

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010319\
 Data File : VU029007.D
 Acq On : 03 Jan 2019 19:13
 Operator : MD/SY
 Sample : K1017-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 04 07:50:21 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	130673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	219169	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	202560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	81504	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	4.88	113	71556	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	7.56	98	275493	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	10.30	95	89397	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1053	Below Cal	#	78
5) Bromomethane	1.62	94	146	Below Cal		98
11) Tert butyl alcohol	2.84	59	1582	3.853	ug/l #	73
13) Acrolein	2.19	56	313	1.015	ug/l	90
14) Allyl chloride	2.70	41	6328	2.545	ug/l #	29
16) Acetone	2.32	43	10850	10.662	ug/l	100
17) Carbon Disulfide	2.47	76	953	Below Cal	#	75
18) Methyl Acetate	2.62	43	1825	0.771	ug/l #	84
20) Methylene Chloride	2.70	84	187874	108.738	ug/l	99
25) 2-Butanone	4.27	43	5146	3.744	ug/l	99
31) Cyclohexane	4.98	56	2165	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9175	4.188	ug/l #	47
37) Ethyl Acetate	4.27	43	5146	2.140	ug/l #	66
38) Carbon Tetrachloride	4.98	117	11293	6.181	ug/l #	17
43) Isopropyl Acetate	5.55	43	9262	2.511	ug/l	96
45) 1,2-Dichloropropane	6.70	63	814	0.451	ug/l #	43
48) Methyl methacrylate	6.70	41	53051	29.536	ug/l #	36
51) 4-Methyl-2-Pentanone	7.56	43	4483	1.786	ug/l	91
52) Toluene	7.64	92	1204	0.289	ug/l	86
54) cis-1,3-Dichloropropene	7.42	75	21195	7.688	ug/l #	59
57) 1,3-Dichloropropane	8.41	76	4567	1.602	ug/l #	42
59) 2-Hexanone	8.31	43	6347	3.221	ug/l #	21
68) m/p-Xylenes	9.38	106	905	0.307	ug/l	100
76) 1,2,3-Trichloropropane	10.30	75	43071	20.679	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.77	105	1435	0.273	ug/l	92
81) trans-1,4-Dichloro-2-buten	10.30	75	43071	53.332	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	3856	0.735	ug/l	93
89) n-Butylbenzene	11.89	91	987	0.207	ug/l #	54
90) Hexachloroethane	12.25	117	322	0.359	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.50	180	398	0.206	ug/l #	64
95) Naphthalene	13.74	128	82057	12.474	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	279	0.913	ug/l	92

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Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration

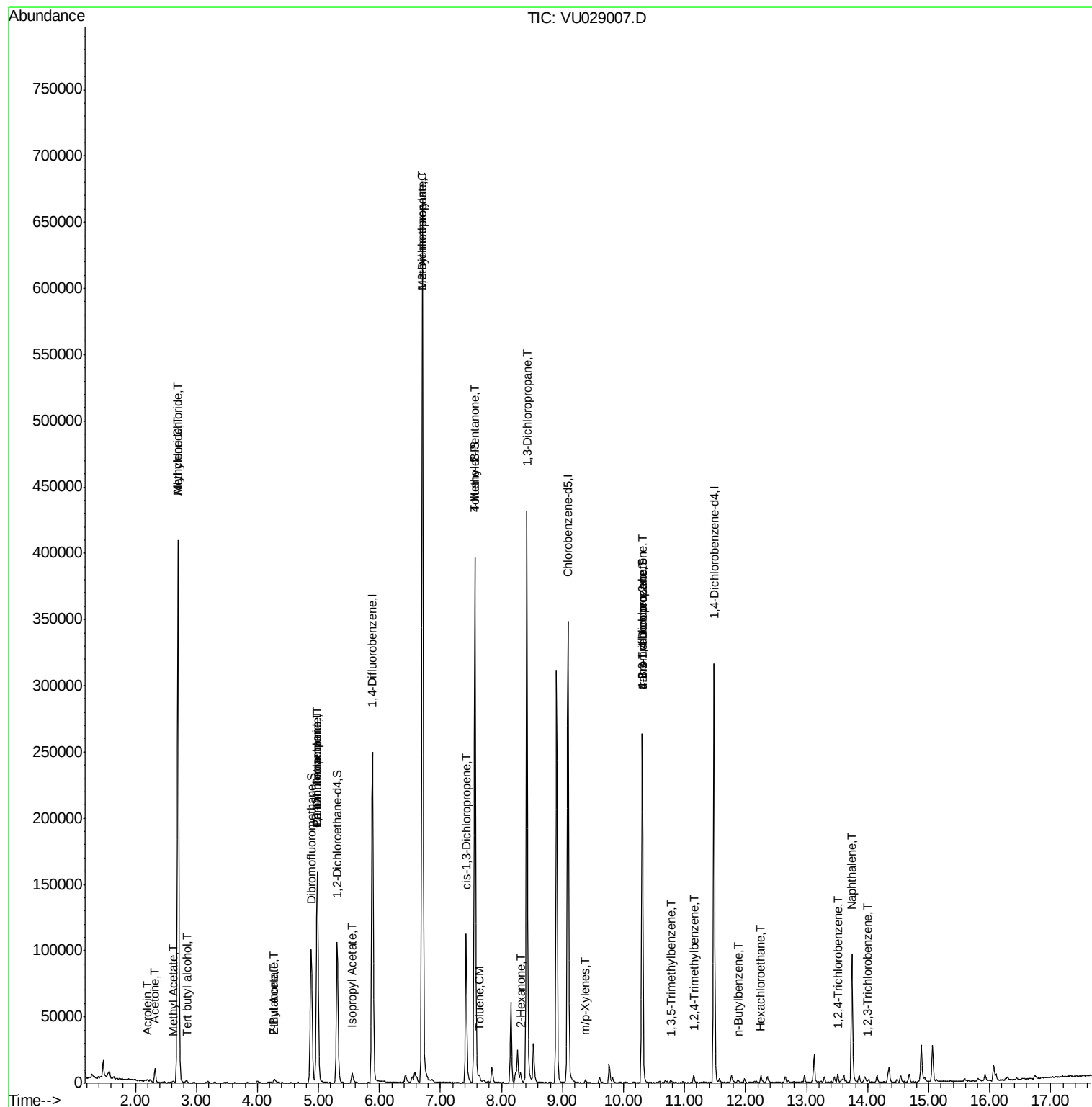
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

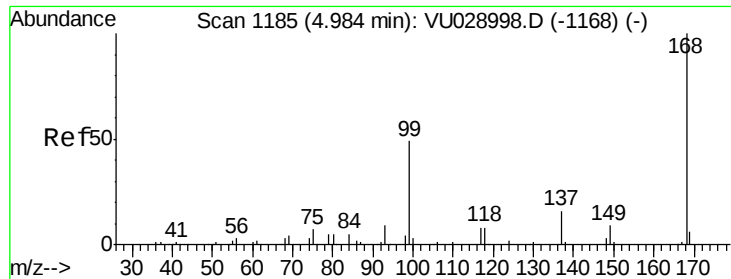
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

Instrument :

