

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011219\
 Data File : VU029149.D
 Acq On : 11 Jan 2019 18:18
 Operator : JC/SP
 Sample : K1136-01 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-101

Quant Time: Jan 11 23:45:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	169011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	295689	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	110852	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	117836	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
35) Dibromofluoromethane	4.88	113	101481	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	7.56	98	381101	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	10.31	95	119370	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	

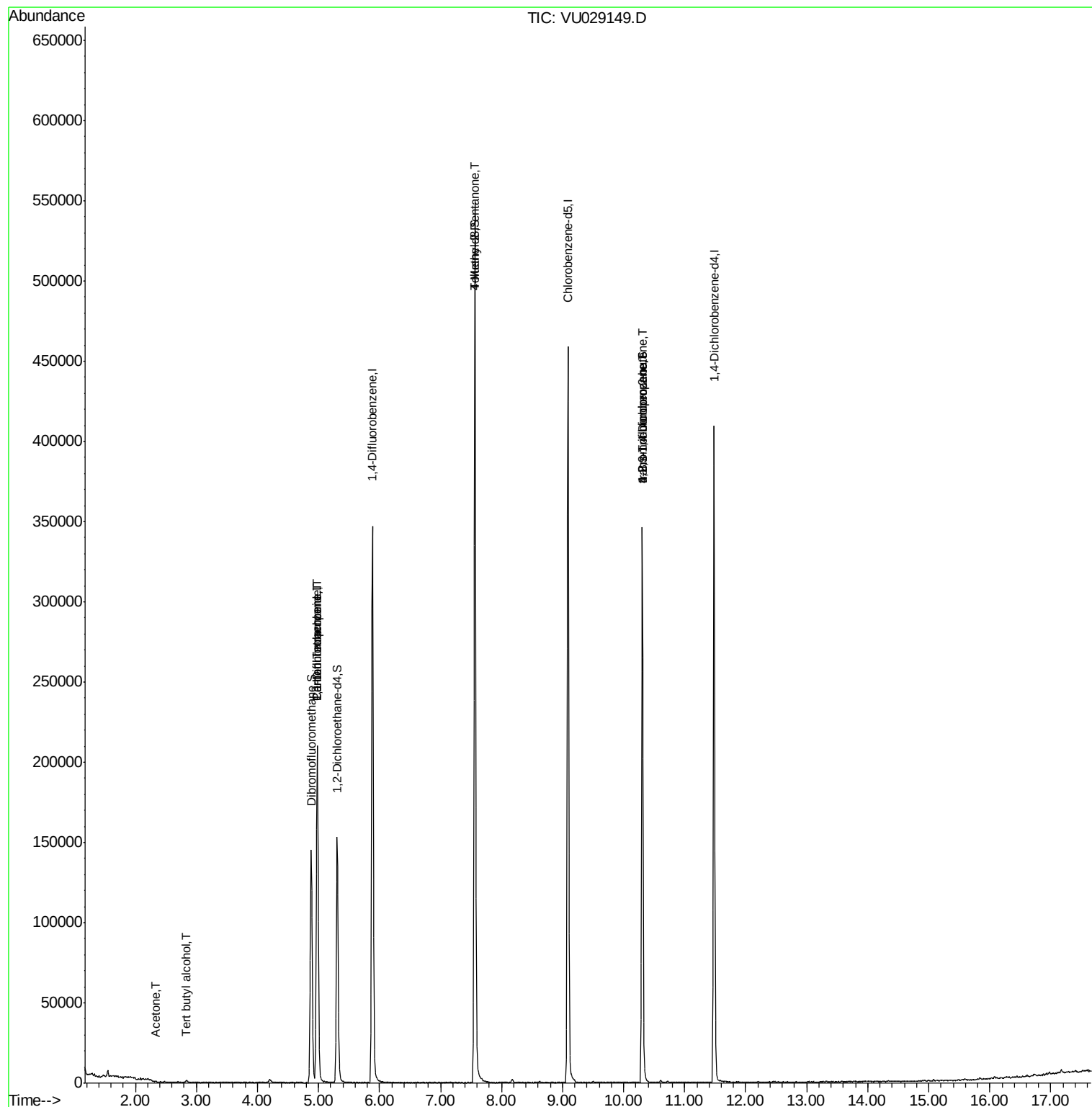
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1275	Below Cal	#	72
5) Bromomethane	1.63	94	22	Below Cal	#	2
11) Tert butyl alcohol	2.84	59	734	1.382	ug/l #	73
16) Acetone	2.33	43	360	0.274	ug/l #	39
17) Carbon Disulfide	2.47	76	401	Below Cal	#	75
31) Cyclohexane	4.98	56	2982	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	12667	4.286	ug/l #	47
38) Carbon Tetrachloride	4.98	117	15292	6.203	ug/l #	16
51) 4-Methyl-2-Pentanone	7.56	43	1408	0.416	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	57702	21.245	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	57702	54.791	ug/l #	100

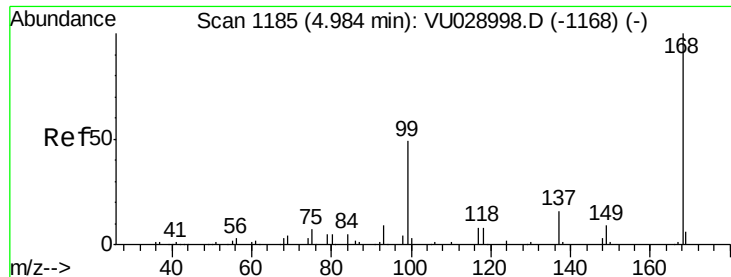
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU011219\
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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: VU029149.D

Acq: 11 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

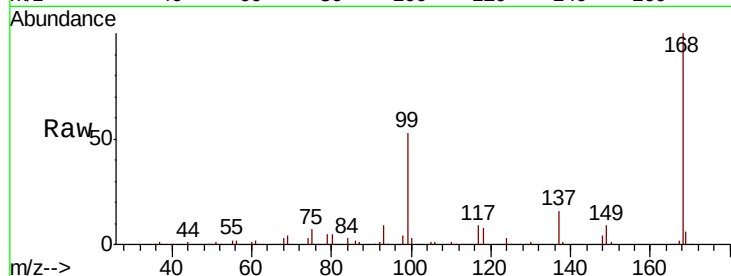
MW-101

Tgt Ion: 168 Resp: 169011

Ion Ratio Lower Upper

168 100

99 52.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

80000

60000

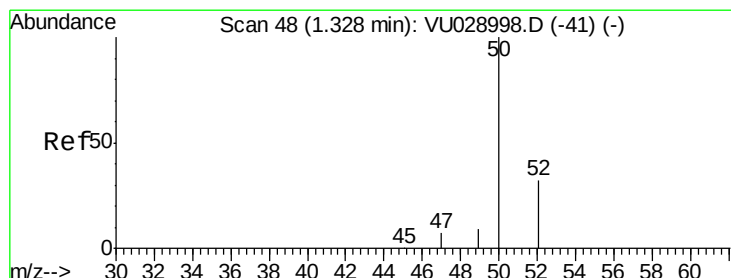
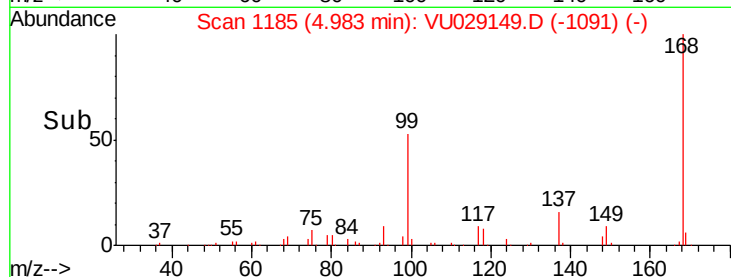
40000

