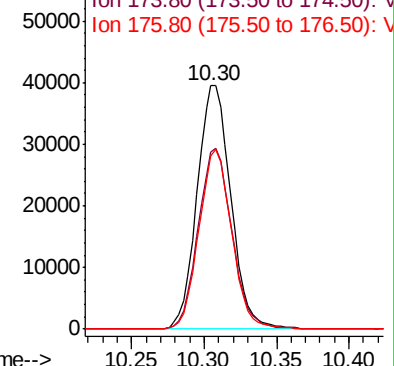
95 100

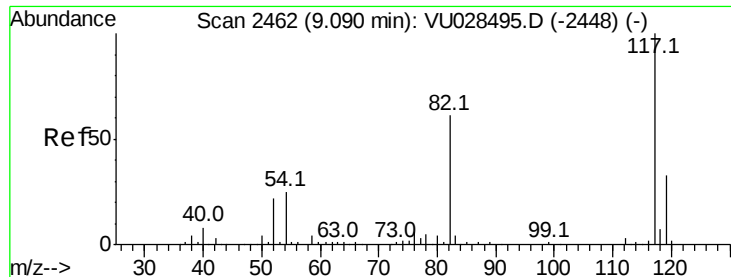
174 74.2 0.0 150.4

176 71.6 0.0 145.2



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

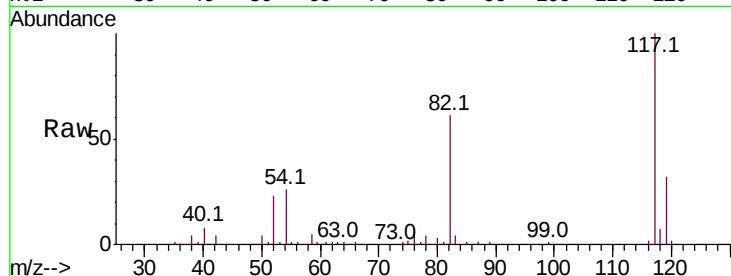




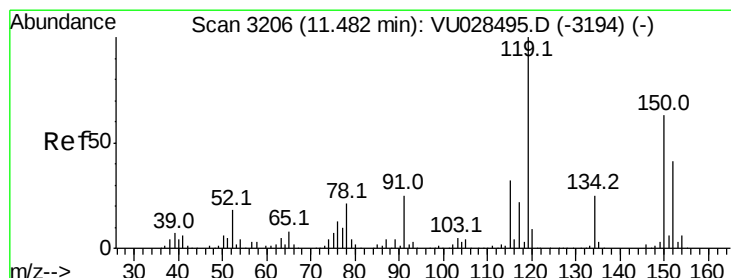
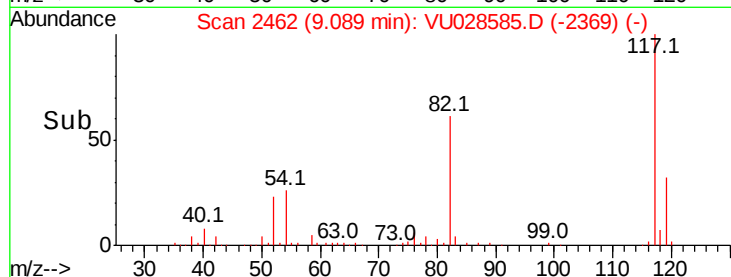
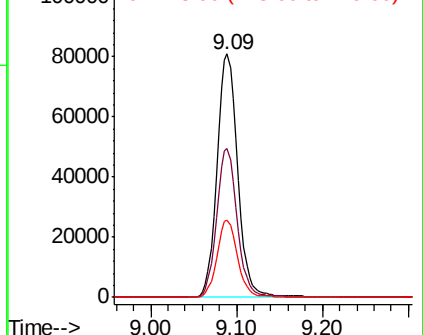
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028585.D
Acq: 11 Dec 2018 05:40