MSVOA_U

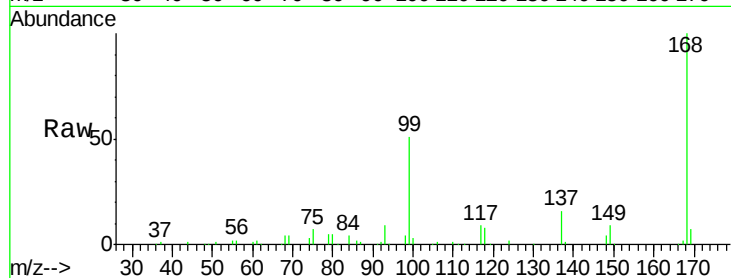
ClientSampleId :

Tot Ion:168 Resp: 130673

Ion Ratio Lower Upper

168 100

99 51.3 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

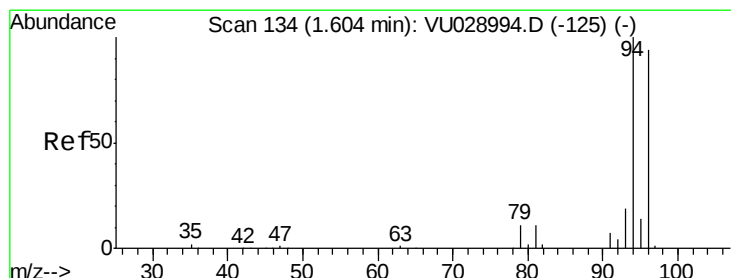
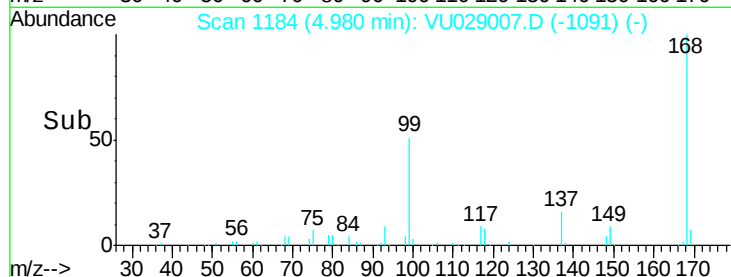
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 139

Delta R.T. 0.02 min

Lab File: VU029007.D

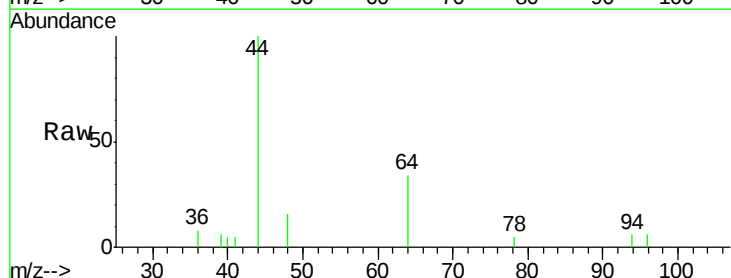
Acq: 03 Jan 2019 19:13

Tgt Ion: 94 Resp: 146

Ion Ratio Lower Upper

94 100

96 96.3 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

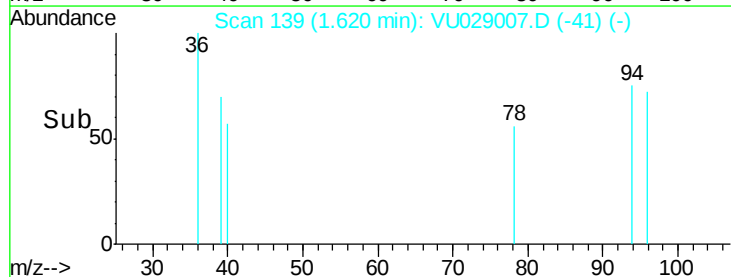
100

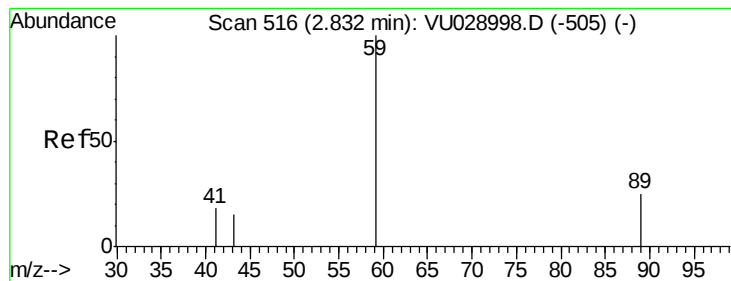
50

0

1.60 1.62 1.64

Time-->



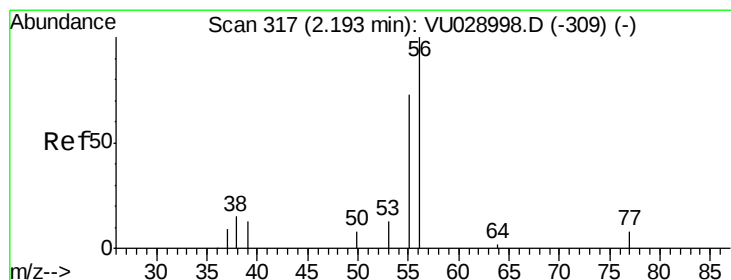
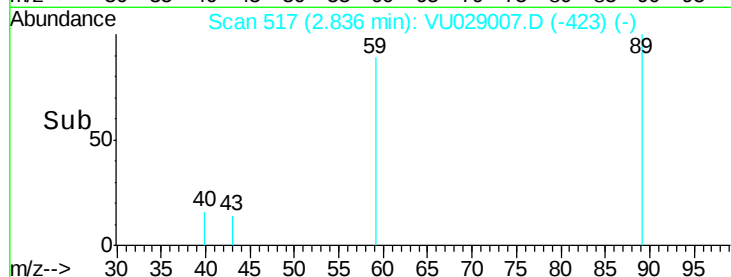
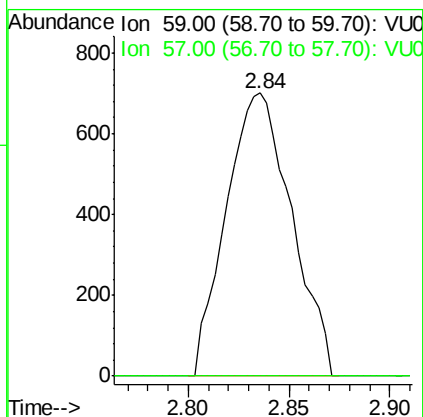
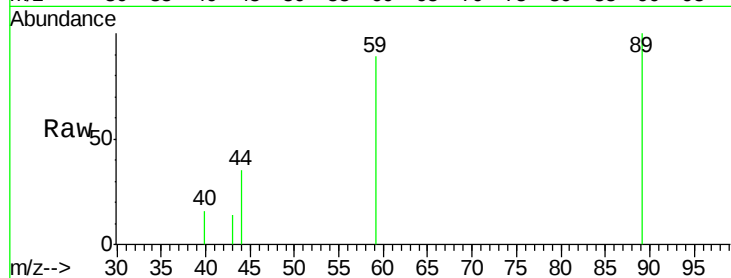


#11

Tert butvl alcohol
 Concen: 3.853 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

Instrument :
 MSVOA_U
 ClientSampled :

