

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010319\
 Data File : VU029008.D
 Acq On : 03 Jan 2019 19:37
 Operator : MD/SY
 Sample : K1017-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 04 07:50:39 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

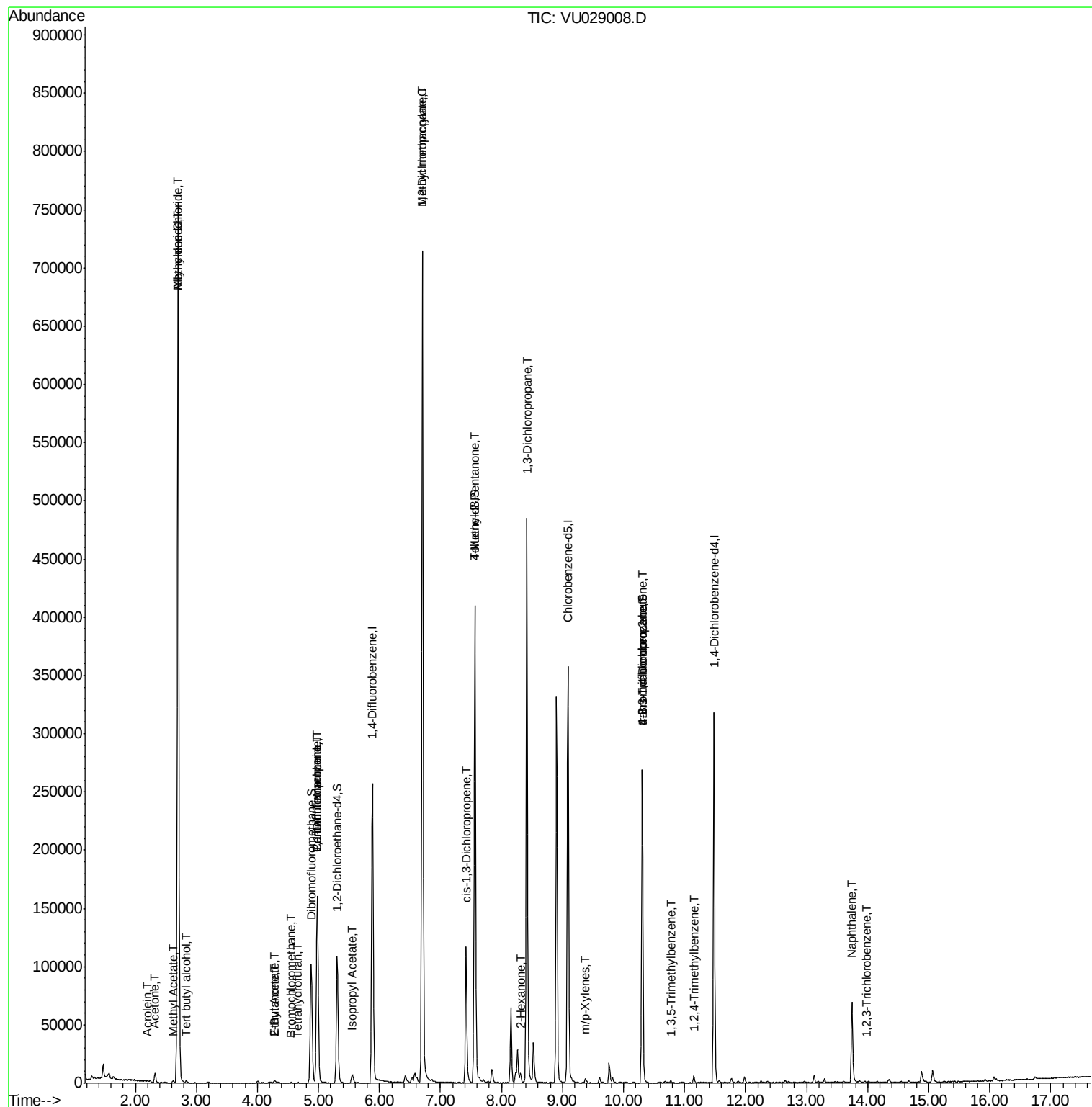
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	132351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	223067	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	206401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	86603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	82231	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	4.88	113	72382	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	7.56	98	281384	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	10.30	95	92120	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1132	Below Cal		98
5) Bromomethane	1.62	94	97	Below Cal	#	2
11) Tert butyl alcohol	2.82	59	521	1.253	ug/l #	73
13) Acrolein	2.19	56	239	0.765	ug/l #	60
14) Allyl chloride	2.70	41	12282	4.877	ug/l #	29
16) Acetone	2.32	43	8543	8.289	ug/l	99
17) Carbon Disulfide	2.47	76	659	Below Cal	#	75
18) Methyl Acetate	2.62	43	2831	1.181	ug/l #	86
20) Methylene Chloride	2.70	84	347551	198.607	ug/l	99
25) 2-Butanone	4.28	43	3744	2.689	ug/l	95
28) Bromochloromethane	4.56	49	425	0.345	ug/l #	94
29) Tetrahydrofuran	4.66	42	312	0.370	ug/l #	30
31) Cyclohexane	4.98	56	2196	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9370	4.202	ug/l #	47
37) Ethyl Acetate	4.28	43	3744	1.530	ug/l #	66
38) Carbon Tetrachloride	4.98	117	11359	6.108	ug/l #	17
43) Isopropyl Acetate	5.55	43	9322	2.483	ug/l #	90
45) 1,2-Dichloropropane	6.70	63	742	0.404	ug/l #	43
48) Methyl methacrylate	6.70	41	56214	30.750	ug/l #	36
51) 4-Methyl-2-Pentanone	7.56	43	4145	1.622	ug/l	88
54) cis-1,3-Dichloropropene	7.42	75	21940	7.819	ug/l #	58
57) 1,3-Dichloropropane	8.41	76	4932	1.699	ug/l #	42
59) 2-Hexanone	8.31	43	6830	3.405	ug/l #	21
68) m/p-Xylenes	9.38	106	1410	0.470	ug/l	93
76) 1,2,3-Trichloropropane	10.30	75	43050	20.288	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	1463	0.273	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.30	75	43050	52.325	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	3329	0.623	ug/l	100
95) Naphthalene	13.74	128	60756	9.066	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	91	0.819	ug/l #	75

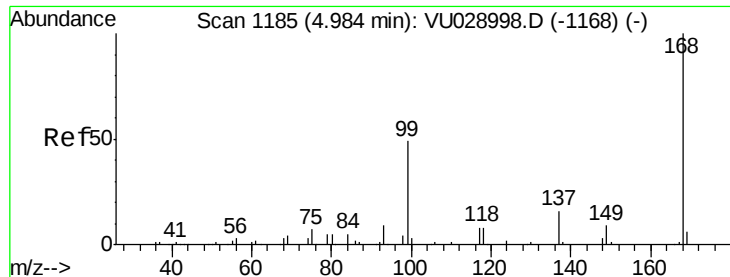
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

Instrument :

MSVOA_U

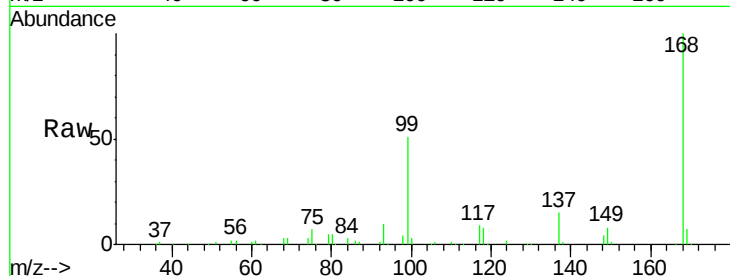
ClientSampled :

Tot Ion:168 Resp: 132351

Ion Ratio Lower Upper

168 100

99 50.9 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

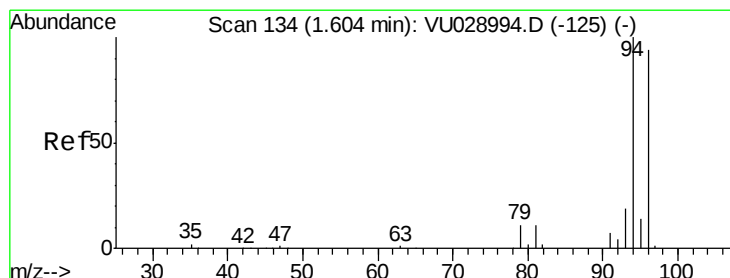
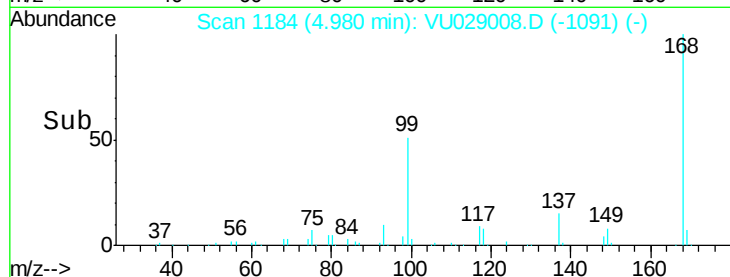
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 139

Delta R.T. 0.02 min

Lab File: VU029008.D

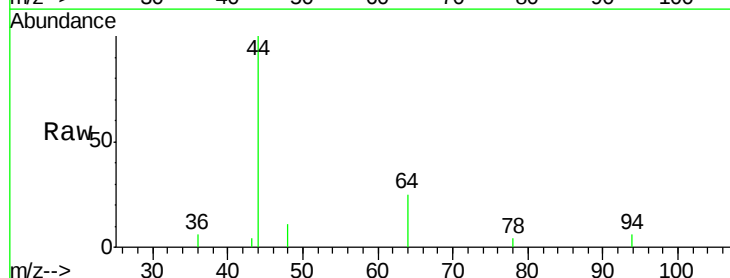
Acq: 03 Jan 2019 19:37

Tgt Ion: 94 Resp: 97

Ion Ratio Lower Upper

94 100

96 0.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VU028994.D (-125) (-)

Ion 95.90 (95.60 to 96.60): VU028994.D (-125) (-)

1.62

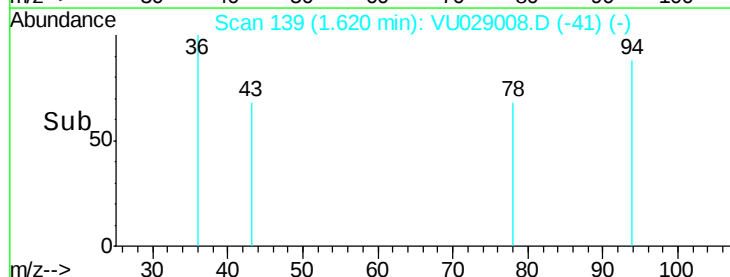
150

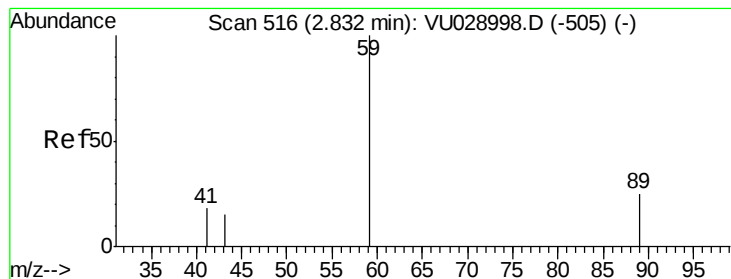
100

50

0

Time-->



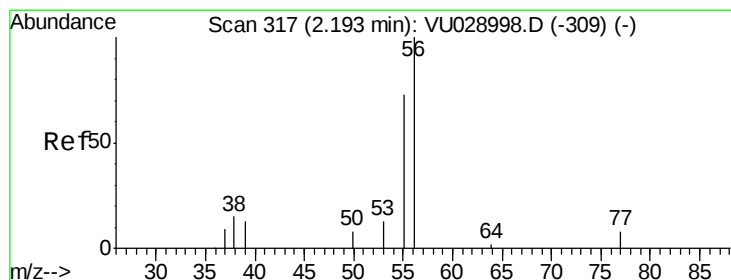
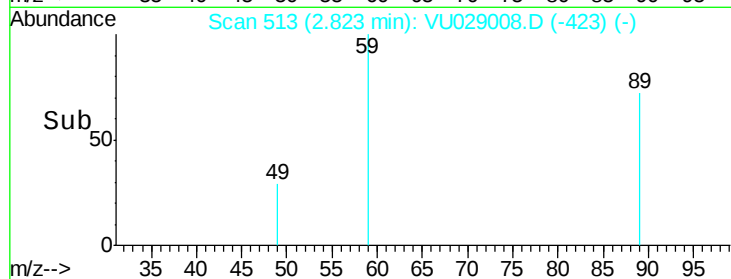
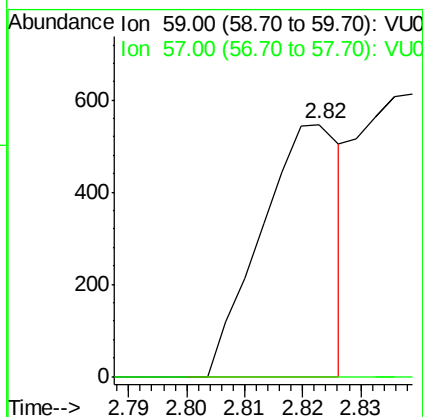
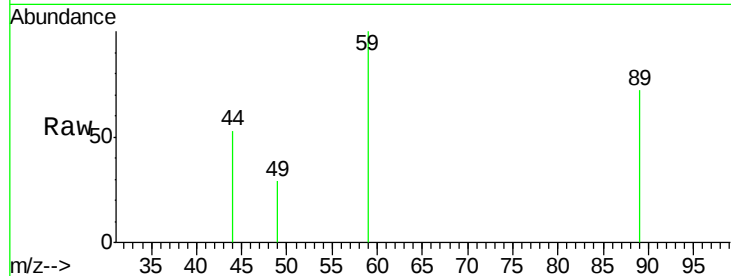