20000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029149.D

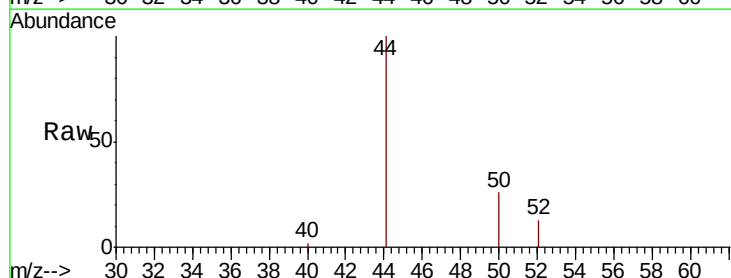
Acq: 11 Jan 2019 18:18

Tgt Ion: 50 Resp: 1275

Ion Ratio Lower Upper

50 100

52 48.5 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VU028998.D (-41) (-)

Ion 51.90 (51.60 to 52.60): VU028998.D (-41) (-)

1.33

1200

1000

800

600

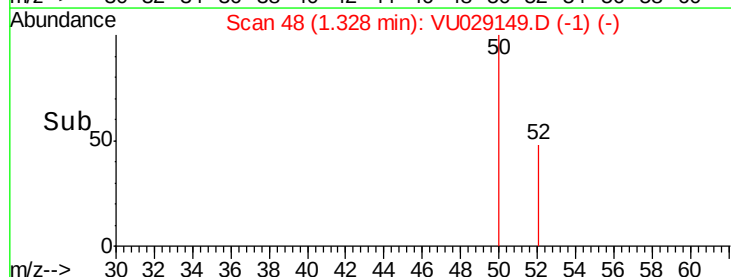
400

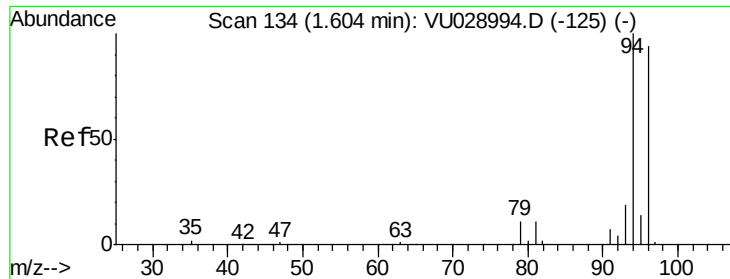
200

0

1.30 1.35

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 143

Delta R.T. 0.03 min

Lab File: VU029149.D

Acq: 11 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

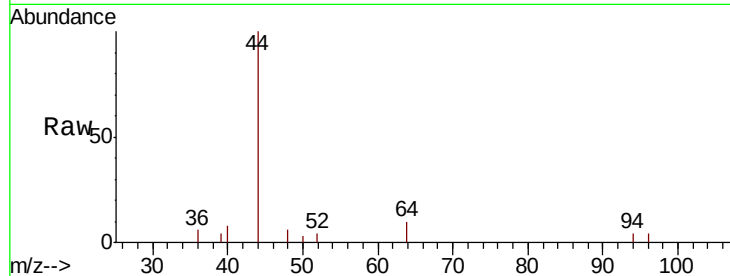
MW-101

Tgt Ion: 94 Resp: 22

Ion Ratio Lower Upper

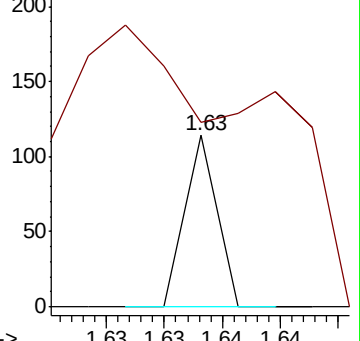
94 100

96 0.0 75.5 113.3#

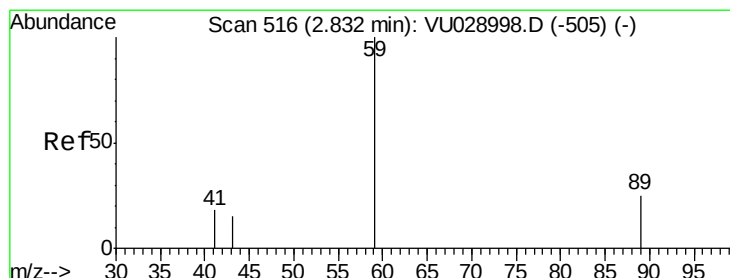
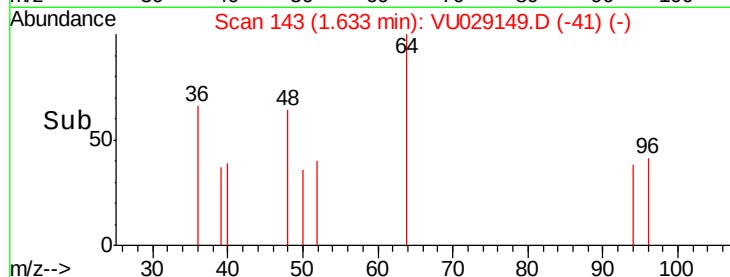