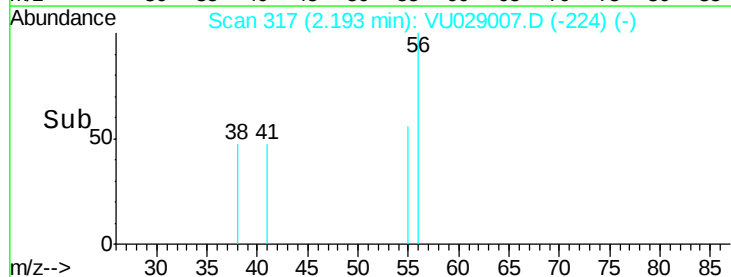
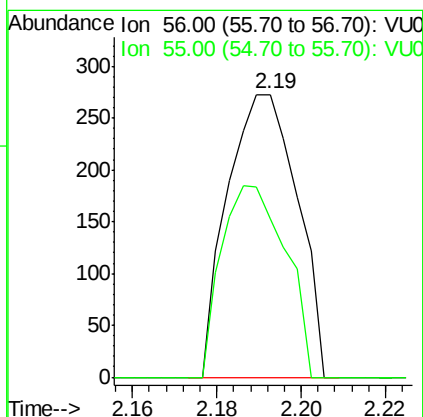
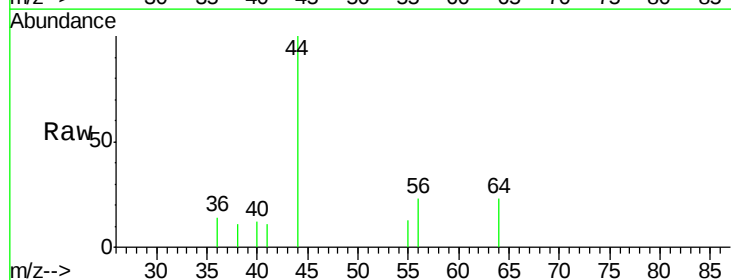
Tot Ion: 59 Resp: 1582
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

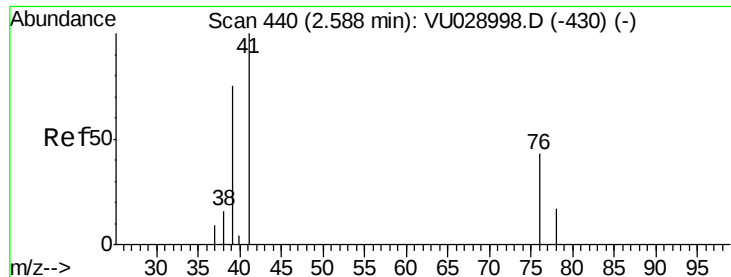


#13

Acrolein
 Concen: 1.015 ug/l
 RT: 2.19 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

Tgt Ion: 56 Resp: 313
 Ion Ratio Lower Upper
 56 100
 55 62.3 56.5 84.7

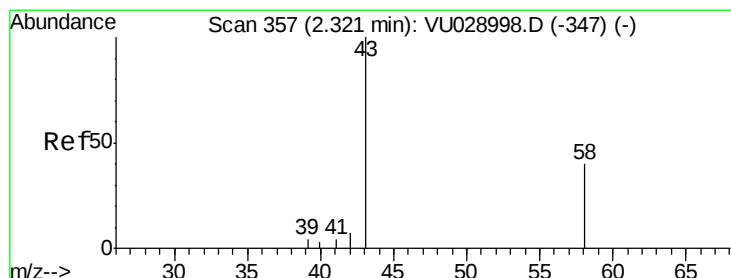
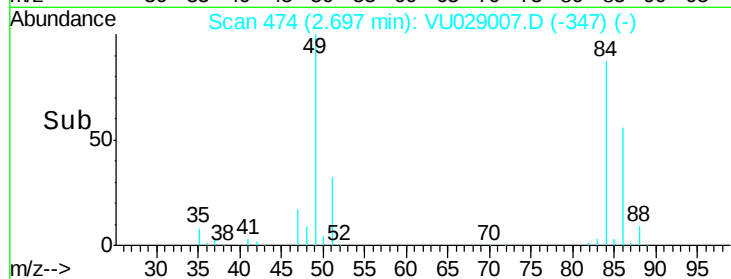
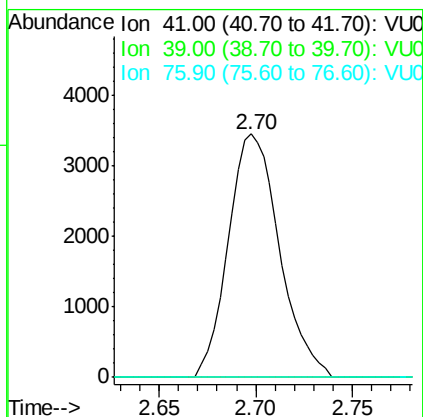
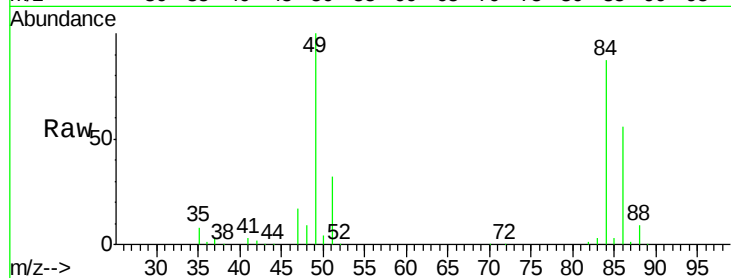




#14
Allvl chloride
Concen: 2.545 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.11 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

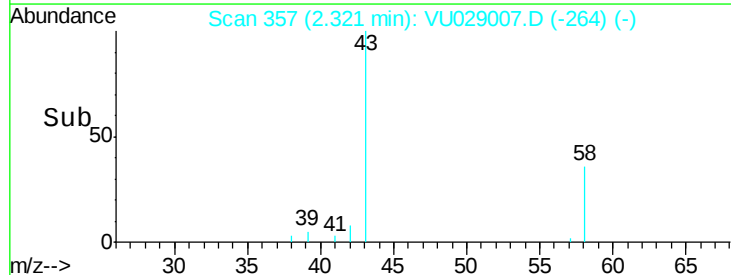
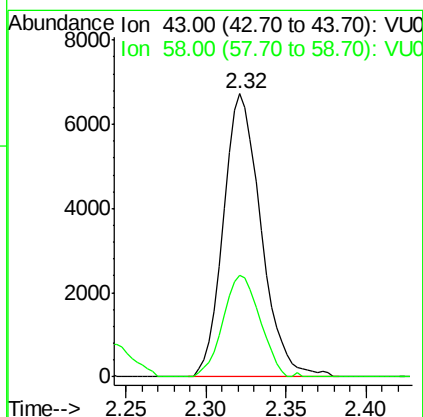
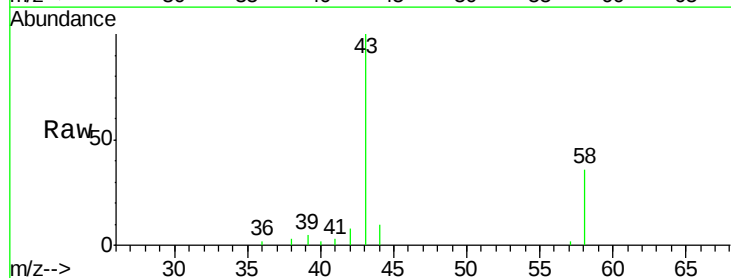
Instrument :
MSVOA_U
ClientSampleId :