#11

Tert butyl alcohol
 Concen: 1.253 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: VU029008.D
 Acq: 03 Jan 2019 19:37

Instrument :
 MSVOA_U
 ClientSampleId :

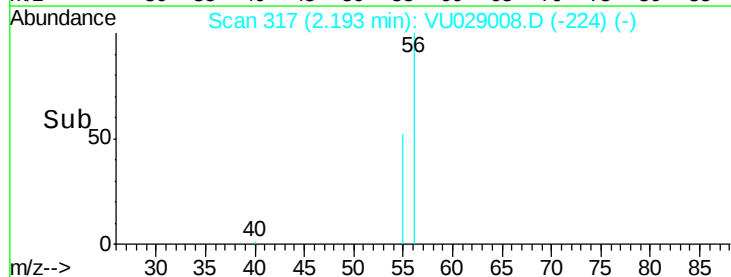
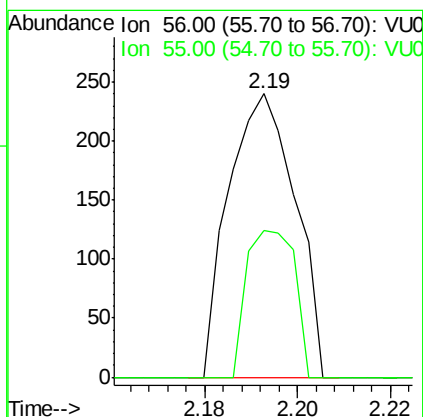
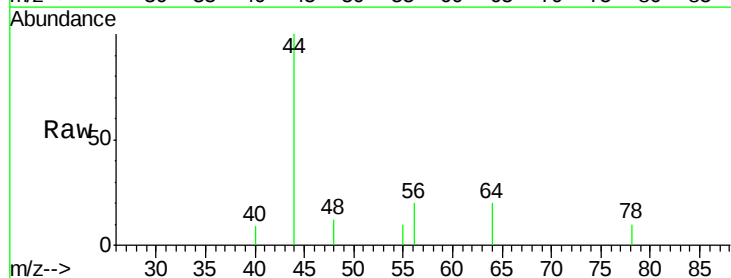
Tot Ion: 59 Resp: 521
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

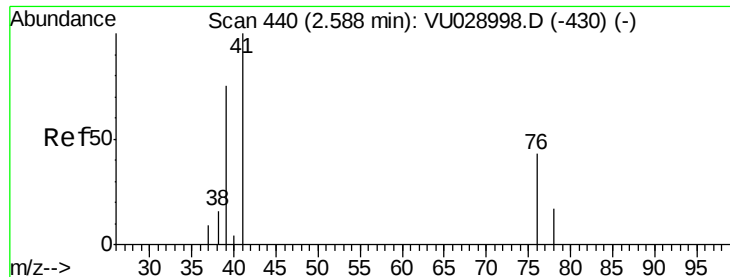


#13

Acrolein
 Concen: 0.765 ug/l
 RT: 2.19 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VU029008.D
 Acq: 03 Jan 2019 19:37

Tgt Ion: 56 Resp: 239
 Ion Ratio Lower Upper
 56 100
 55 37.2 56.5 84.7#

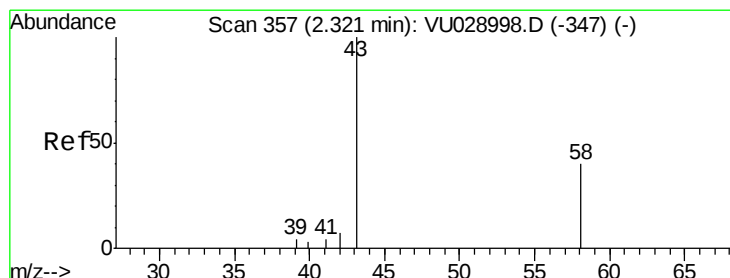
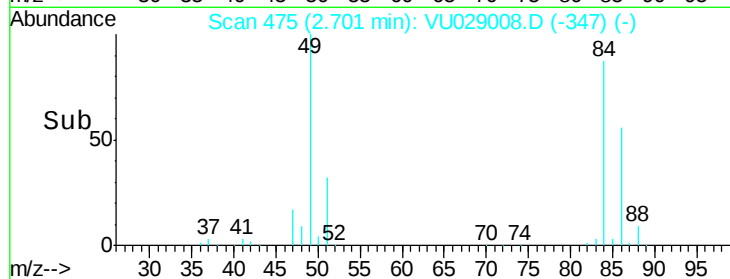
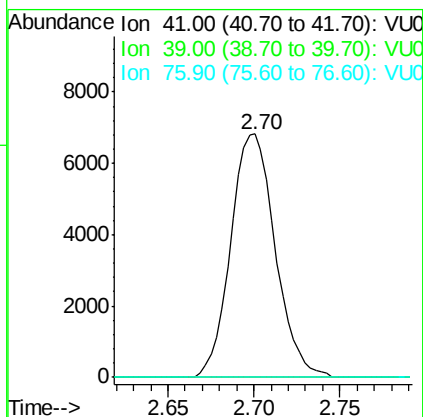
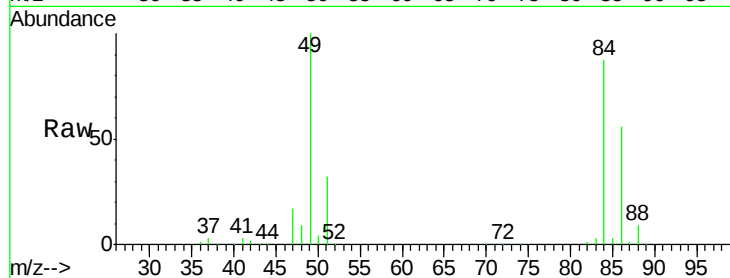




#14
Allvl chloride
Concen: 4.877 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.11 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

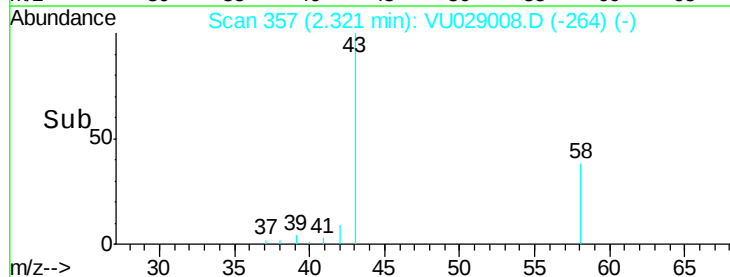
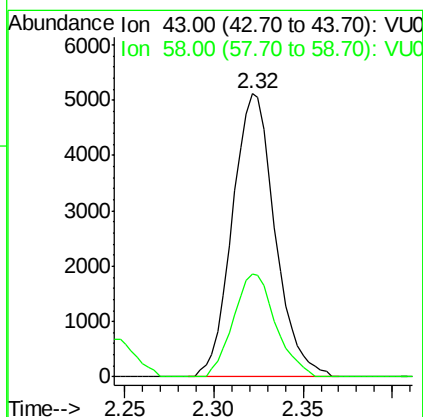
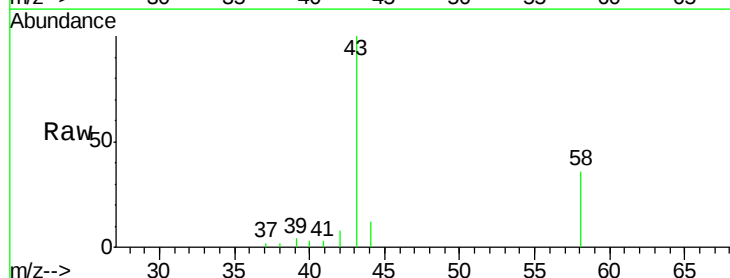
Instrument :
MSVOA_U
ClientSampleId :

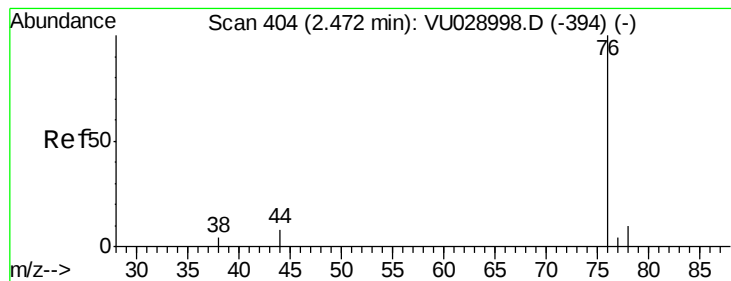
Tot Ion: 41 Resp: 12282
Ion Ratio Lower Upper
41 100
39 0.0 45.0 67.6#
76 0.0 28.1 42.1#



#16
Acetone
Concen: 8.289 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

Tgt Ion: 43 Resp: 8543
Ion Ratio Lower Upper
43 100
58 36.5 28.6 42.8





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.47 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

Instrument :

MSVOA_U

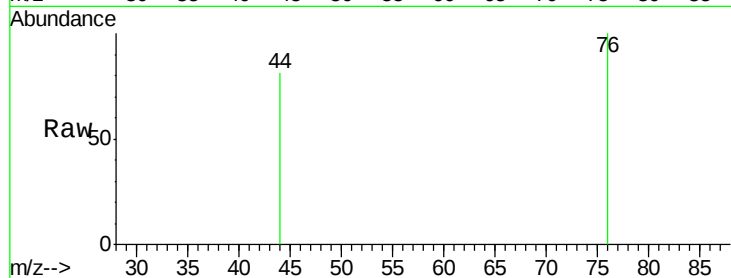
ClientSampled :

Tot Ion: 76 Resp: 659

Ion Ratio Lower Upper

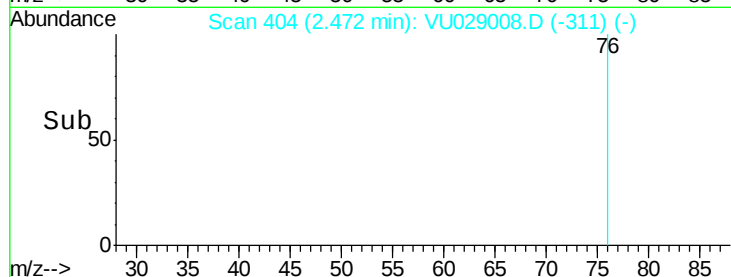
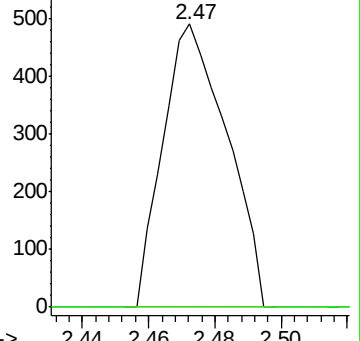
76 100

78 0.0 7.2 10.8#

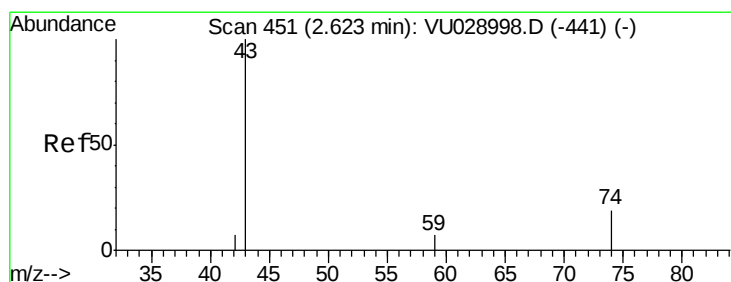


Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



Time-->



#18

Methyl Acetate

Concen: 1.181 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU029008.D

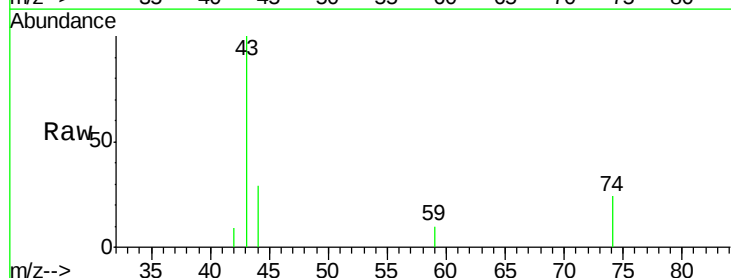
Acq: 03 Jan 2019 19:37

Tgt Ion: 43 Resp: 2831

Ion Ratio Lower Upper

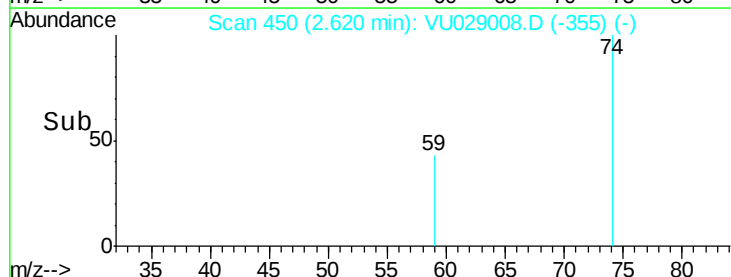
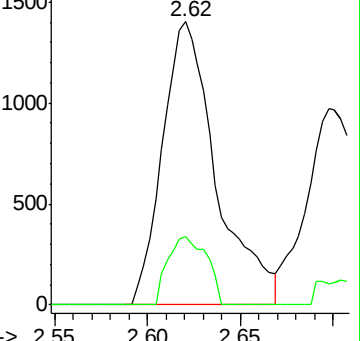
43 100