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#11

Tert butyl alcohol

Concen: 1.382 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.00 min

Lab File: VU029149.D

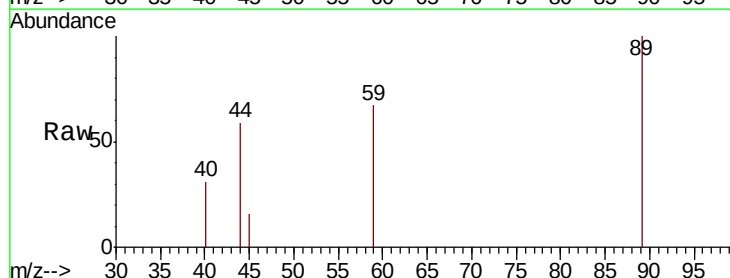
Acq: 11 Jan 2019 18:18

Tgt Ion: 59 Resp: 734

Ion Ratio Lower Upper

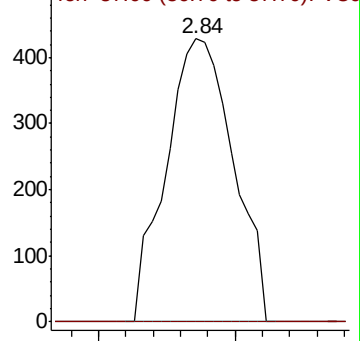
59 100

57 0.0 7.9 11.9#

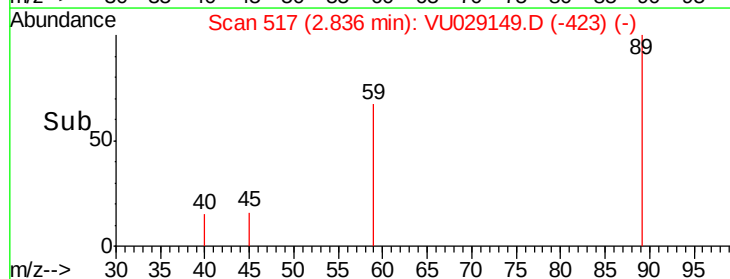


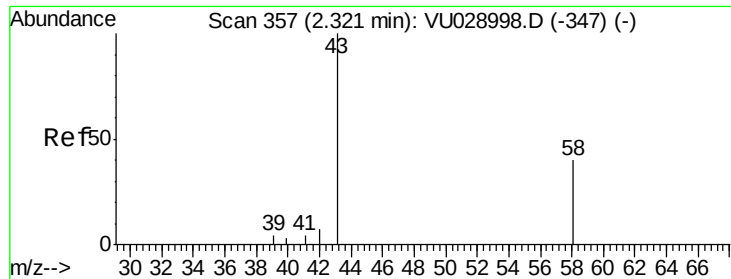
Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



Time-->





#16

Acetone

Concen: 0.274 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU029149.D

Acq: 11 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

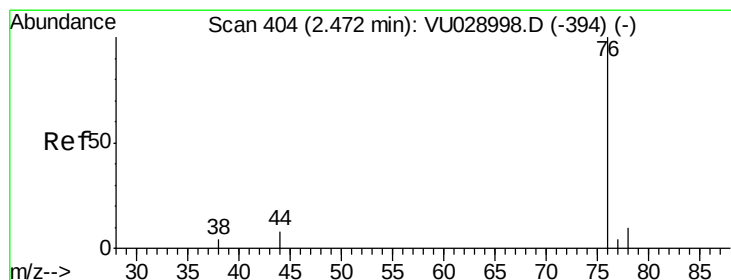
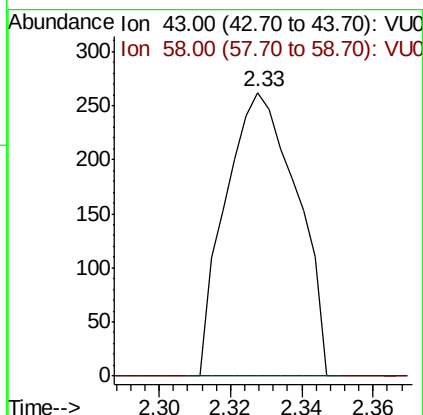
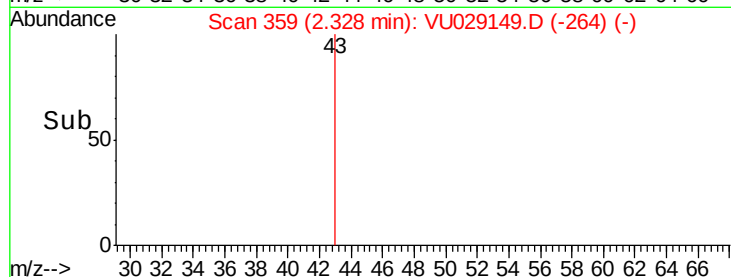
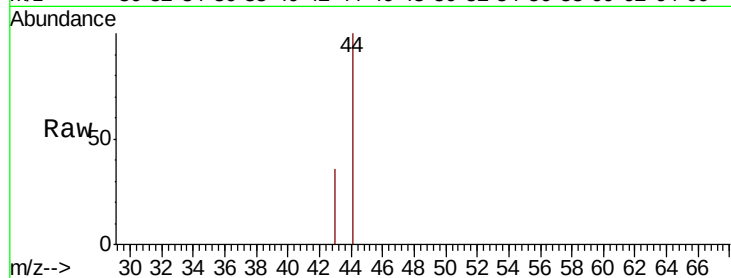
MW-101

Tgt Ion: 43 Resp: 360

Ion Ratio Lower Upper

43 100

58 0.0 28.6 42.8#



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.47 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU029149.D

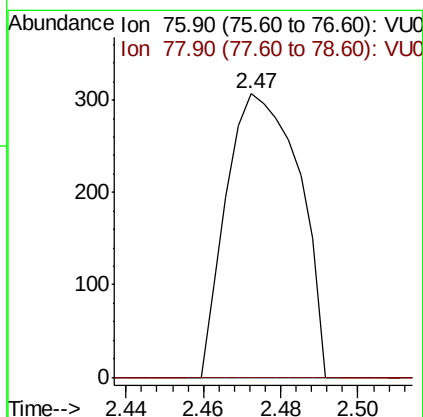
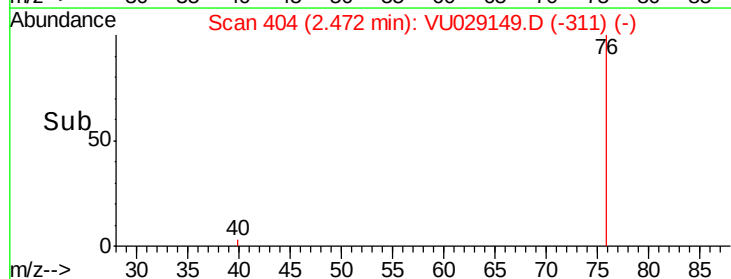
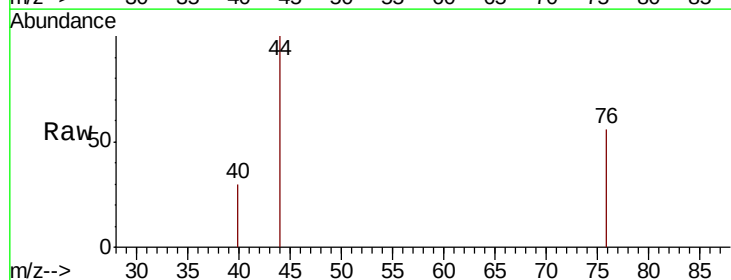
Acq: 11 Jan 2019 18:18