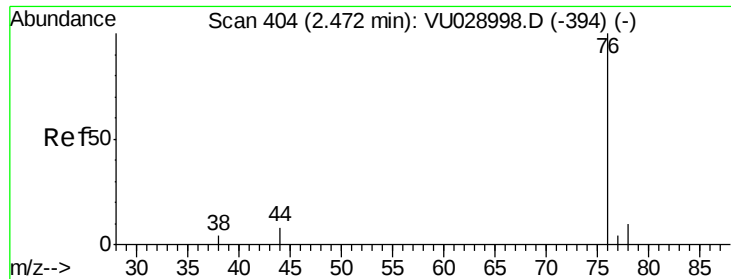
Tot Ion: 41 Resp: 6328
Ion Ratio Lower Upper
41 100
39 0.0 45.0 67.6#
76 0.0 28.1 42.1#



#16
Acetone
Concen: 10.662 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Tgt Ion: 43 Resp: 10850
Ion Ratio Lower Upper
43 100
58 36.0 28.6 42.8

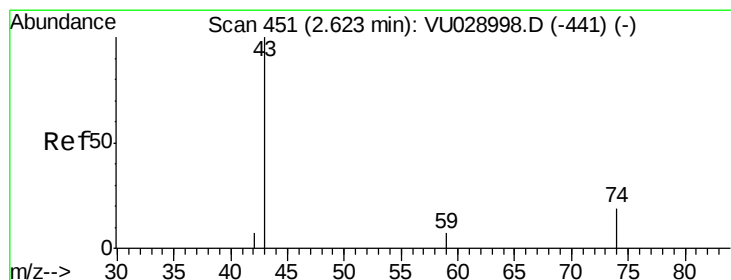
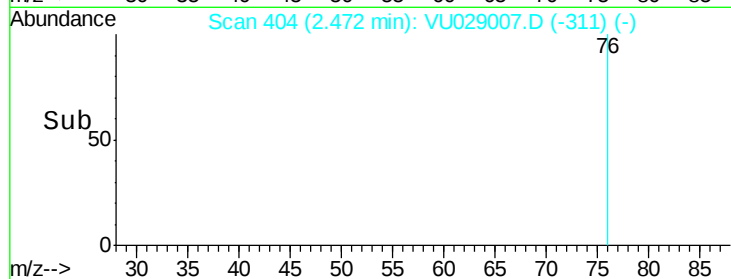
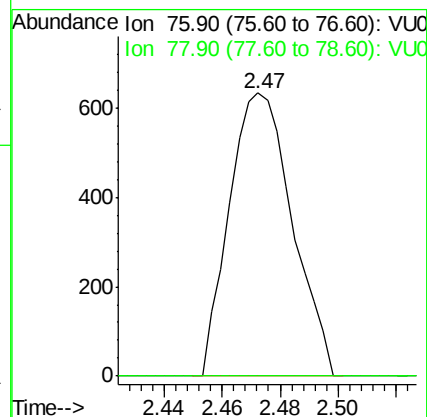
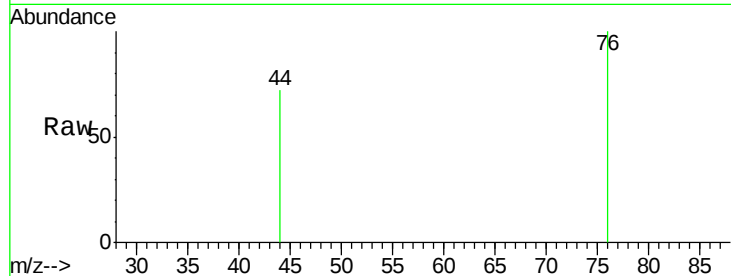




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.47 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

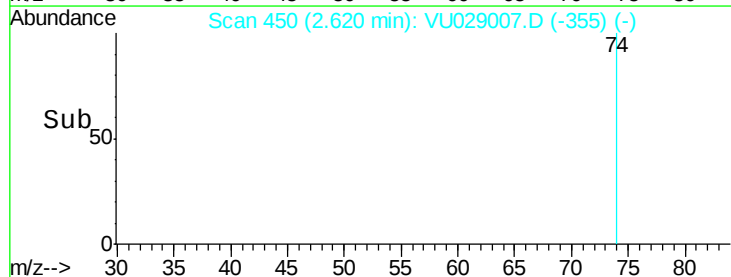
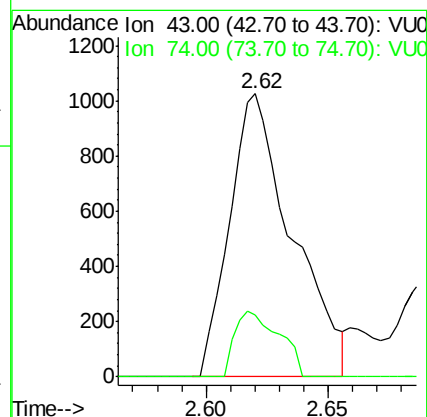
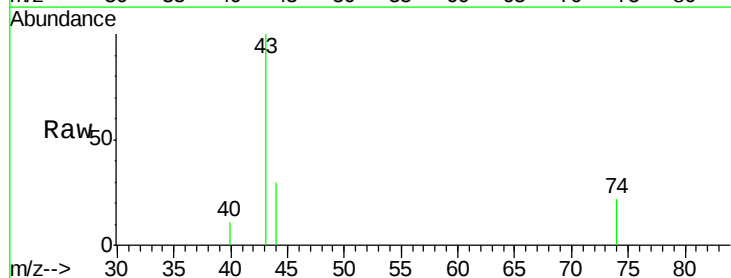
Instrument :
MSVOA_U
ClientSampleId :

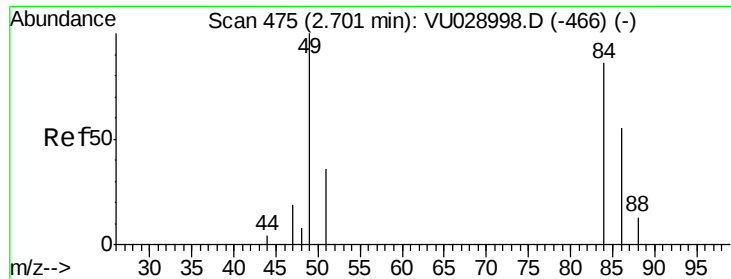
Tot Ion: 76 Resp: 953
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.771 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
74 16.4 19.5 29.3#



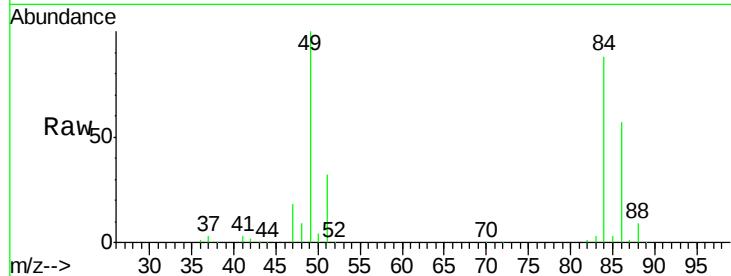


#20
Methvlene Chloride
Concen: 108.738 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