74 17.3 19.5 29.3#

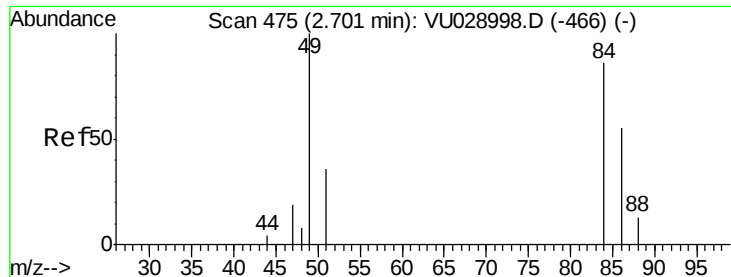


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



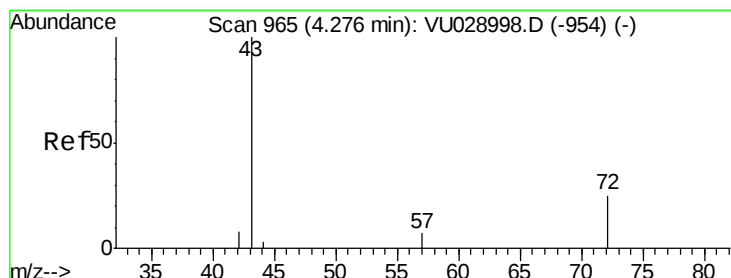
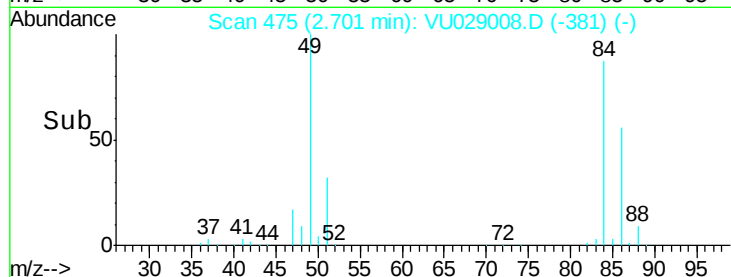
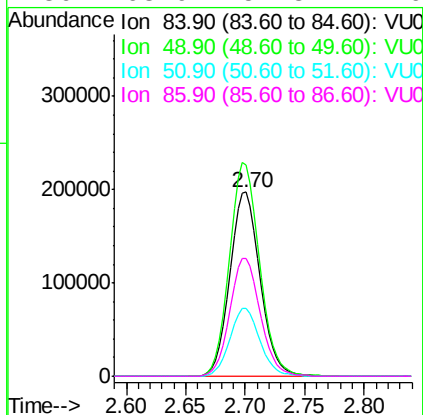
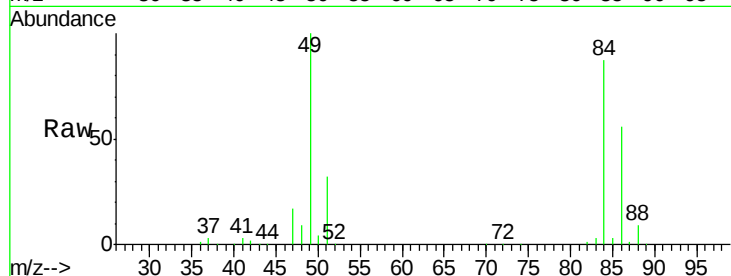
Time-->



#20
Methvlene Chloride
Concen: 198.607 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

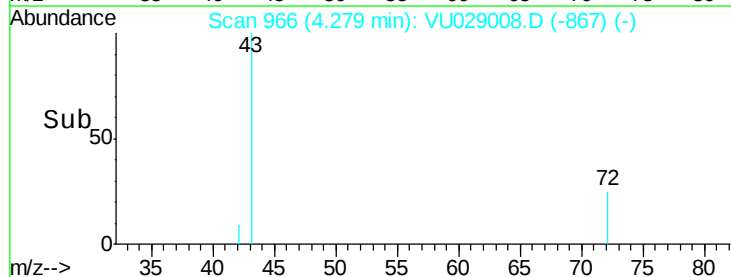
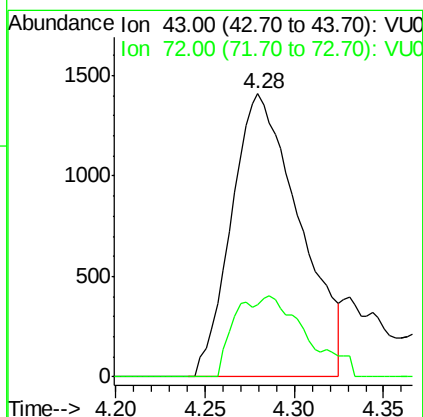
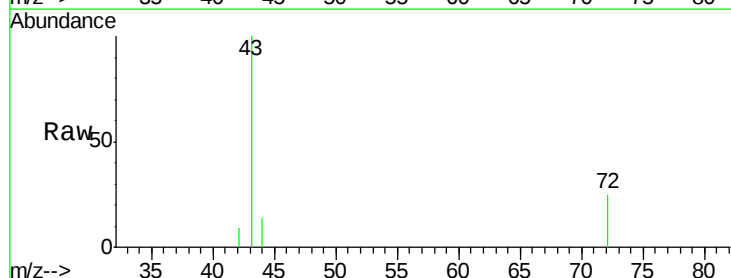
Instrument :
MSVOA_U
ClientSampleId :

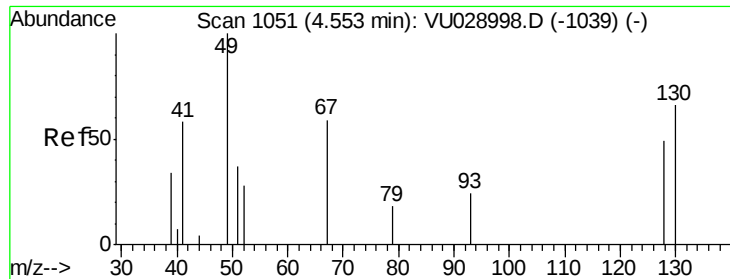
Tot Ion: 84 Resp: 347551
Ion Ratio Lower Upper
84 100
49 114.6 91.9 137.9
51 36.7 29.2 43.8
86 63.9 51.8 77.6



#25
2-Butanone
Concen: 2.689 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

Tgt Ion: 43 Resp: 3744
Ion Ratio Lower Upper
43 100
72 25.4 22.6 33.8





#28

Bromochloromethane

Concen: 0.345 ug/l

RT: 4.56 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

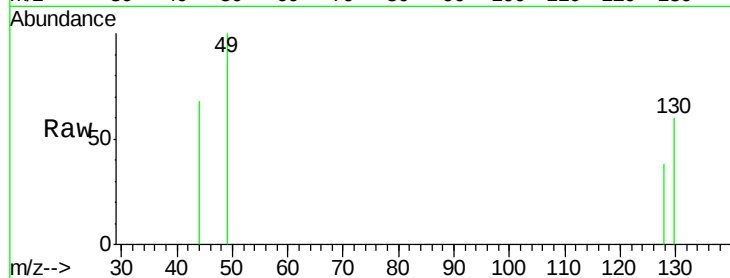
Tot Ion: 49 Resp: 425

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

130 73.2 62.9 94.3



Abundance Ion 48.90 (48.60 to 49.60): VU028998.D (-1039) (-)

Ion 128.80 (128.50 to 129.50): VU028998.D (-1039) (-)

Ion 129.80 (129.50 to 130.50): VU028998.D (-1039) (-)

4.56

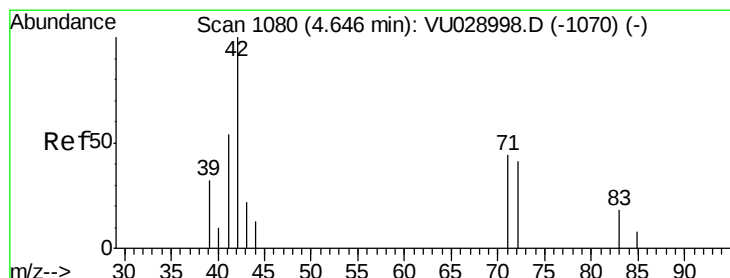
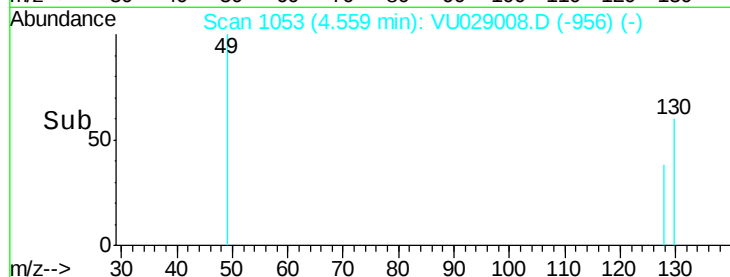
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 0.370 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

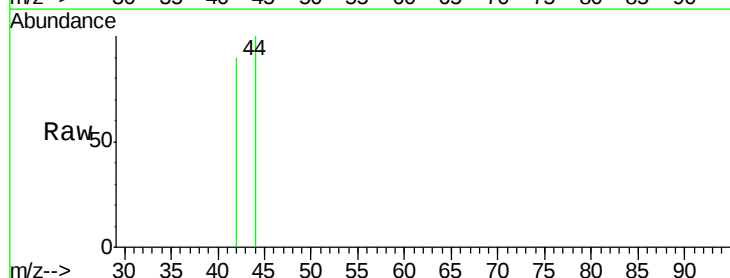
Tgt Ion: 42 Resp: 312

Ion Ratio Lower Upper

42 100

72 0.0 38.3 57.5#

71 0.0 36.1 54.1#



Abundance Ion 42.00 (41.70 to 42.70): VU028998.D (-1070) (-)

Ion 72.00 (71.70 to 72.70): VU028998.D (-1070) (-)

Ion 71.00 (70.70 to 71.70): VU028998.D (-1070) (-)

4.66

200

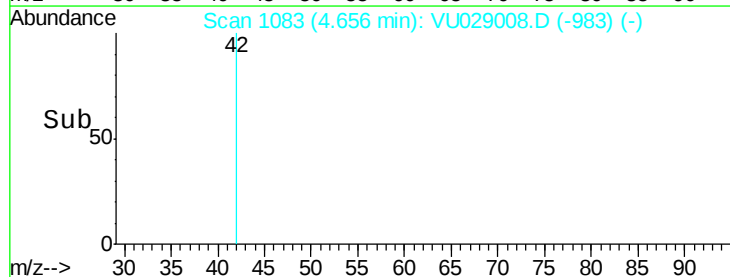
150

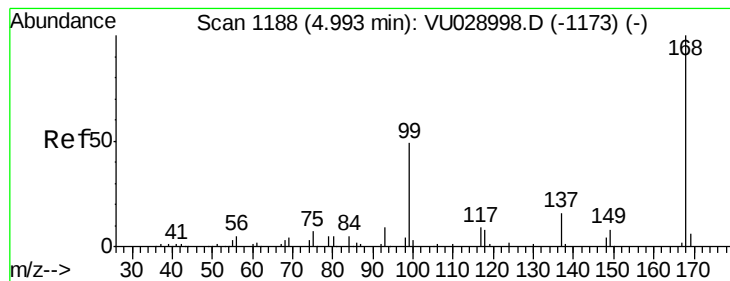
100

50

0

Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

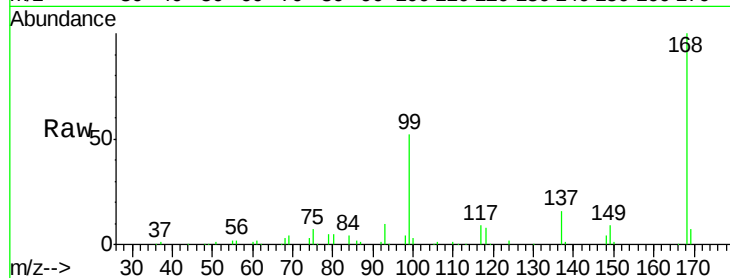
Tot Ion: 56 Resp: 2196

Ion Ratio Lower Upper

56 100

69 184.7 26.7 40.1#

84 184.5 65.7 98.5#

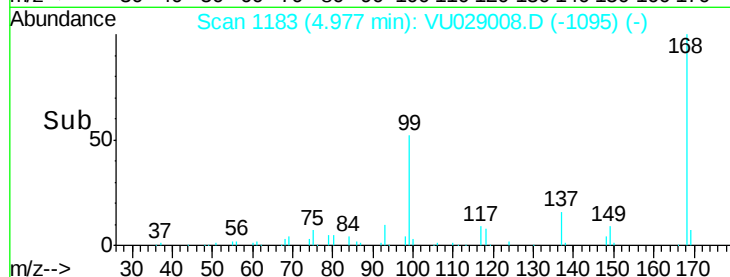


Abundance Ion 56.00 (55.70 to 56.70): VU028998.D (-1173) (-)