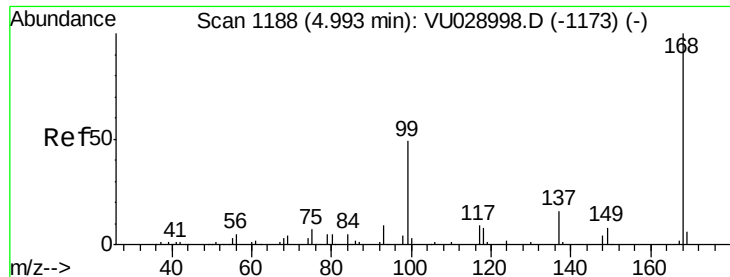
Tgt Ion: 76 Resp: 401

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

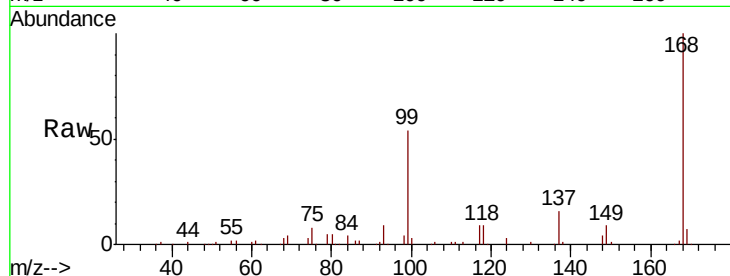




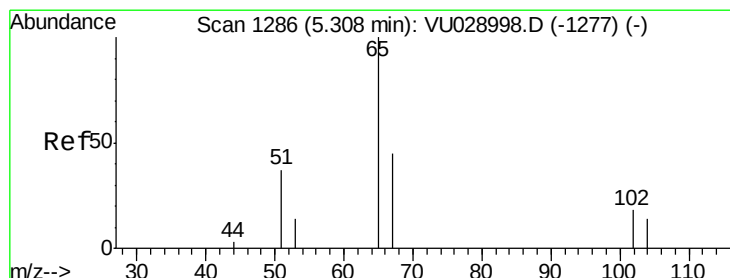
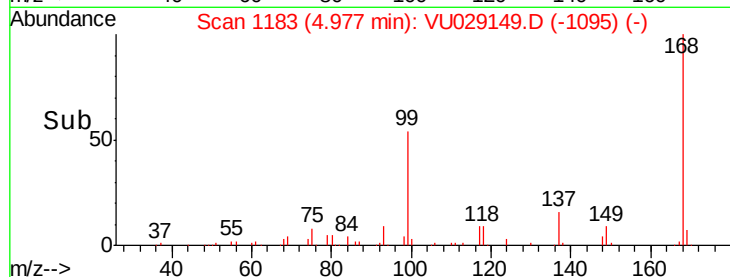
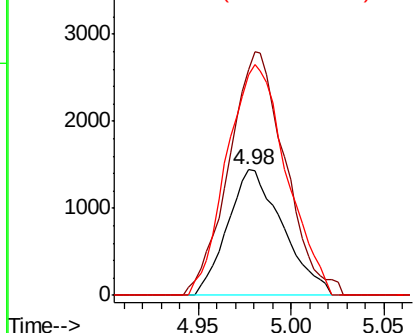
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1183
Delta R.T. -0.02 min
Lab File: VU029149.D
Acq: 11 Jan 2019 18:18

Instrument :
MSVOA_U
ClientSampleId :
MW-101

Tgt Ion: 56 Resp: 2982
Ion Ratio Lower Upper
56 100
69 173.3 26.7 40.1#
84 176.2 65.7 98.5#

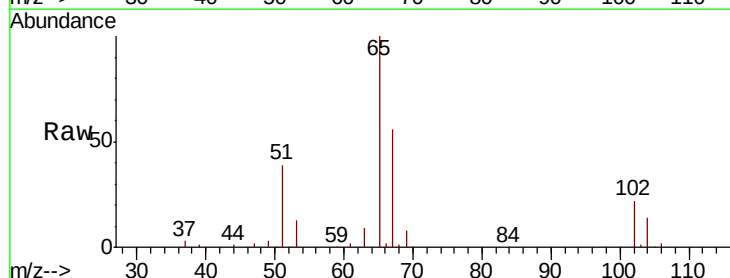


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

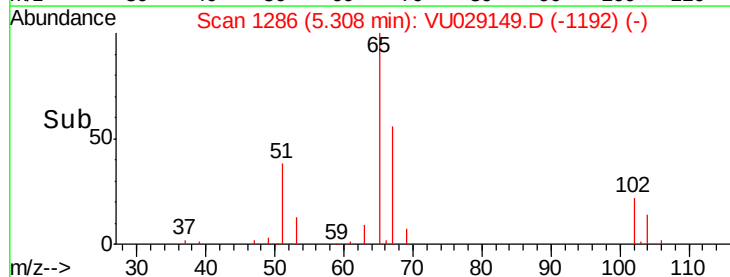
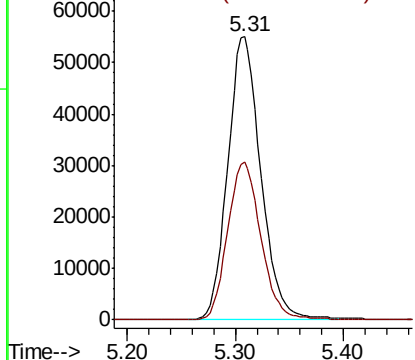


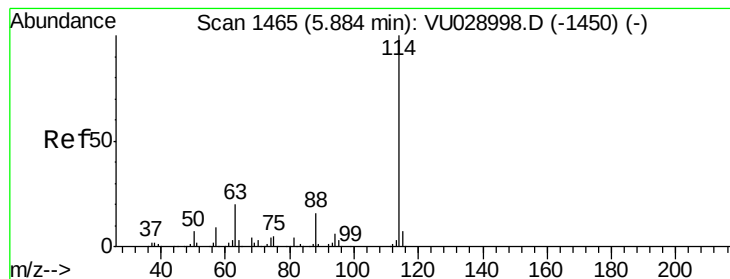
#33
1,2-Dichloroethane-d4
Concen: 56.400 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029149.D
Acq: 11 Jan 2019 18:18

Tgt Ion: 65 Resp: 117836
Ion Ratio Lower Upper
65 100
67 56.0 0.0 111.0



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: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029149.D