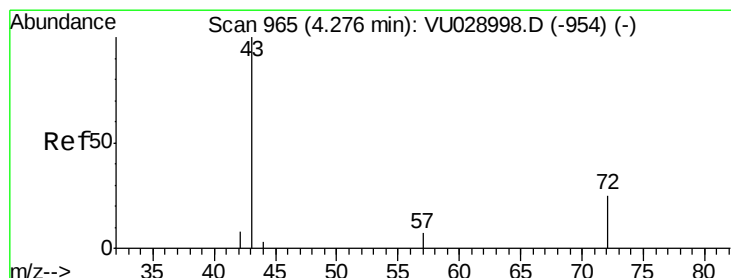
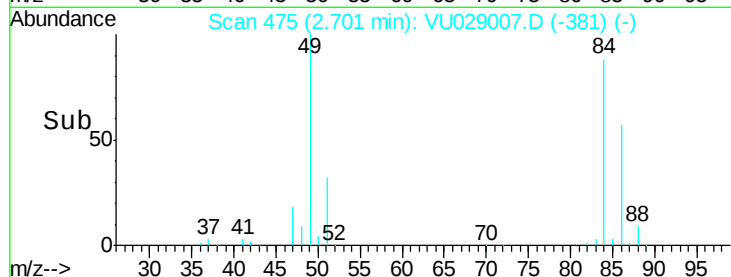
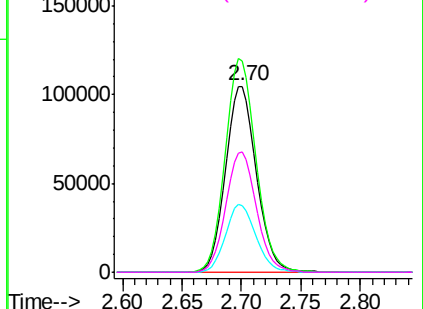
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 187874

Ion	Ratio	Lower	Upper
84	100		
49	113.5	91.9	137.9
51	36.1	29.2	43.8
86	64.6	51.8	77.6



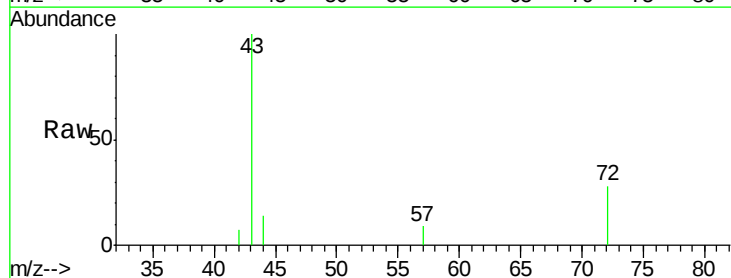
Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0



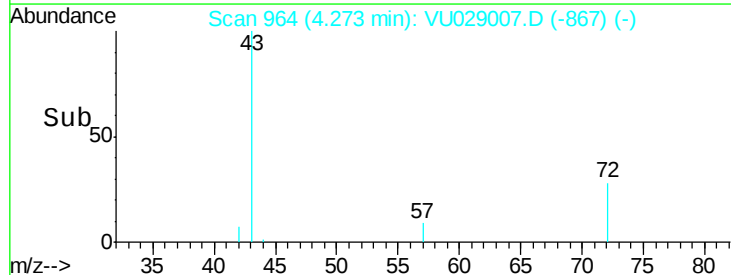
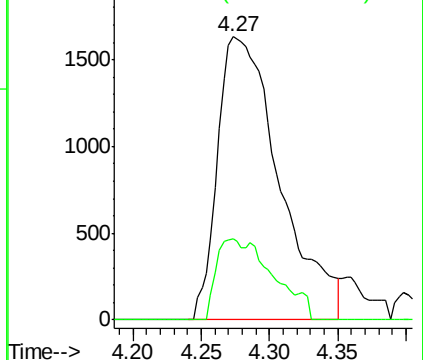
#25
2-Butanone
Concen: 3.744 ug/l
RT: 4.27 min Scan# 964
Delta R.T. 0.01 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

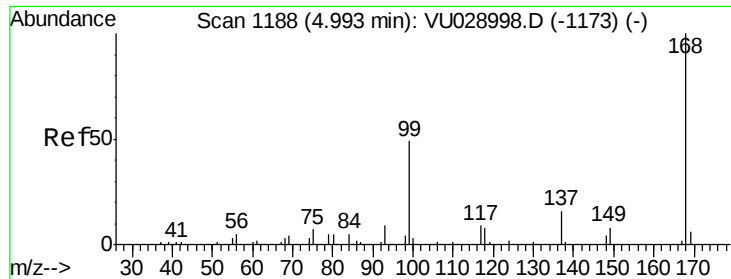
Tgt Ion: 43 Resp: 5146

Ion	Ratio	Lower	Upper
43	100		
72	28.5	22.6	33.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0

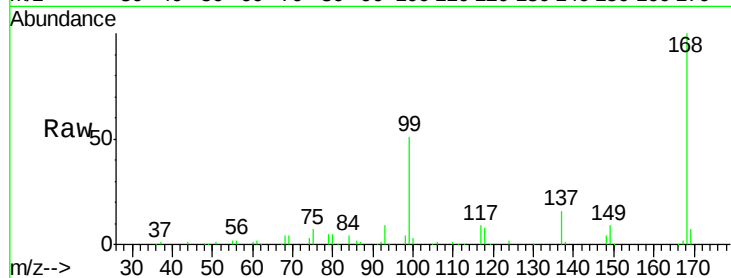




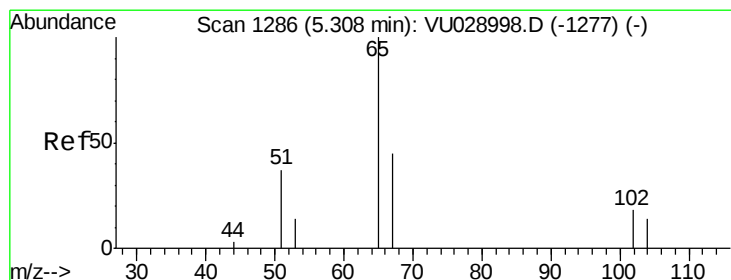
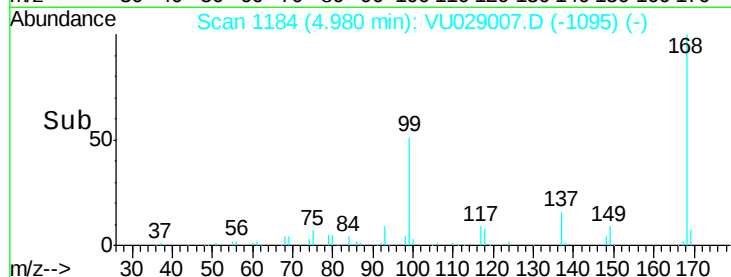
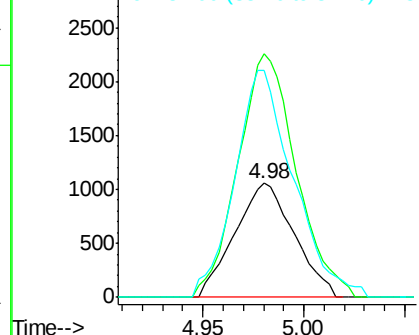
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 2165
Ion Ratio Lower Upper
56 100
69 213.9 26.7 40.1#
84 199.2 65.7 98.5#