Ion 69.00 (68.70 to 69.70): VU028998.D (-1173) (-)

Ion 84.00 (83.70 to 84.70): VU028998.D (-1173) (-)

Time-->

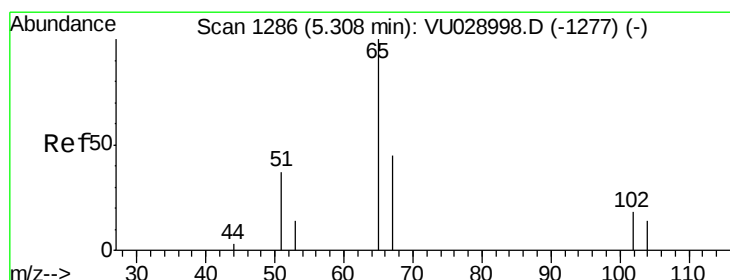


Abundance Ion 56.00 (55.70 to 56.70): VU029008.D (-1095) (-)

Ion 69.00 (68.70 to 69.70): VU029008.D (-1095) (-)

Ion 84.00 (83.70 to 84.70): VU029008.D (-1095) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.260 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029008.D

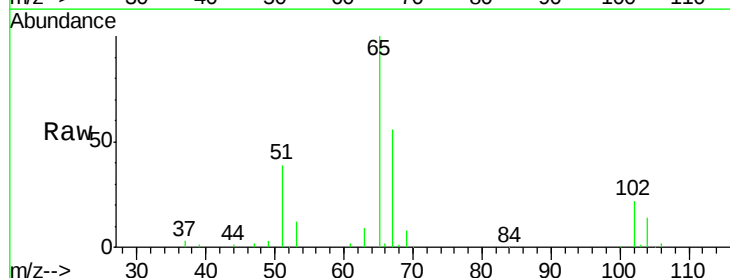
Acq: 03 Jan 2019 19:37

Tgt Ion: 65 Resp: 82231

Ion Ratio Lower Upper

65 100

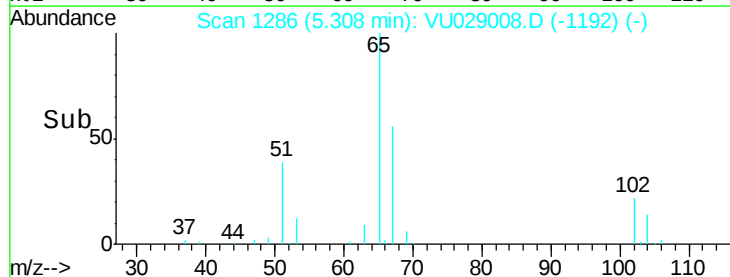
67 56.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028998.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU028998.D (-1277) (-)

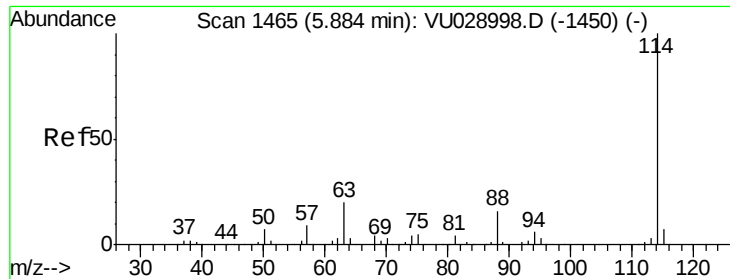
Time-->



Abundance Ion 64.90 (64.60 to 65.60): VU029008.D (-1192) (-)

Ion 66.90 (66.60 to 67.60): VU029008.D (-1192) (-)

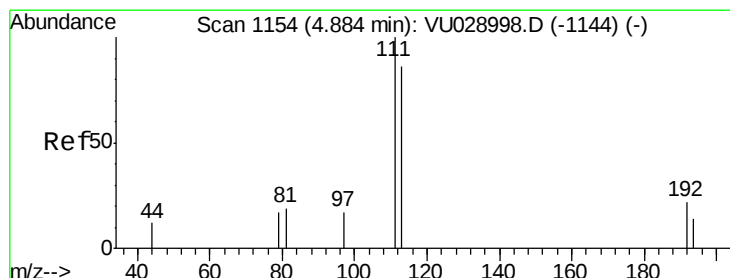
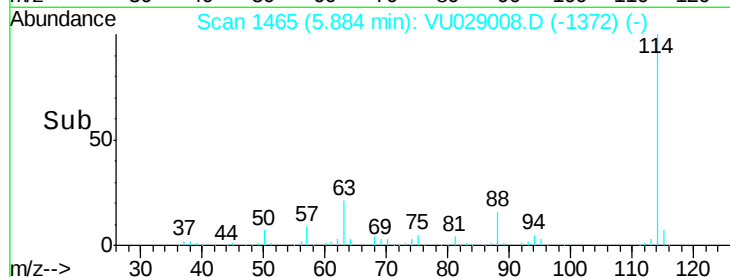
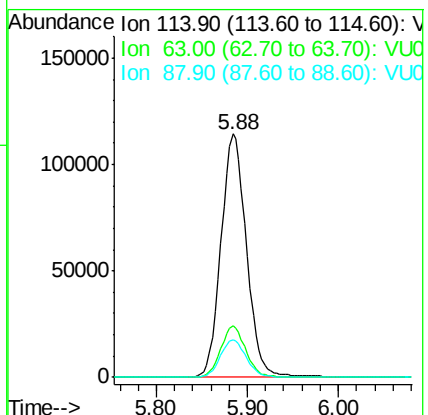
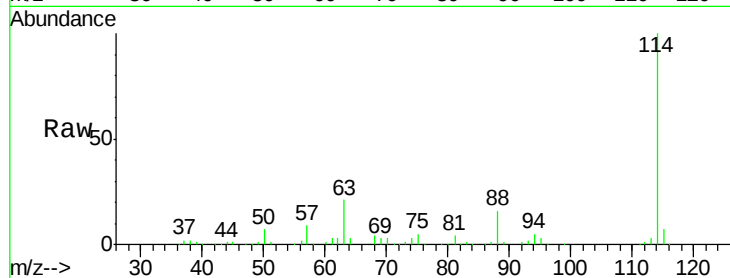
Time-->



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

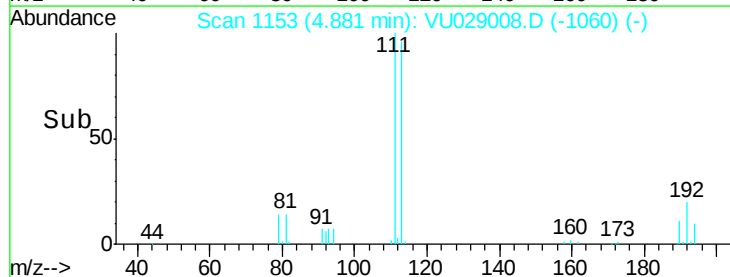
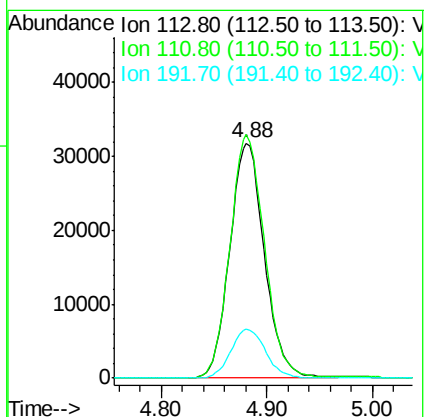
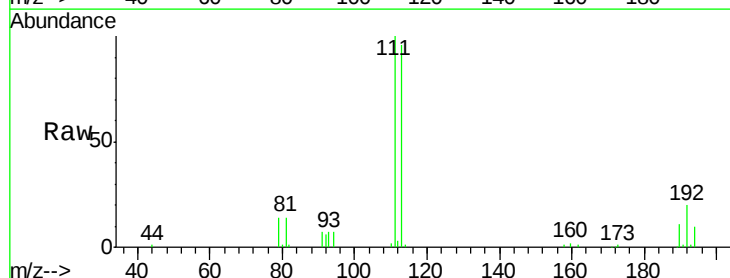
Instrument :
MSVOA_U
ClientSampleId :

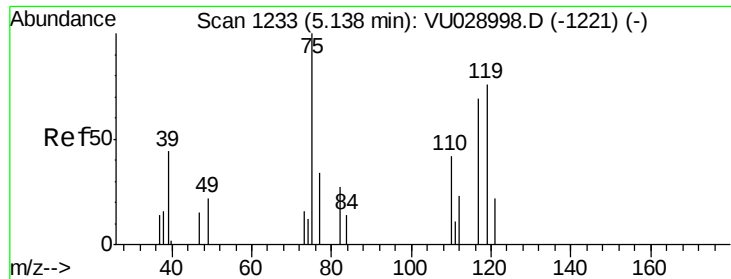
Tot Ion:114 Resp: 223067
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 15.6 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.057 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

Tgt Ion:113 Resp: 72382
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 20.8 16.8 25.2

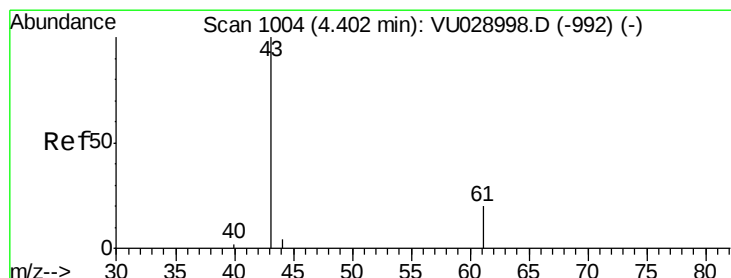
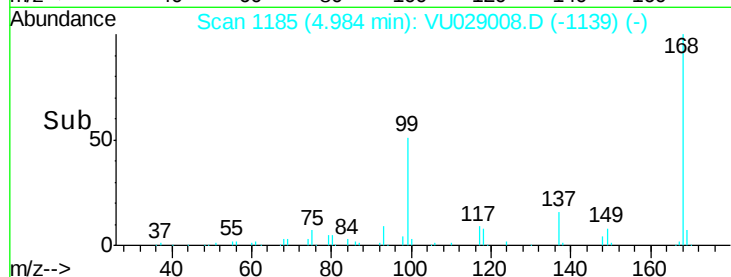
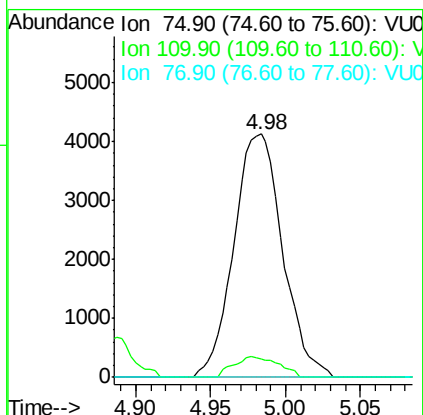
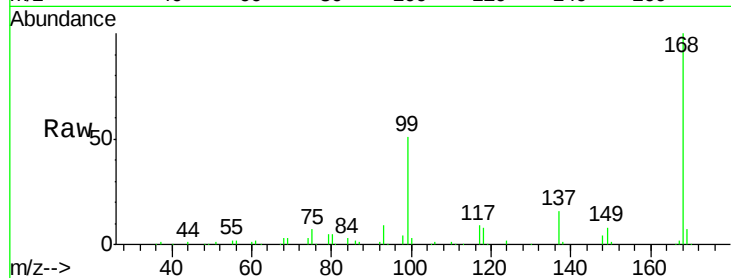




#36
 1,1-Dichloropropene
 Concen: 4.202 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029008.D
 Acq: 03 Jan 2019 19:37