Acq: 11 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

MW-101

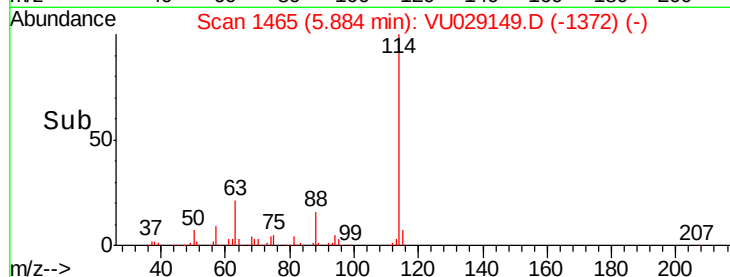
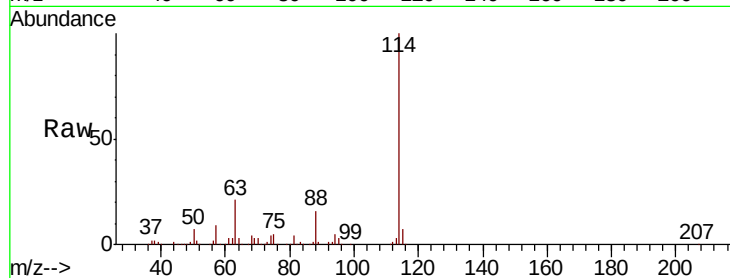
Tgt Ion:114 Resp: 295689

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.2

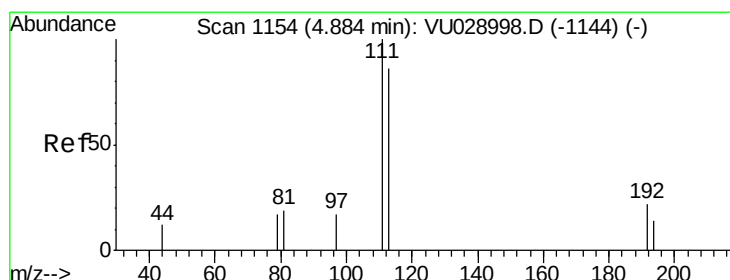
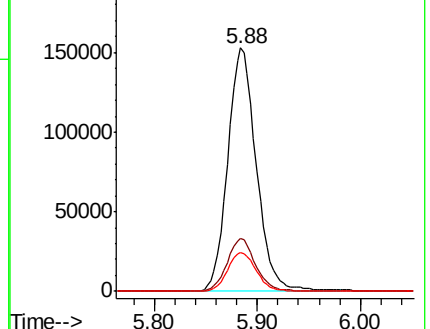
88 16.1 0.0 30.4



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: 52.944 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029149.D

Acq: 11 Jan 2019 18:18

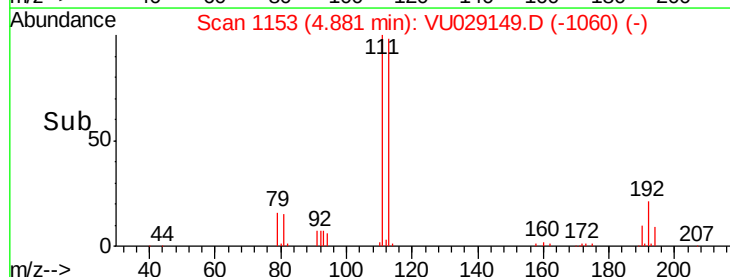
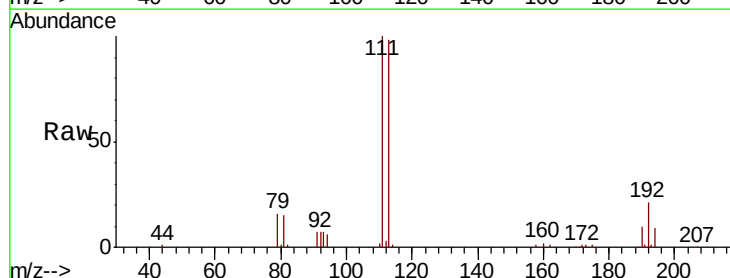
Tgt Ion:113 Resp: 101481

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

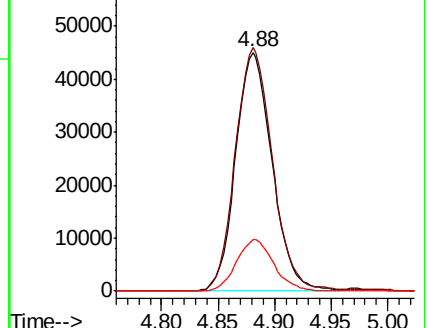
192 21.9 16.8 25.2

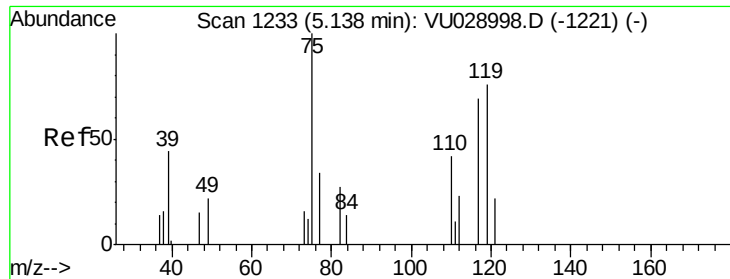


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

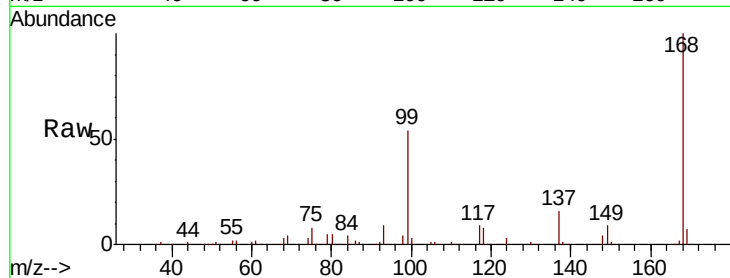




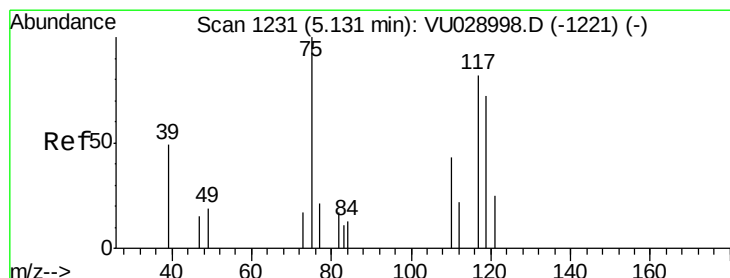
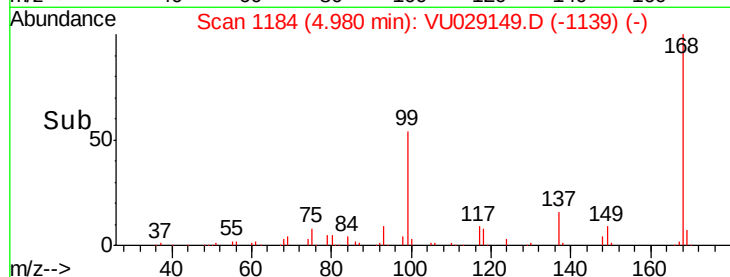
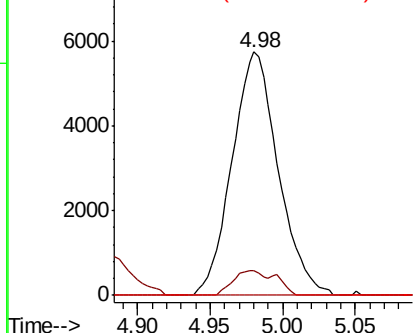
#36
 1,1-Dichloropropene
 Concen: 4.286 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029149.D
 Acq: 11 Jan 2019 18:18