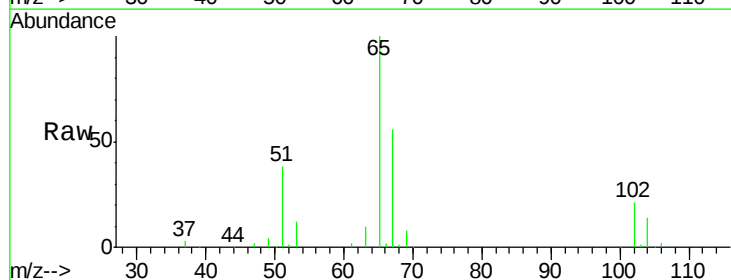


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

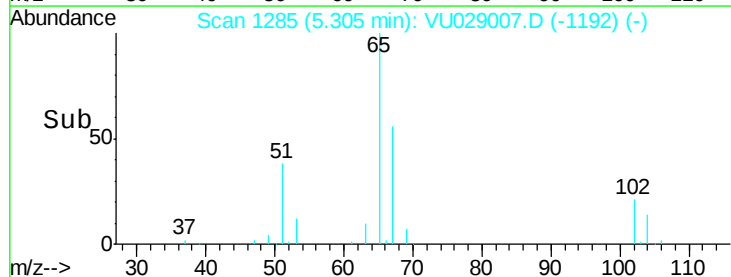
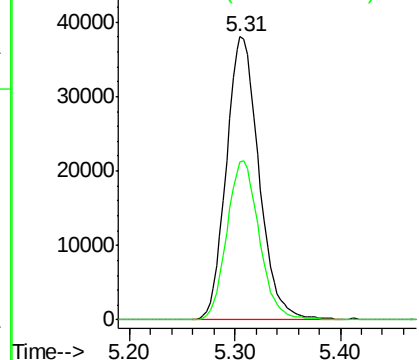


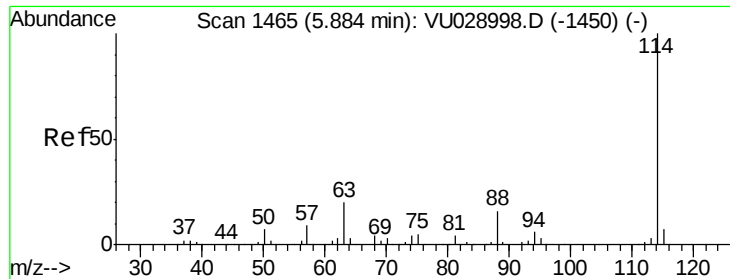
#33
1,2-Dichloroethane-d4
Concen: 50.455 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Tgt Ion: 65 Resp: 81504
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.0



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

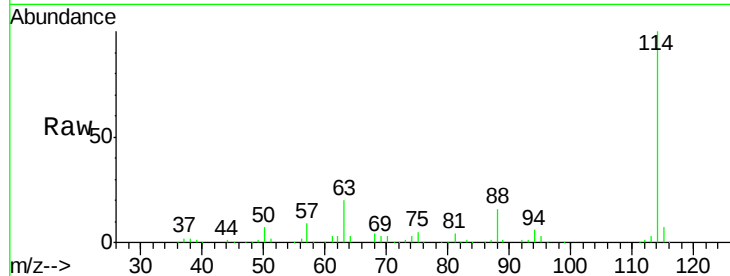




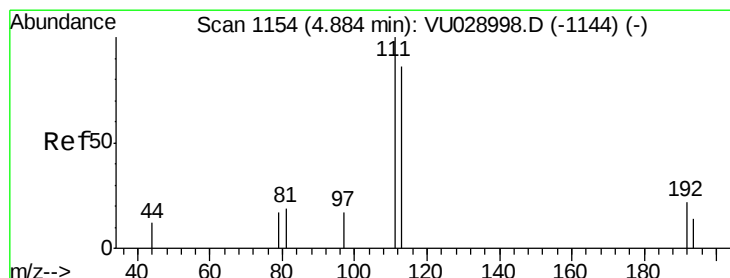
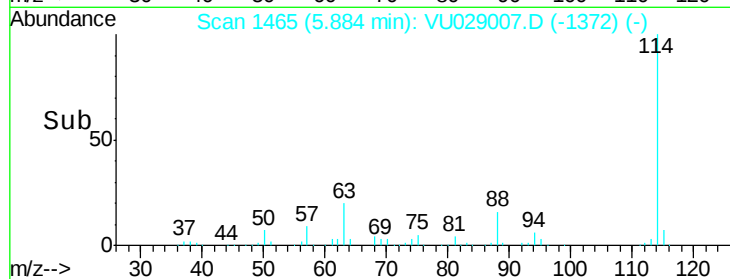
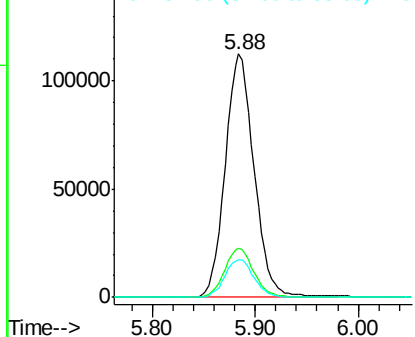
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.2
88	15.6	0.0	30.4

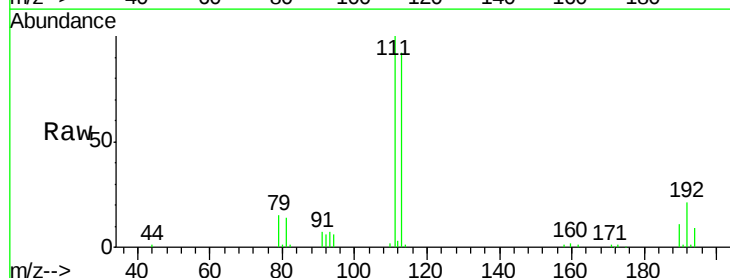


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

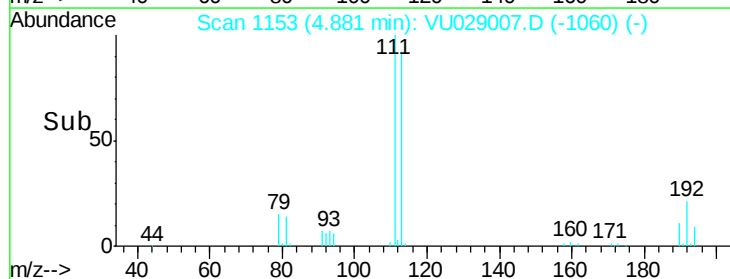
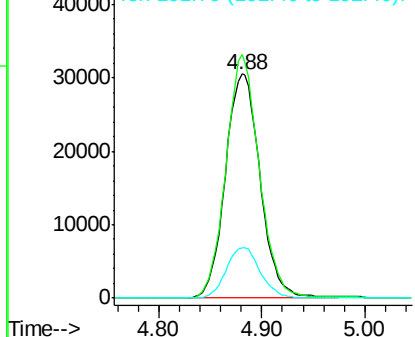