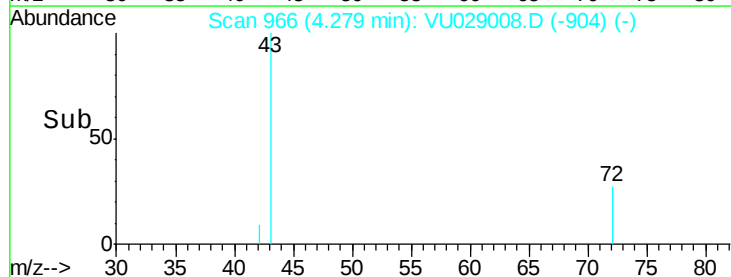
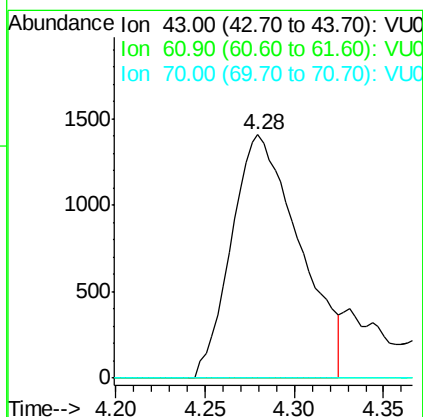
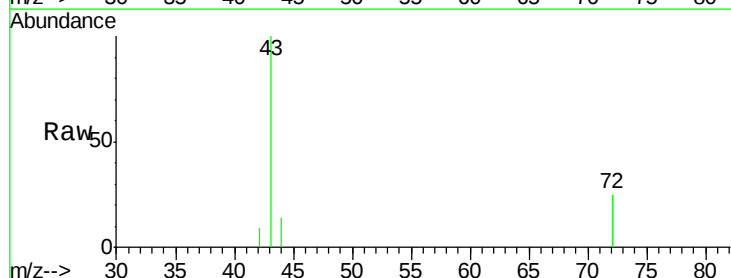
Instrument :
 MSVOA_U
 ClientSampleId :

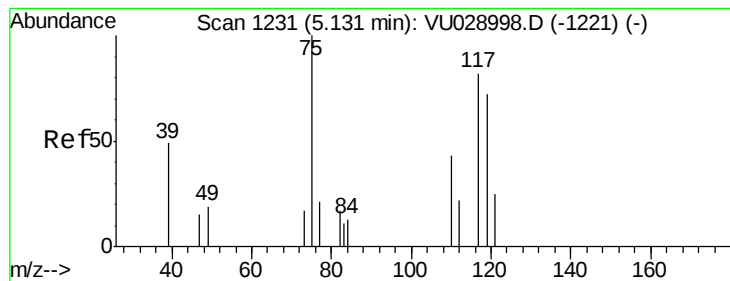
Tot Ion: 75 Resp: 9370
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.4 55.4#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 1.530 ug/l
 RT: 4.28 min Scan# 966
 Delta R.T. -0.10 min
 Lab File: VU029008.D
 Acq: 03 Jan 2019 19:37

Tgt Ion: 43 Resp: 3744
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.6 18.8#
 70 0.0 9.3 13.9#





#38

Carbon Tetrachloride

Concen: 6.108 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.15 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

Instrument :
MSVOA_U
ClientSampleId :

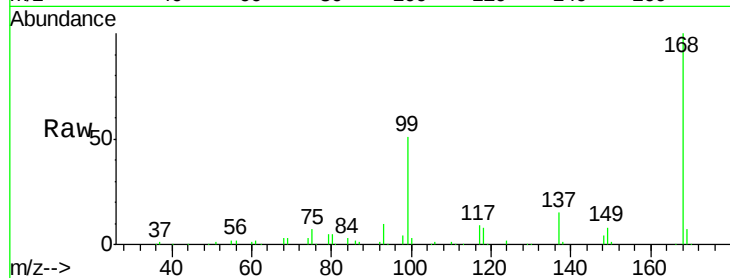
Tot Ion:117 Resp: 11359

Ion Ratio Lower Upper

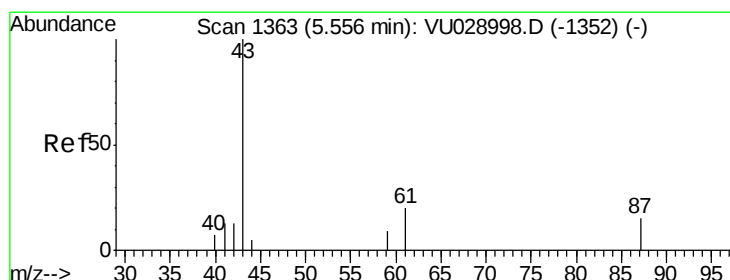
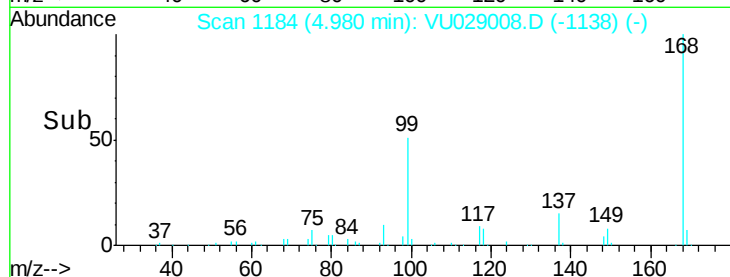
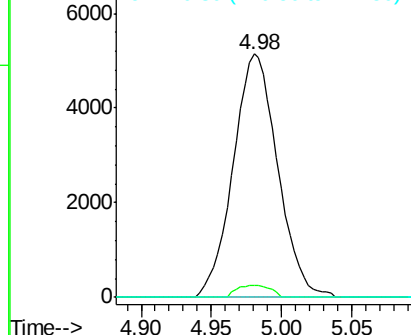
117 100

119 5.0 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



#43

Isopropyl Acetate

Concen: 2.483 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

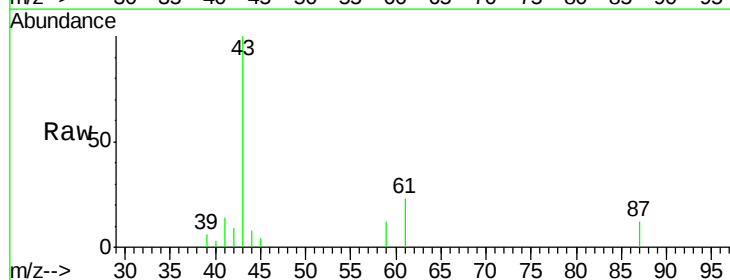
Tgt Ion: 43 Resp: 9322

Ion Ratio Lower Upper

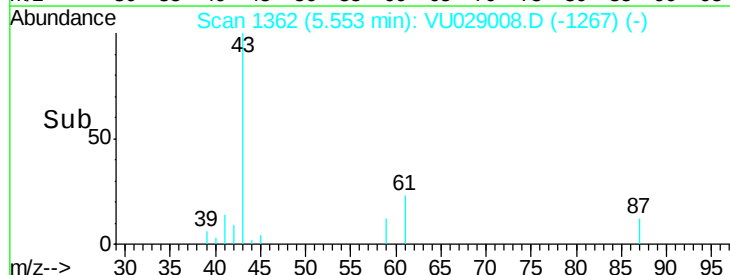
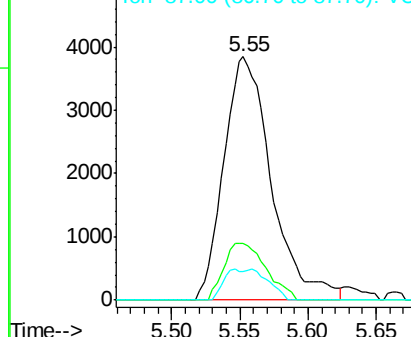
43 100

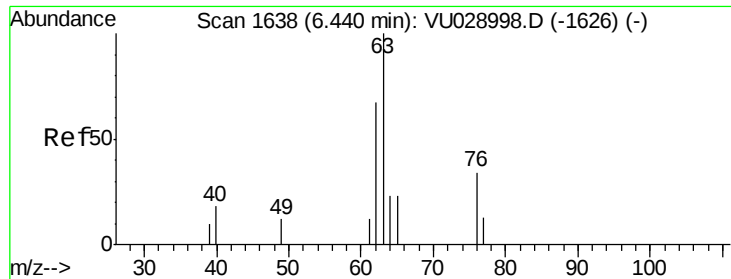
61 20.6 17.8 26.6

87 5.4 11.3 16.9#



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





#45

1,2-Dichloropropane

Concen: 0.404 ug/l

RT: 6.70 min Scan# 1719

Delta R.T. 0.27 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

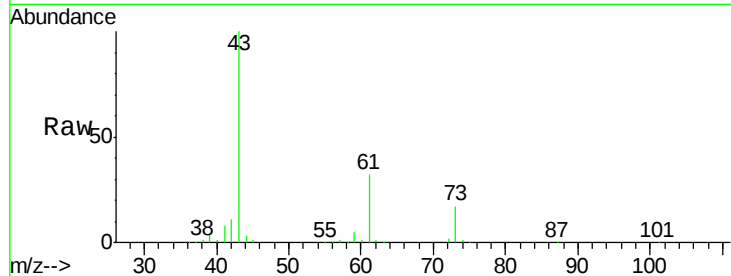
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 63 Resp: 742

Ion Ratio Lower Upper

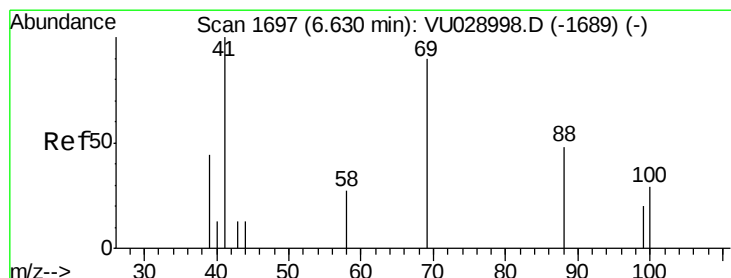
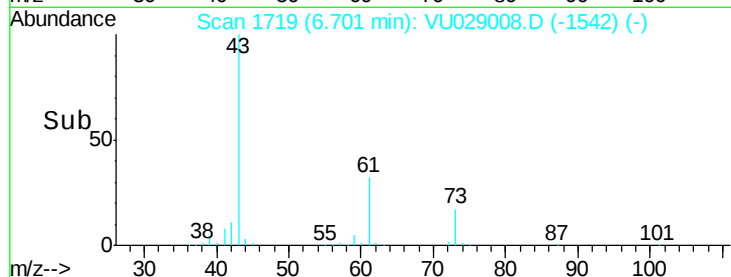
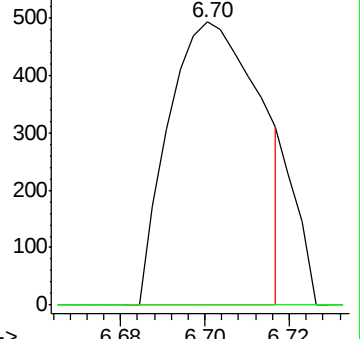
63 100

65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#48

Methyl methacrylate

Concen: 30.750 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.08 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

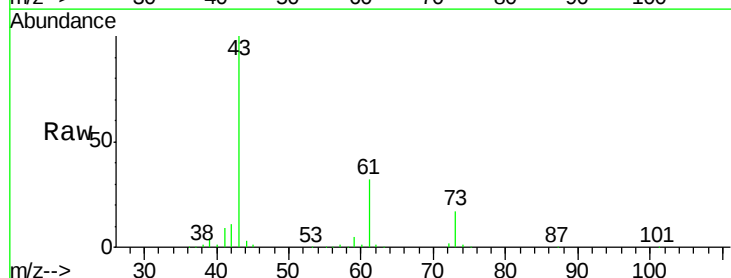
Tgt Ion: 41 Resp: 56214

Ion Ratio Lower Upper

41 100

69 0.0 73.6 110.4#

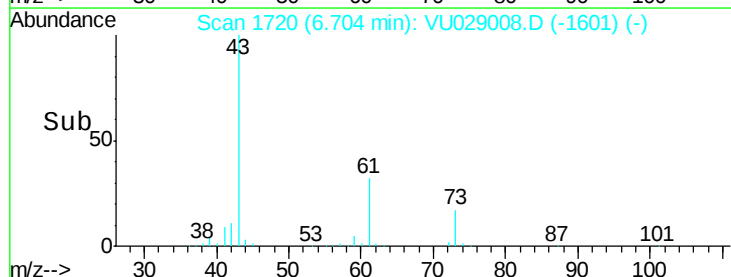
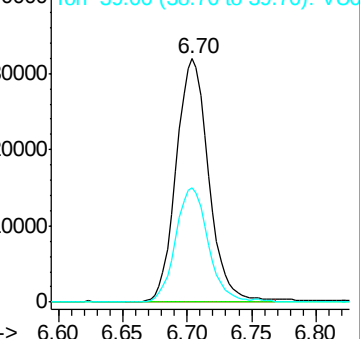
39 47.4 39.6 59.4