Instrument :
 MSVOA_U
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 MW-101

Tgt Ion: 75 Resp: 12667
 Ion Ratio Lower Upper
 75 100
 110 7.0 18.4 55.4#
 77 0.0 25.1 37.7#

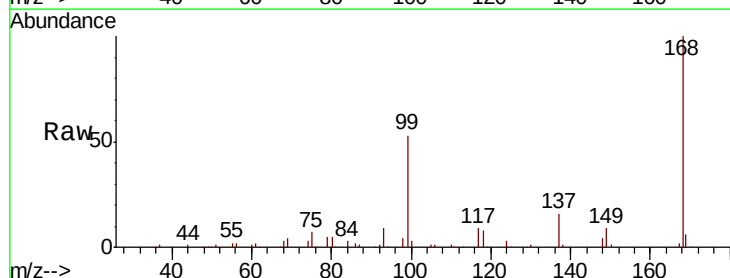


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

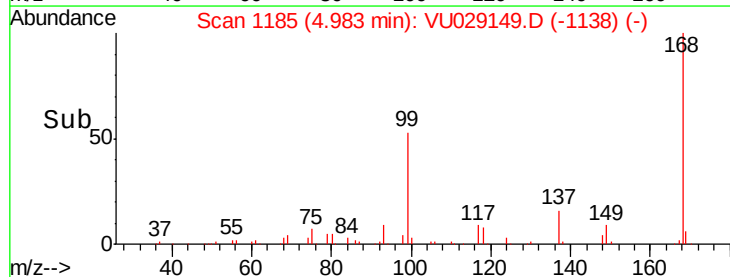
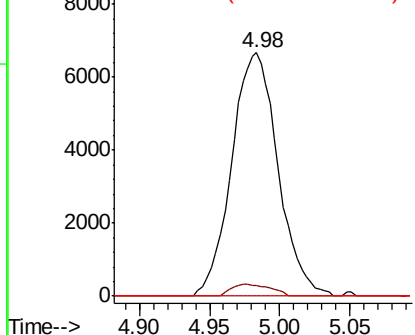


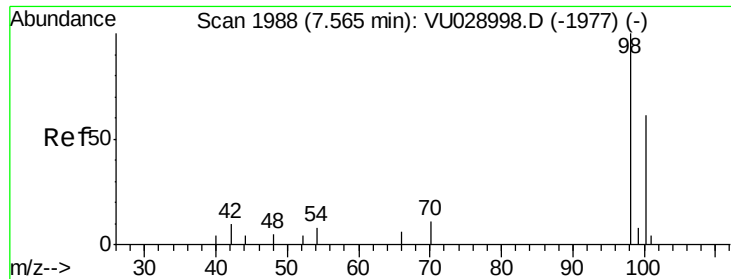
#38
 Carbon Tetrachloride
 Concen: 6.203 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029149.D
 Acq: 11 Jan 2019 18:18

Tgt Ion: 117 Resp: 15292
 Ion Ratio Lower Upper
 117 100
 119 4.3 74.6 111.8#
 121 0.0 25.0 37.6#



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

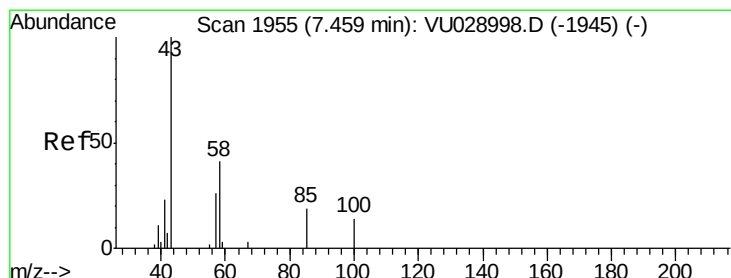
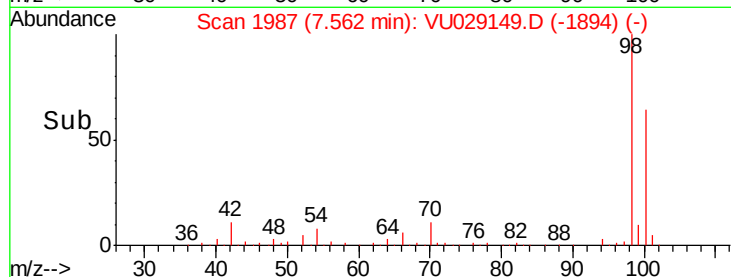
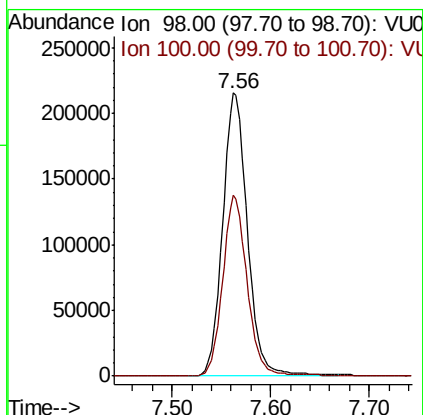
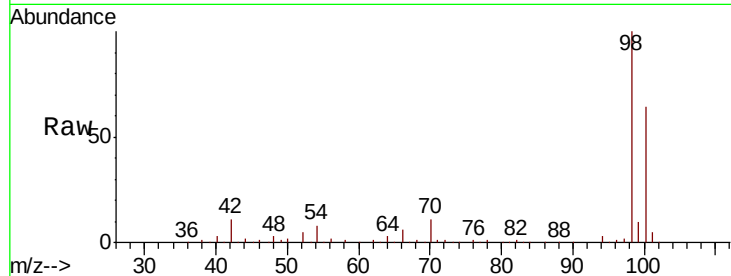




#50
Toluene-d8
Concen: 50.363 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029149.D
Acq: 11 Jan 2019 18:18