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW03-20181208

Tot Ion:117 Resp: 136102
Ion Ratio Lower Upper
117 100
82 61.1 48.9 73.3
119 31.9 26.2 39.4

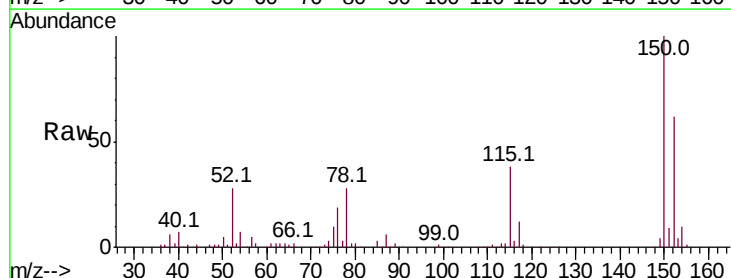


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

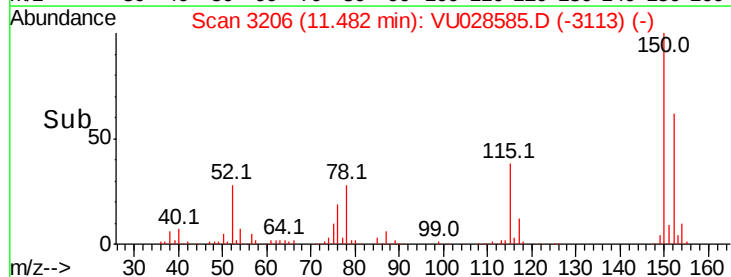
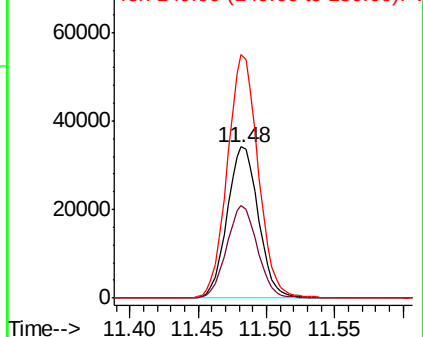


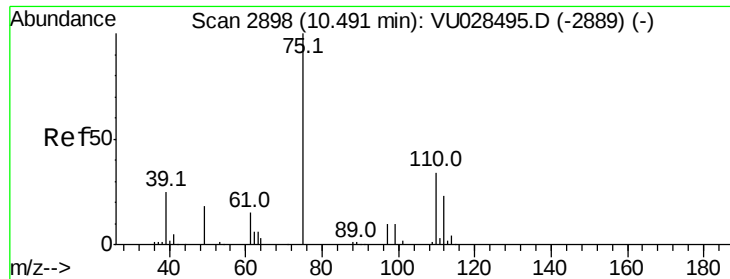
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028585.D
Acq: 11 Dec 2018 05:40

Tgt Ion:152 Resp: 54481
Ion Ratio Lower Upper
152 100
115 59.7 42.7 128.1
150 158.5 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: 24.136 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