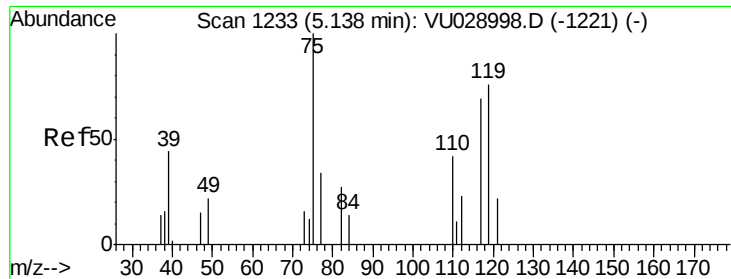
#35
 Dibromofluoromethane
 Concen: 50.366 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	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

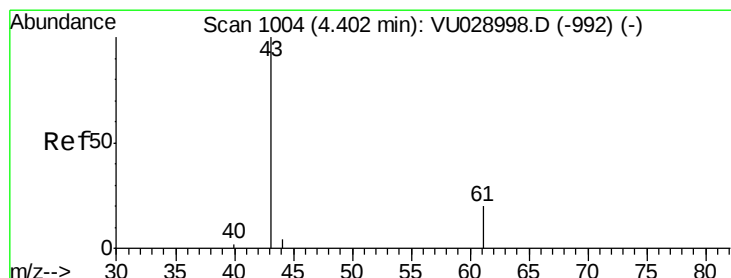
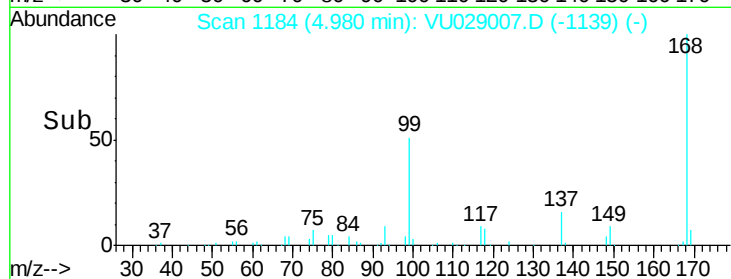
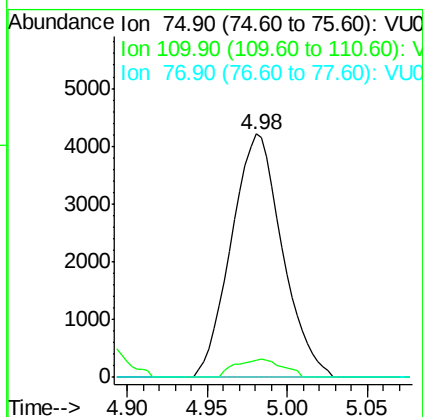
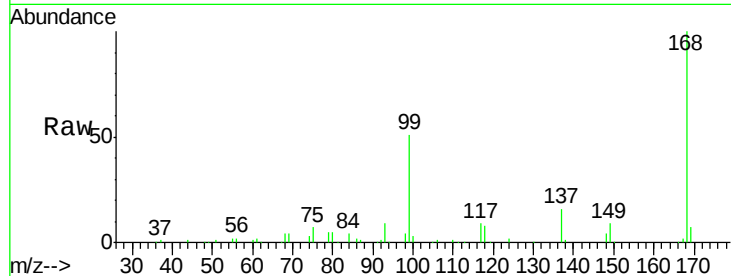




#36
 1,1-Dichloropropene
 Concen: 4.188 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

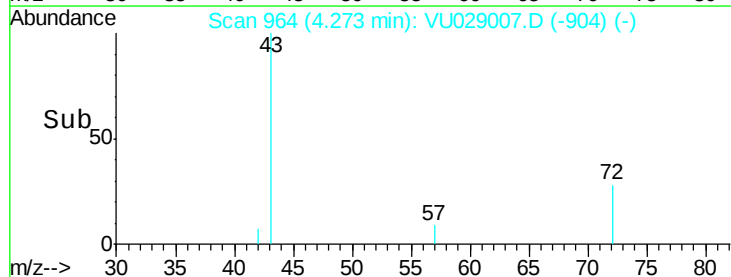
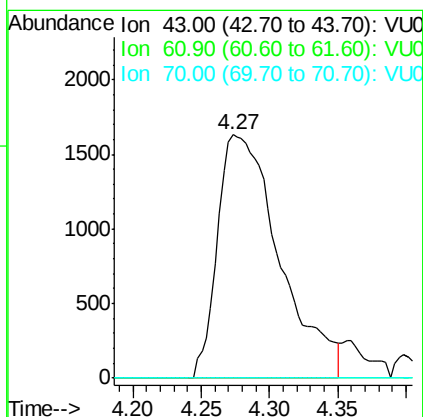
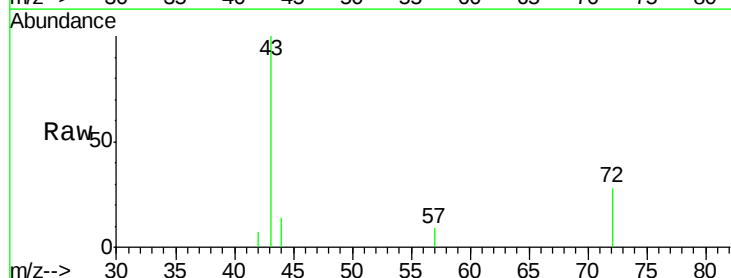
Instrument :
 MSVOA_U
 ClientSampleId :

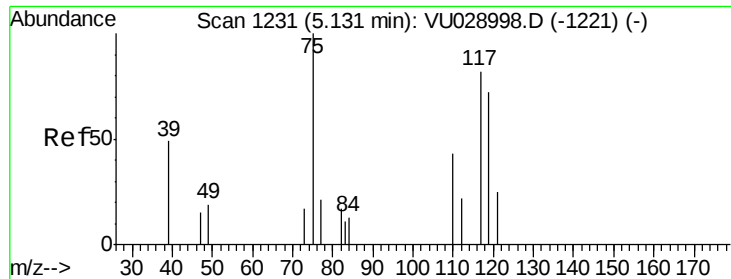
Tot Ion: 75 Resp: 9175
 Ion Ratio Lower Upper
 75 100
 110 6.9 18.4 55.4#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 2.140 ug/l
 RT: 4.27 min Scan# 964
 Delta R.T. -0.11 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

Tgt Ion: 43 Resp: 5146
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.6 18.8#
 70 0.0 9.3 13.9#