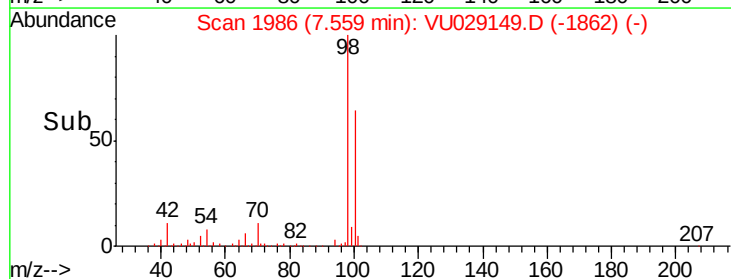
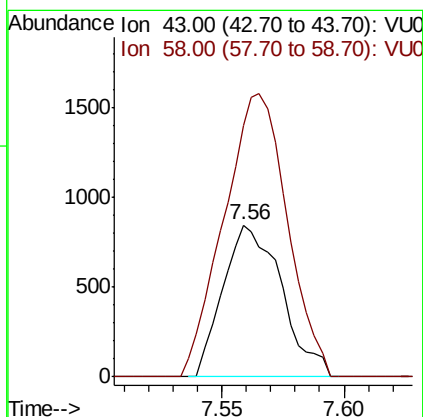
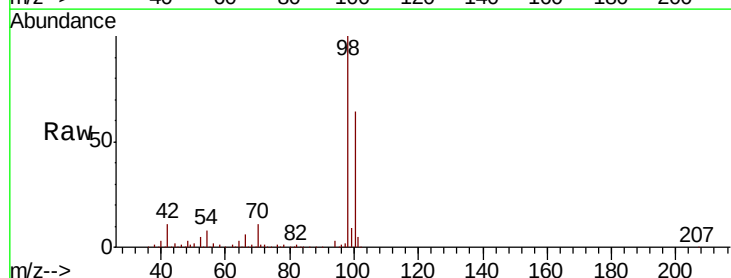
Instrument :
MSVOA_U
ClientSampleId :
MW-101

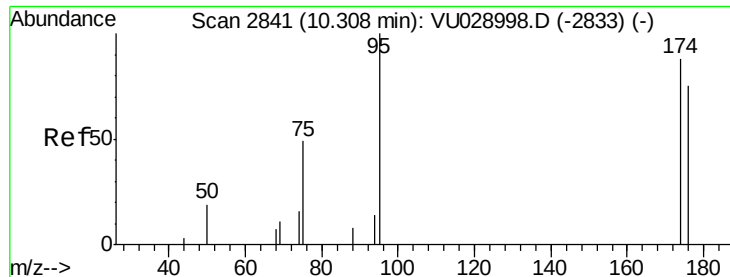
Tgt Ion: 98 Resp: 381101
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.416 ug/l
RT: 7.56 min Scan# 1986
Delta R.T. 0.10 min
Lab File: VU029149.D
Acq: 11 Jan 2019 18:18

Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 201.7 33.9 50.9#





#62

4-Bromofluorobenzene

Concen: 43.895 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU029149.D

Acq: 11 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

MW-101

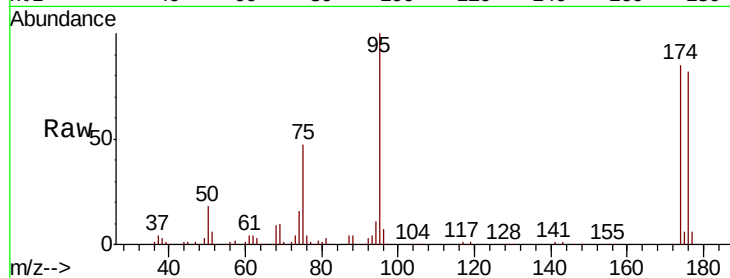
Tgt Ion: 95 Resp: 119370

Ion Ratio Lower Upper

95 100

174 84.4 0.0 170.6

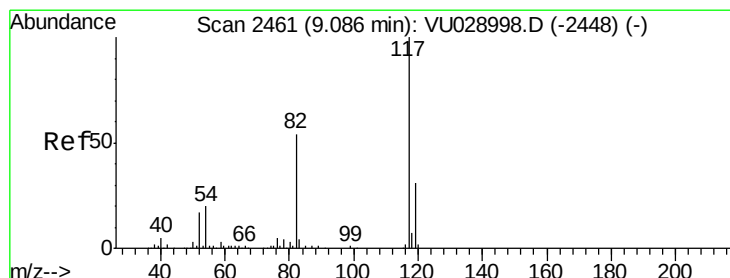
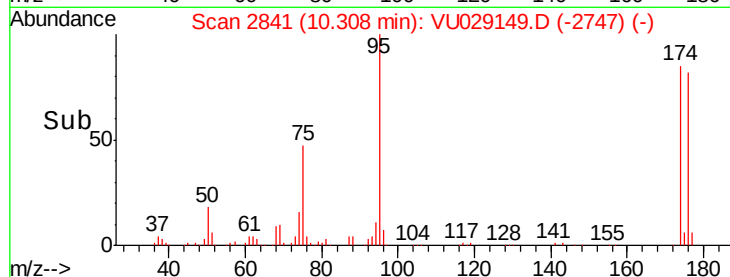
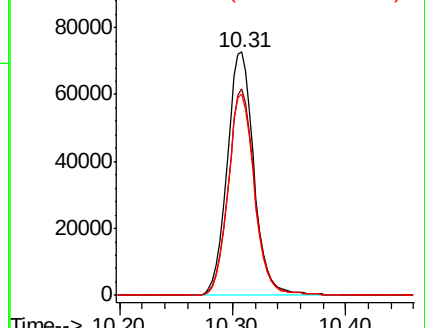
176 81.8 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)

Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)

Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU029149.D

Acq: 11 Jan 2019 18:18

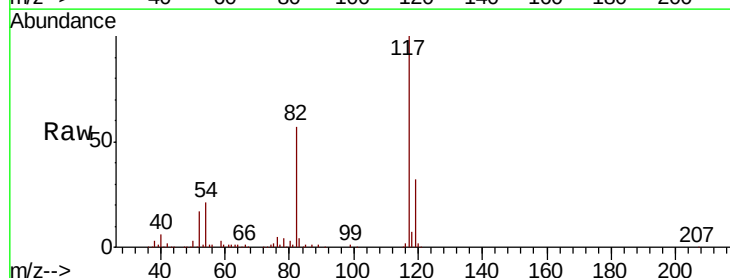
Tgt Ion: 117 Resp: 274754

Ion Ratio Lower Upper

117 100

82 57.0 43.9 65.9

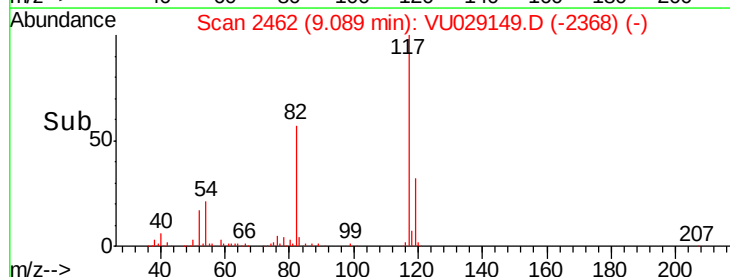
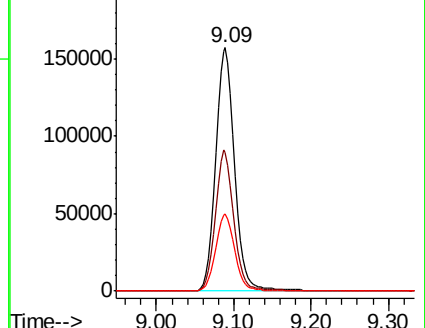
119 31.9 26.0 39.0