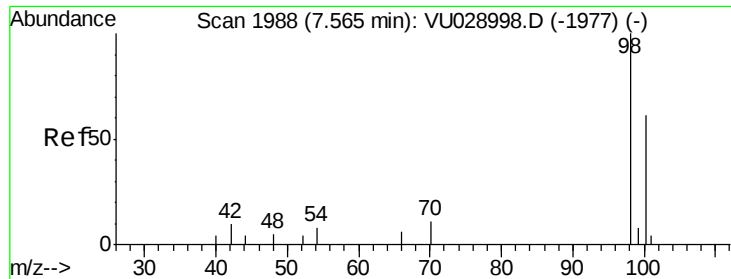


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

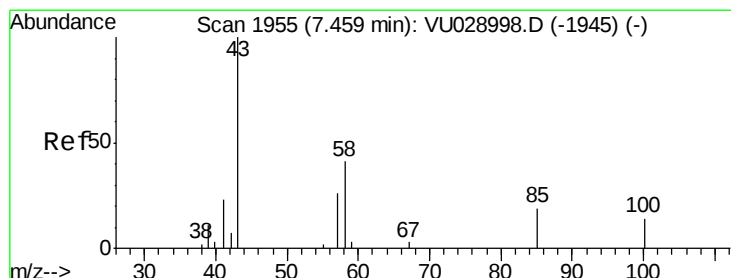
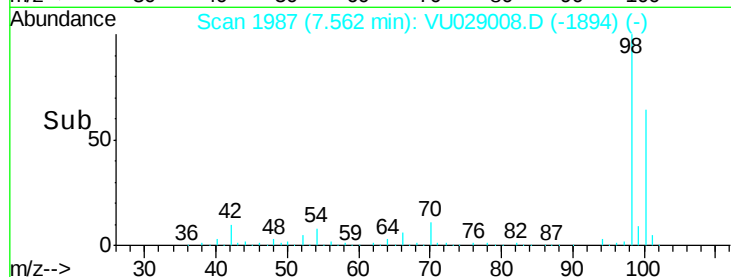
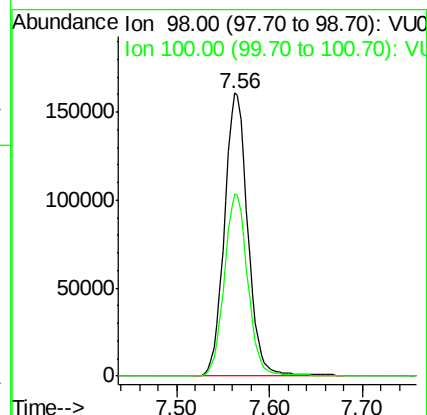
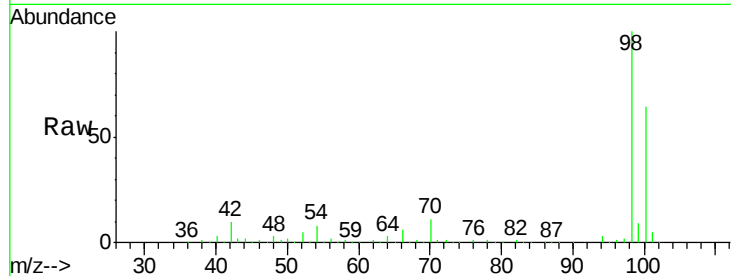




#50
Toluene-d8
Concen: 49.292 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

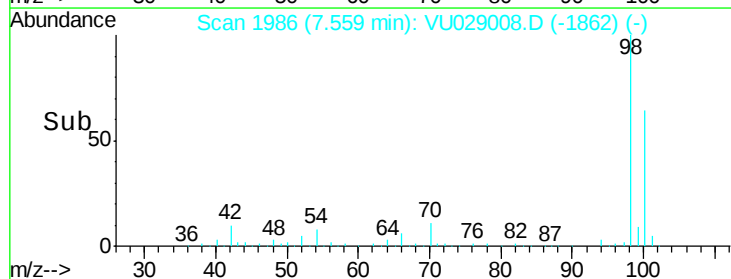
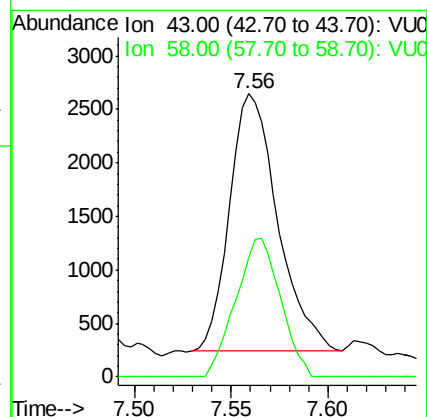
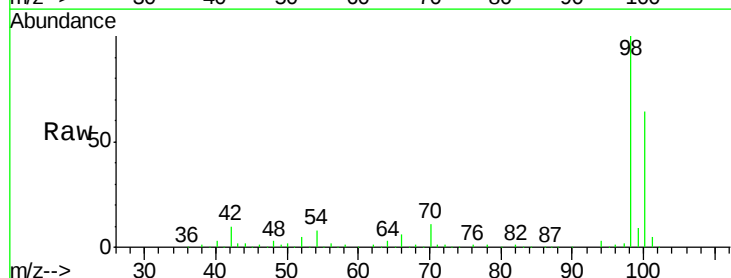
Instrument :
MSVOA_U
ClientSampleId :

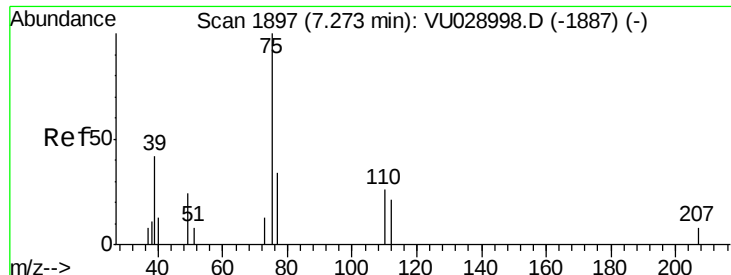
Tot Ion: 98 Resp: 281384
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.622 ug/l
RT: 7.56 min Scan# 1986
Delta R.T. 0.10 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

Tgt Ion: 43 Resp: 4145
Ion Ratio Lower Upper
43 100
58 50.1 33.9 50.9





#54

cis-1,3-Dichloropropene

Concen: 7.819 ug/l

RT: 7.42 min Scan# 1943

Delta R.T. 0.15 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

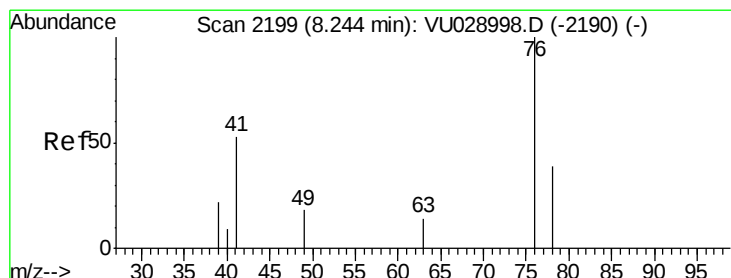
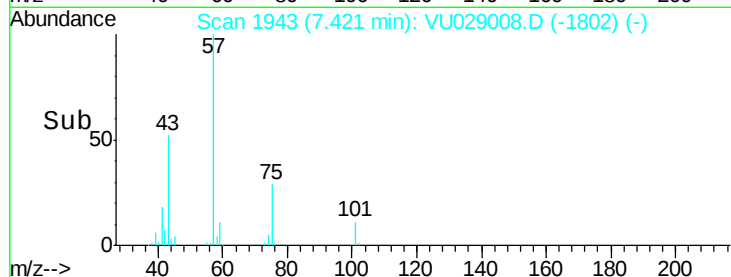
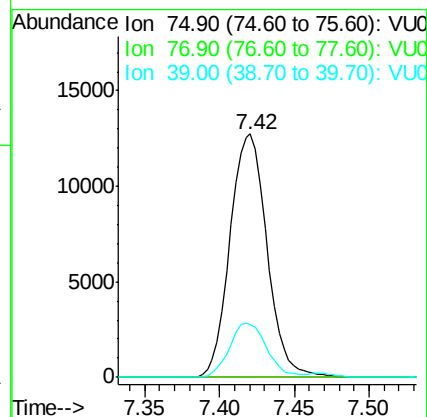
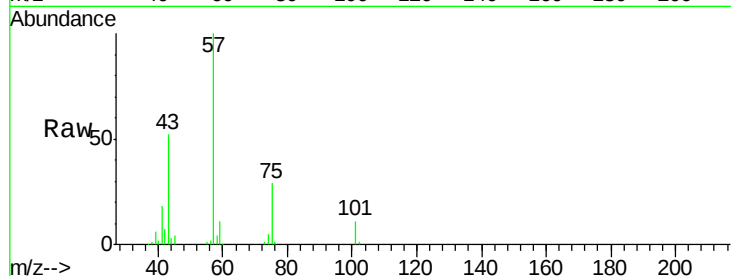
Tot Ion: 75 Resp: 21940

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

39 21.6 32.2 48.4#



#57

1,3-Dichloropropane

Concen: 1.699 ug/l

RT: 8.41 min Scan# 2251

Delta R.T. 0.17 min

Lab File: VU029008.D

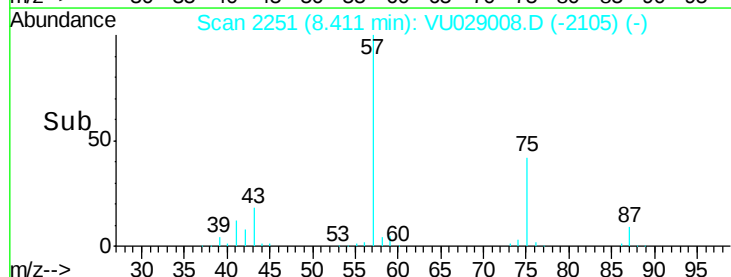
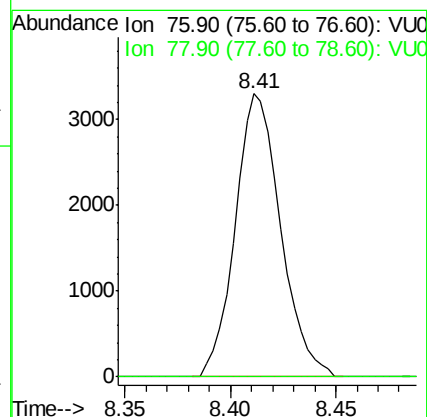
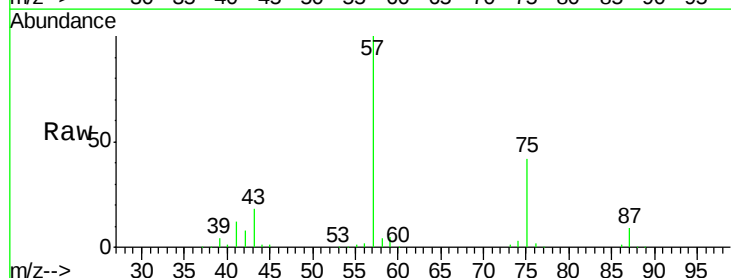
Acq: 03 Jan 2019 19:37

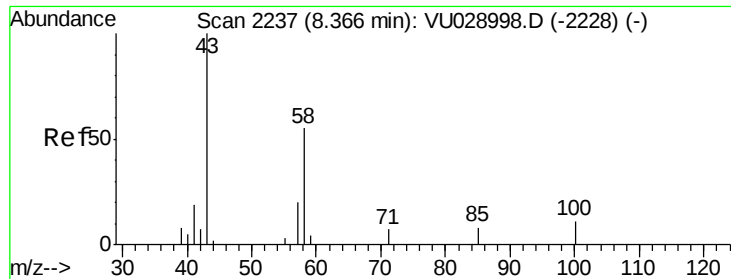
Tgt Ion: 76 Resp: 4932

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#

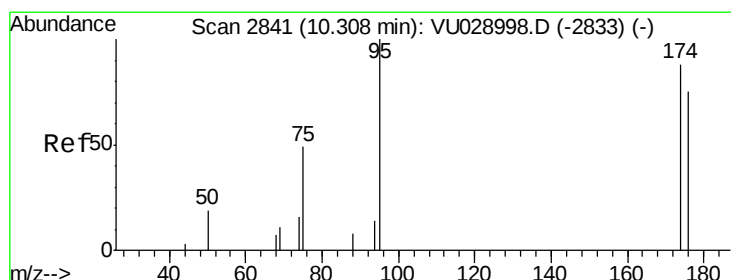
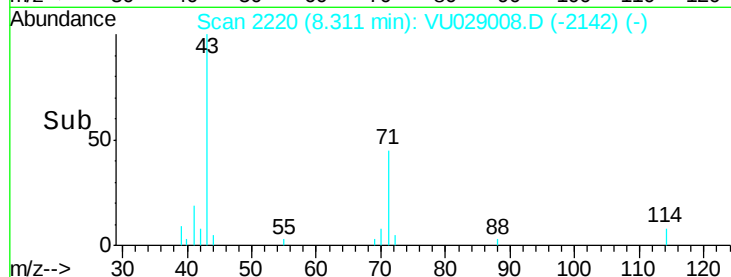
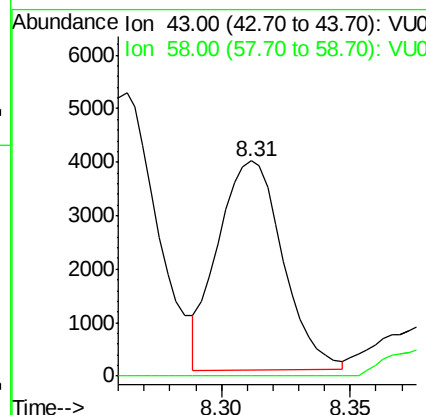
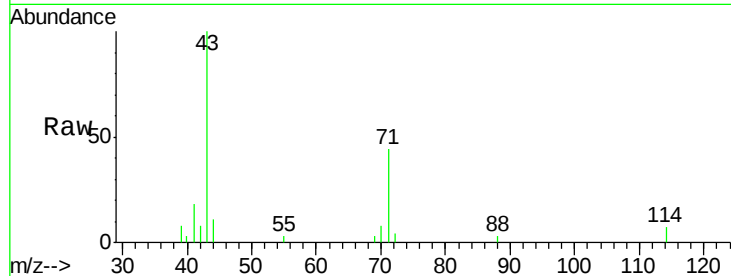