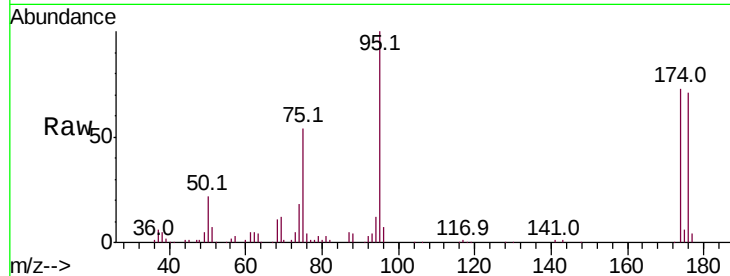
BP-TT-AOC22-MW03-20181208

Tot Ion: 75 Resp: 33578

Ion Ratio Lower Upper

75 100

77 1.1 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

25000

20000

15000

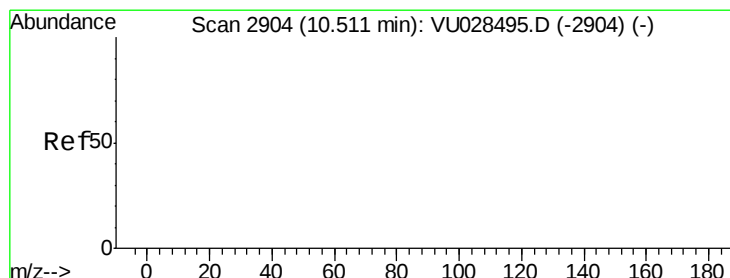
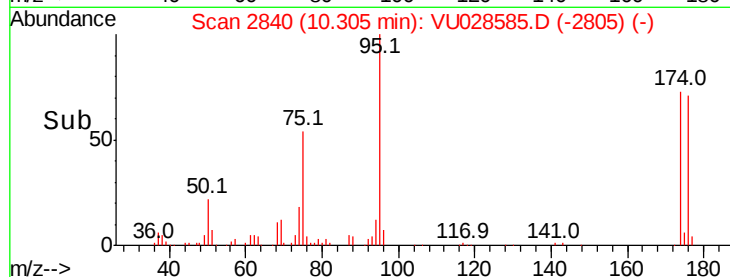
10000

5000

0

10.25 10.30 10.35

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 59.245 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

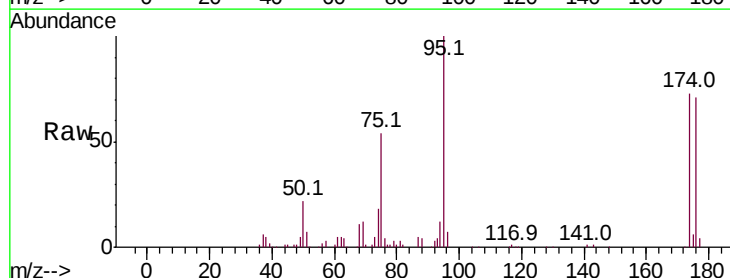
Tgt Ion: 75 Resp: 33578

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

25000

20000

15000

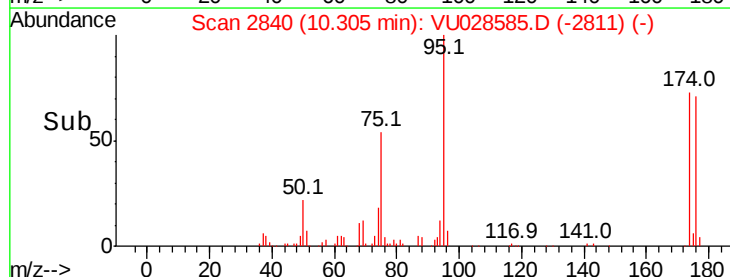
10000

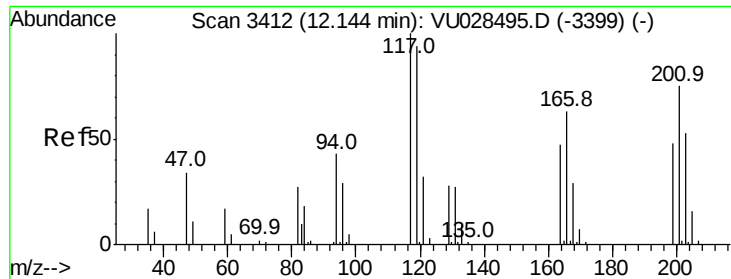
5000

0

10.25 10.30 10.35

Time-->





#90

Hexachloroethane

Concen: 0.264 ug/l

RT: 12.29 min Scan# 3456

Delta R.T. 0.14 min

Lab File: VU028585.D

Acq: 11 Dec 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-AOC22-MW03-20181208

Tot Ion:117 Resp: 145

Ion Ratio Lower Upper

117 100

201 0.0 38.1 114.5#