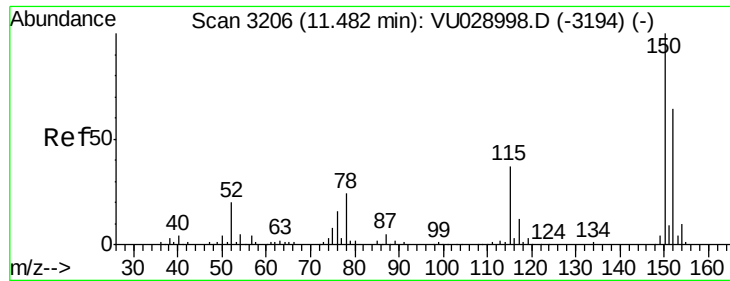


Abundance Ion 116.90 (116.60 to 117.60): VU028998.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028998.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028998.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: VU029149.D

Acq: 11 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

MW-101

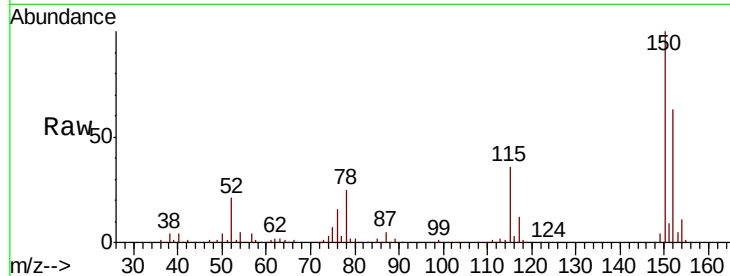
Tgt Ion:152 Resp: 110852

Ion Ratio Lower Upper

152 100

115 56.9 40.1 120.3

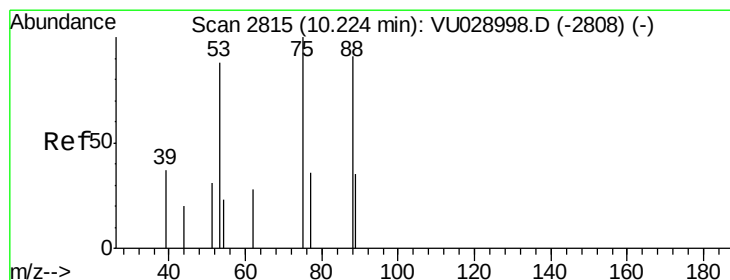
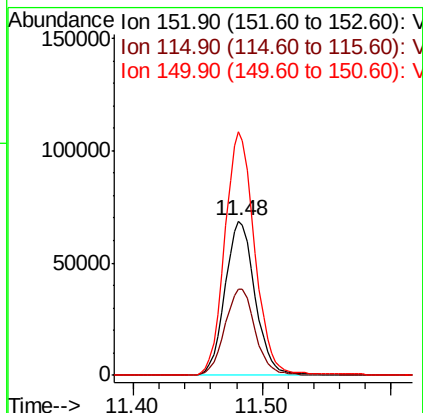
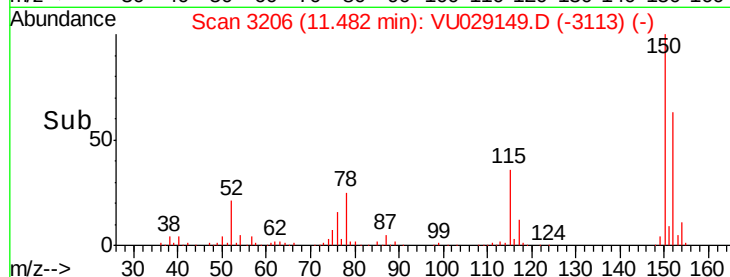
150 156.5 0.0 345.2



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: 21.245 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029149.D

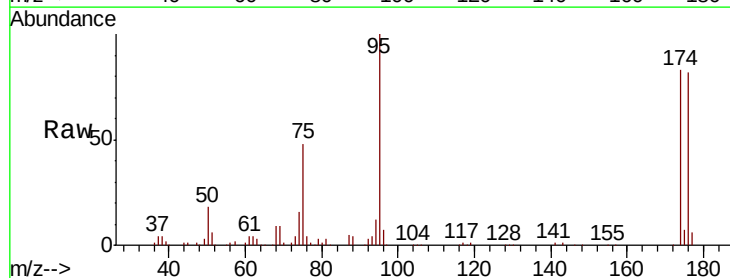
Acq: 11 Jan 2019 18:18

Tgt Ion: 75 Resp: 57702

Ion Ratio Lower Upper

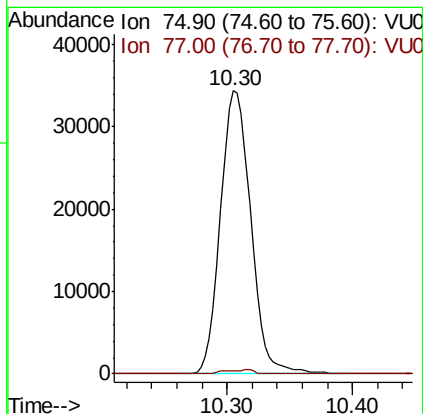
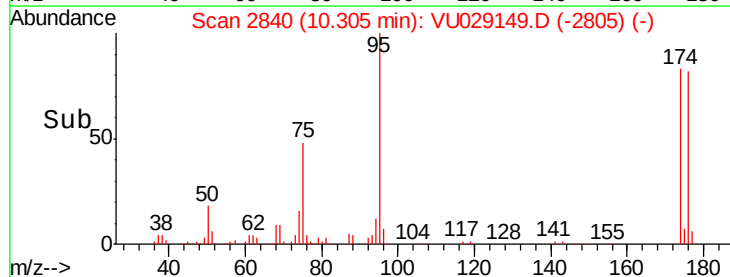
75 100

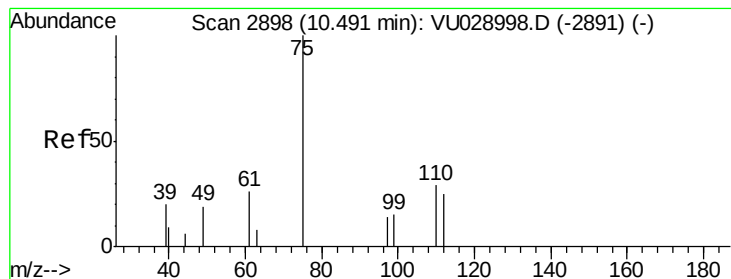
77 0.8 20.9 62.8#



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: 54.791 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029149.D

Acq: 11 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

MW-101

Tgt Ion: 75 Resp: 57702

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