#59
2-Hexanone
Concen: 3.405 ug/l
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

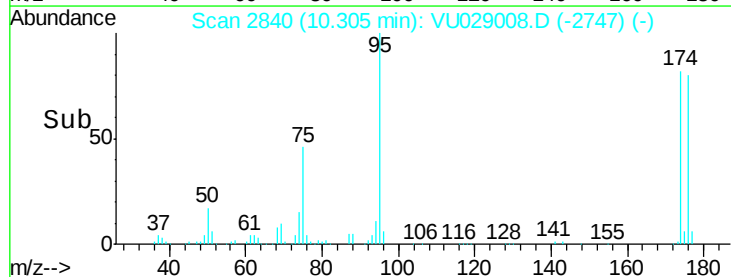
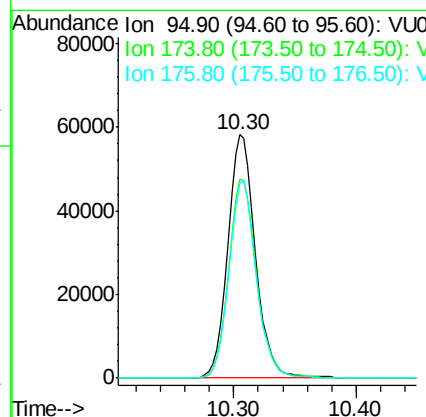
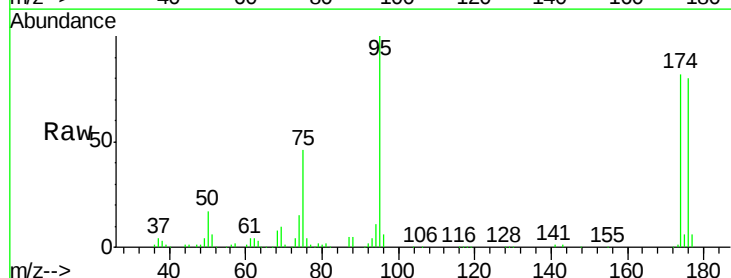
Instrument :
MSVOA_U
ClientSampled :

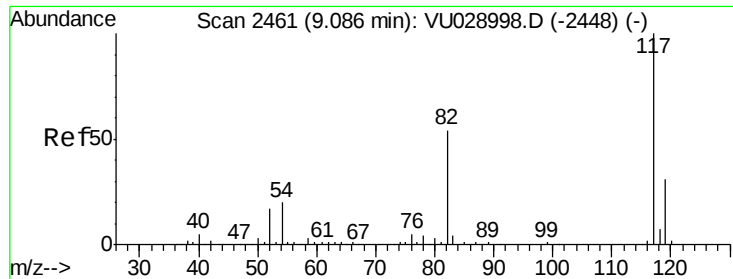
Tot Ion: 43 Resp: 6830
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.4#



#62
4-Bromofluorobenzene
Concen: 44.903 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

Tgt Ion: 95 Resp: 92120
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.6
176 80.6 0.0 165.0

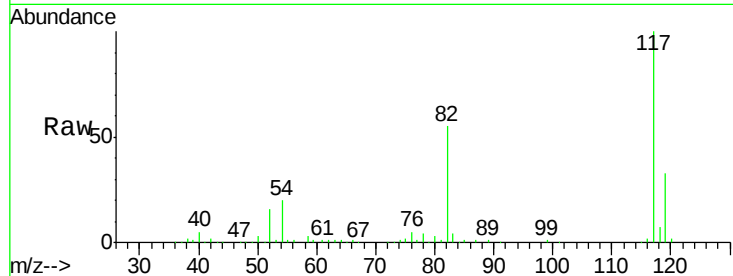




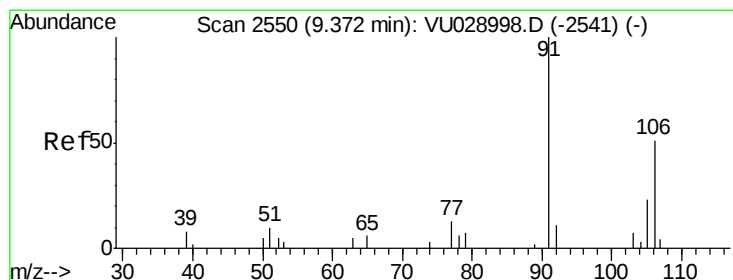
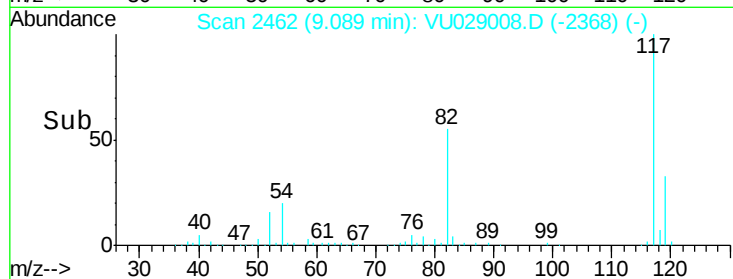
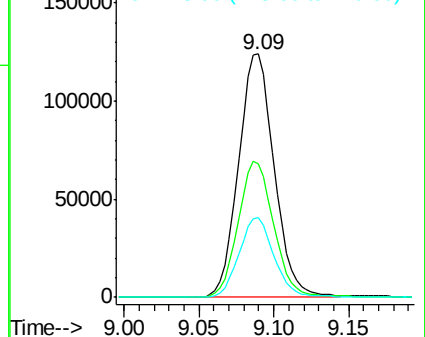
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 206401
Ion Ratio Lower Upper
117 100
82 55.0 43.9 65.9
119 32.6 26.0 39.0

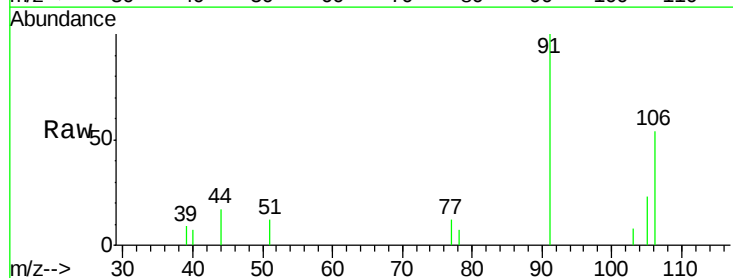


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

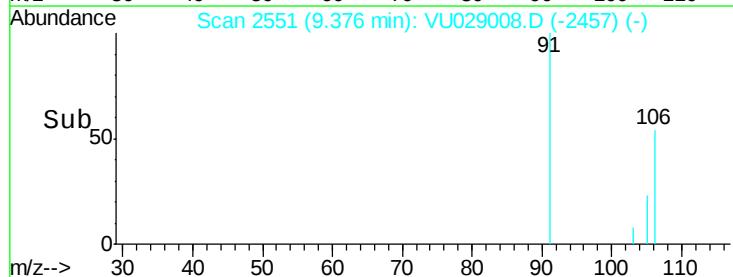
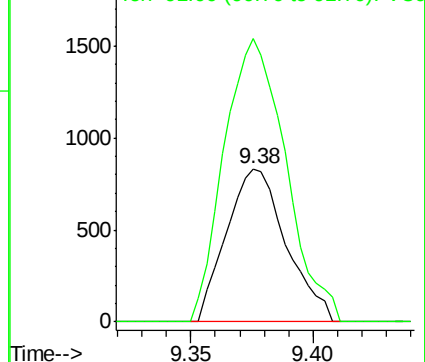


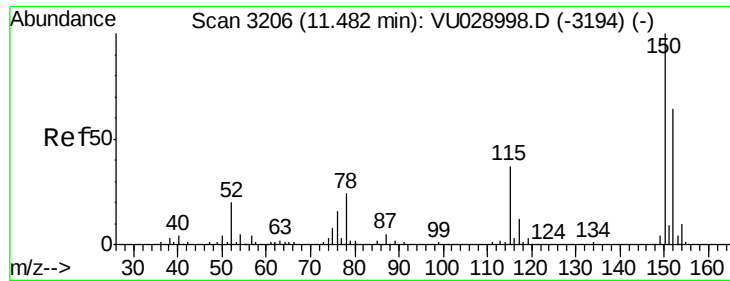
#68
m/p-Xylenes
Concen: 0.470 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU029008.D
Acq: 03 Jan 2019 19:37

Tgt Ion:106 Resp: 1410
Ion Ratio Lower Upper
106 100
91 191.8 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

Instrument :

MSVOA_U

ClientSampleId :

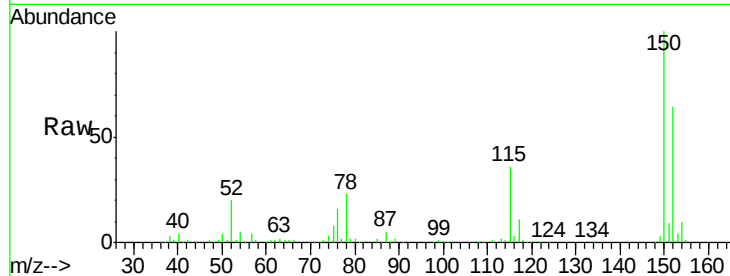
Tot Ion:152 Resp: 86603

Ion Ratio Lower Upper

152 100

115 57.1 40.1 120.3

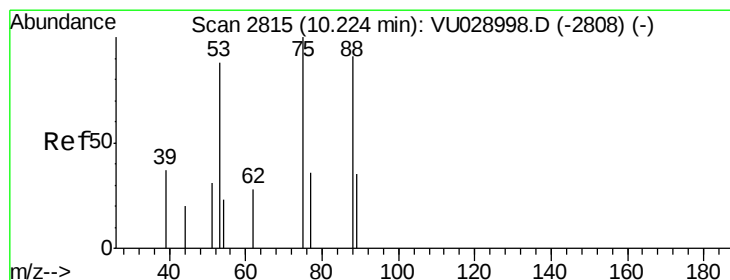
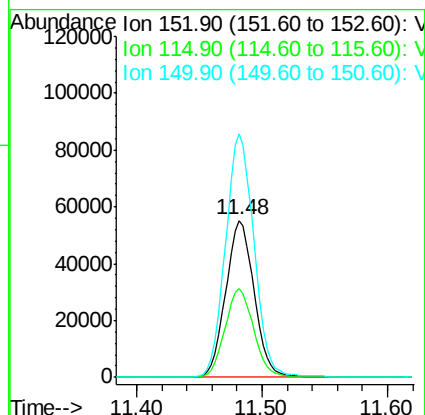
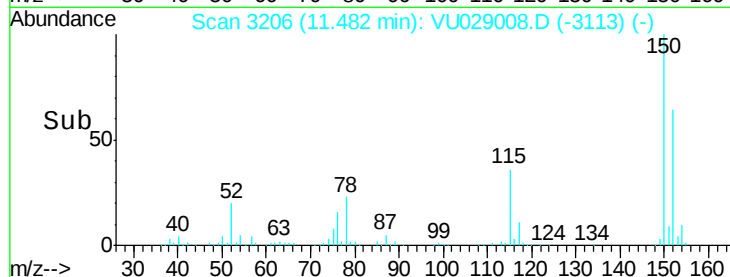
150 156.1 0.0 345.2



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: 20.288 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029008.D

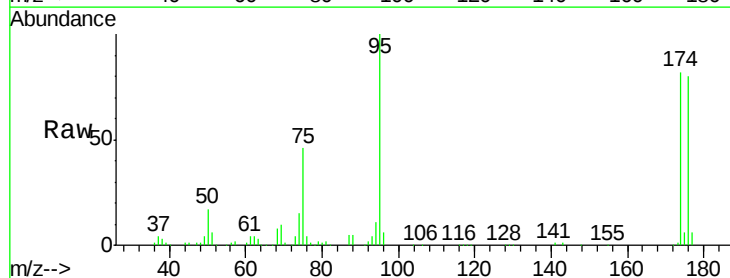
Acq: 03 Jan 2019 19:37

Tgt Ion: 75 Resp: 43050

Ion Ratio Lower Upper

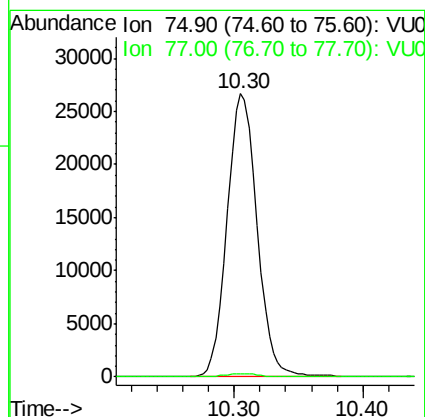
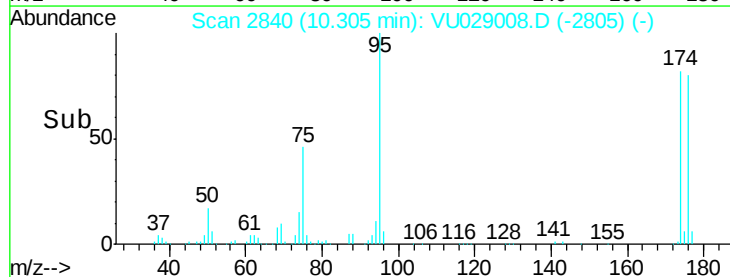
75 100

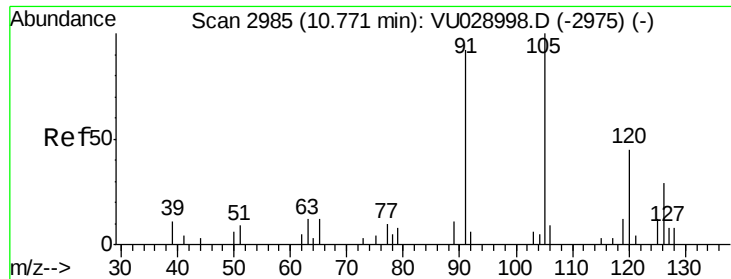
77 1.2 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#80

1,3,5-Trimethylbenzene

Concen: 0.273 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

Instrument :

MSVOA_U

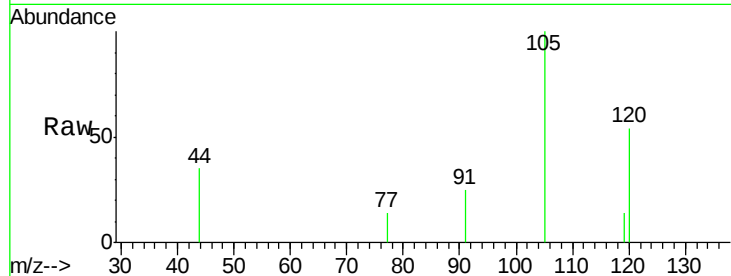
ClientSampled :

Tot Ion:105 Resp: 1463

Ion Ratio Lower Upper

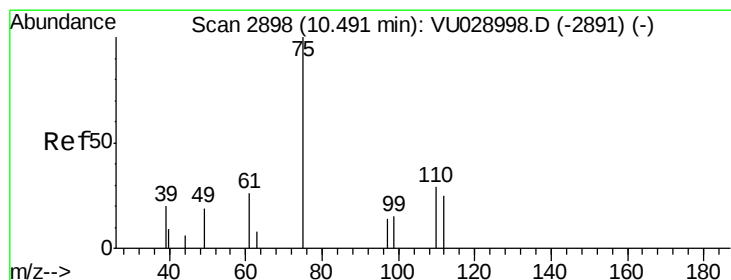
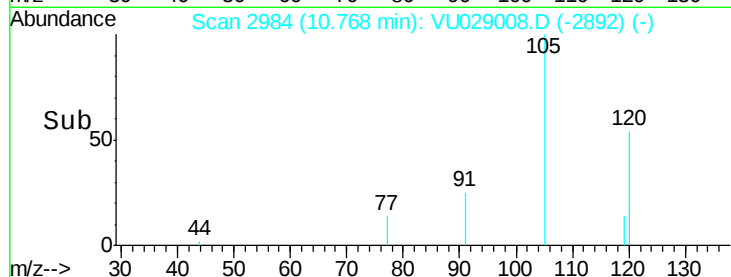
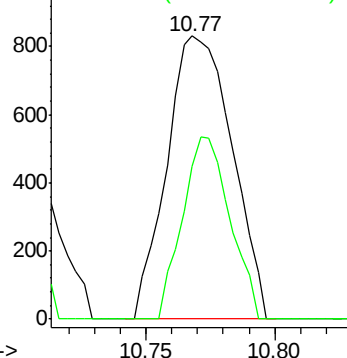
105 100

120 46.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 52.325 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

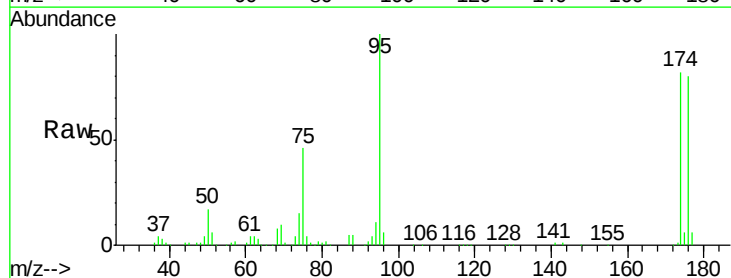
Tgt Ion: 75 Resp: 43050

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

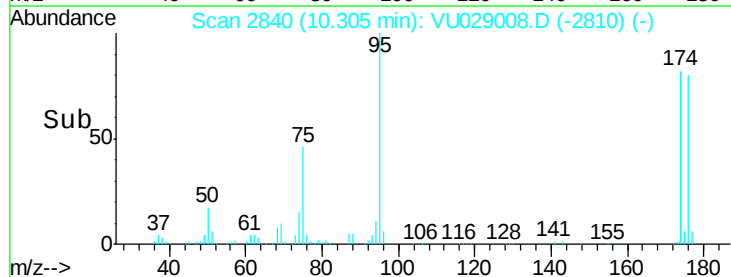
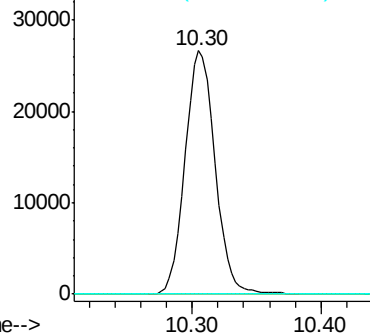
89 0.0 0.0 0.0

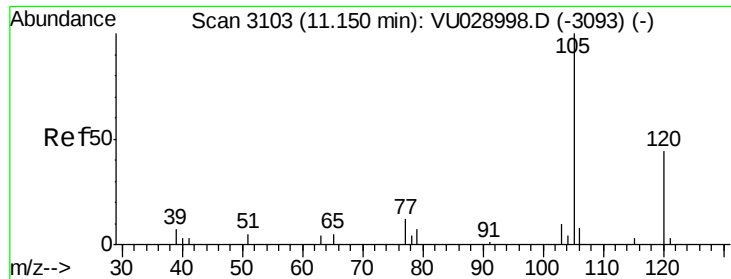


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#84

1,2,4-Trimethylbenzene

Concen: 0.623 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

Instrument :

MSVOA_U

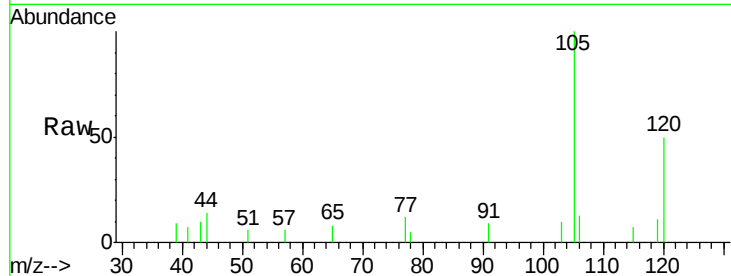
ClientSampleId :

Tot Ion:105 Resp: 3329

Ion Ratio Lower Upper

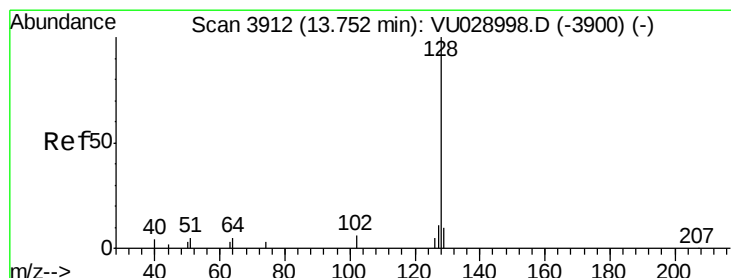
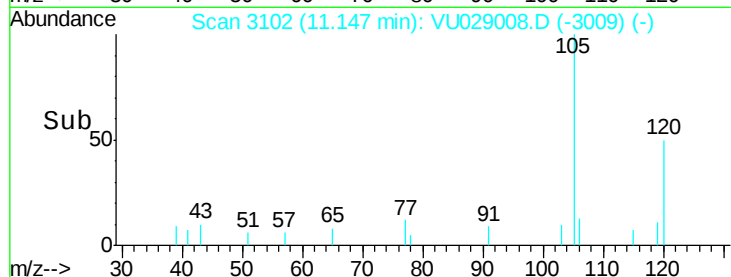
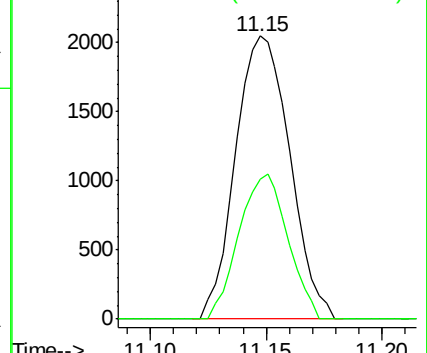
105 100

120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 9.066 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029008.D

Acq: 03 Jan 2019 19:37

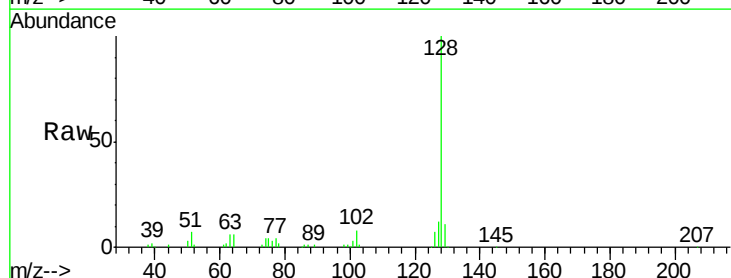
Tgt Ion:128 Resp: 60756

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

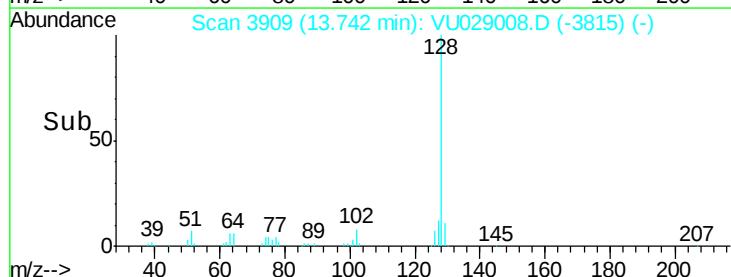
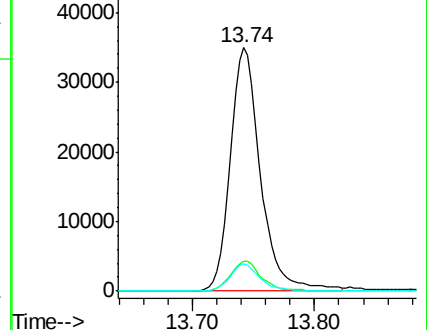
129 11.2 8.5 12.7

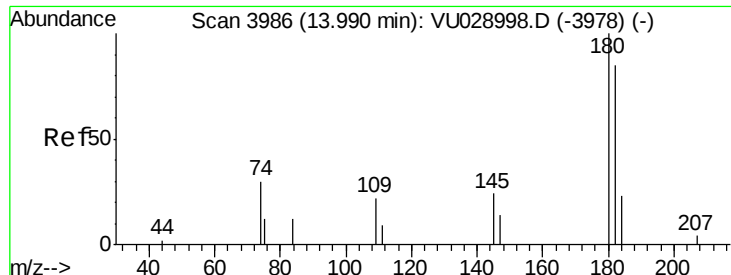


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.819 ug/l
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU029008.D
 Acq: 03 Jan 2019 19:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 91
 Ion Ratio Lower Upper
 180 100
 182 80.2 48.1 144.3
 145 0.0 14.8 44.4#