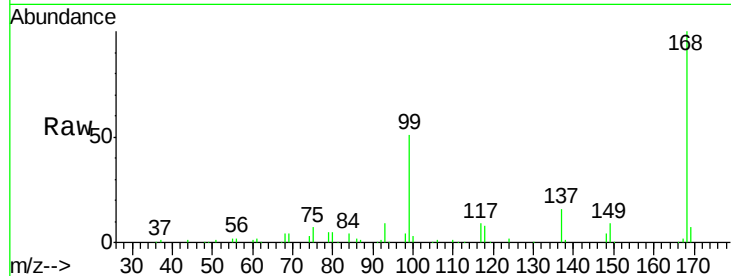




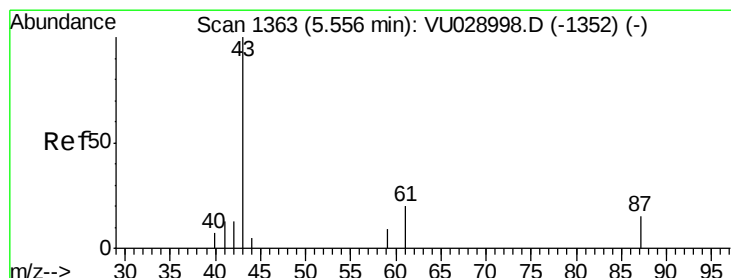
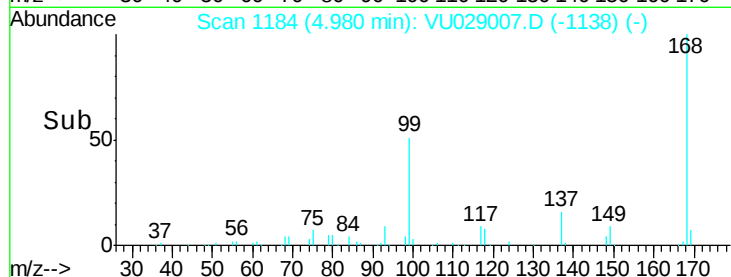
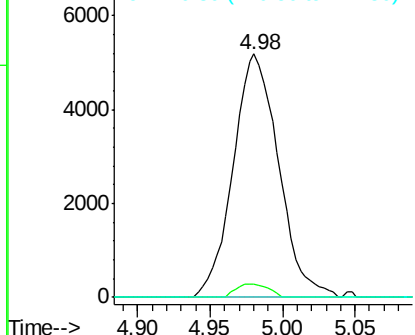
#38
Carbon Tetrachloride
Concen: 6.181 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 11293
Ion Ratio Lower Upper
117 100
119 5.2 74.6 111.8#
121 0.0 25.0 37.6#

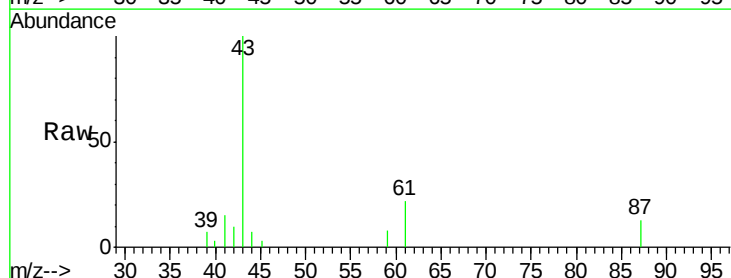


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

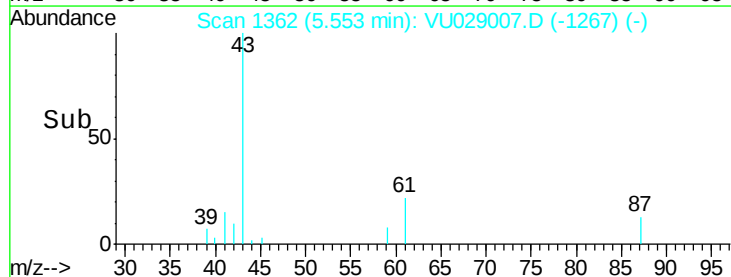
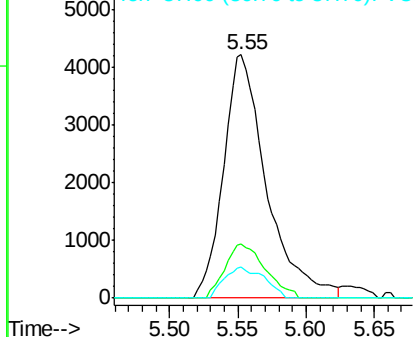


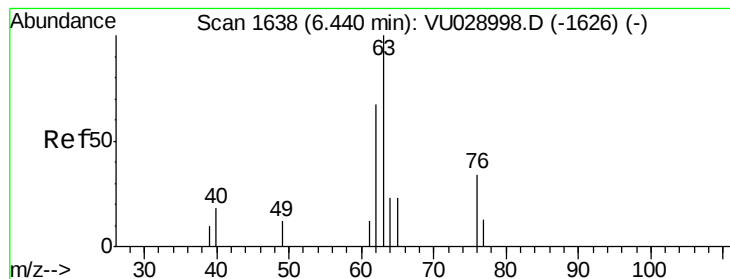
#43
Isopropyl Acetate
Concen: 2.511 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Tgt Ion: 43 Resp: 9262
Ion Ratio Lower Upper
43 100
61 20.8 17.8 26.6
87 11.7 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: 0.451 ug/l

RT: 6.70 min Scan# 1719

Delta R.T. 0.27 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

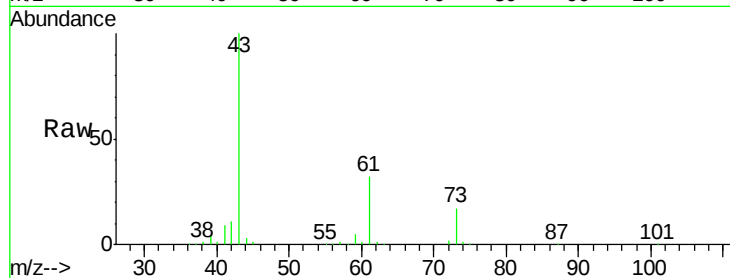
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 63 Resp: 814

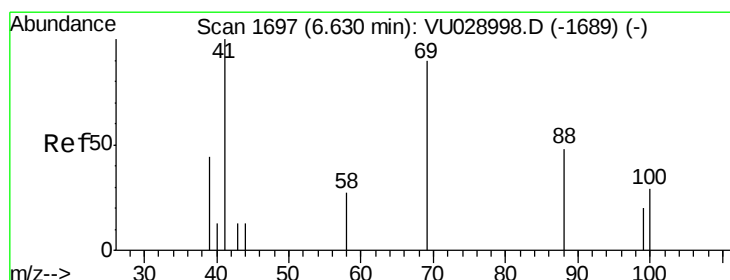
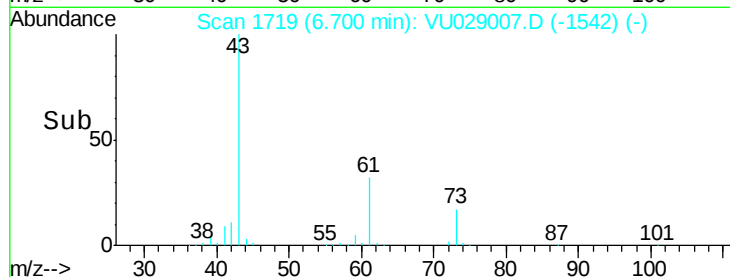
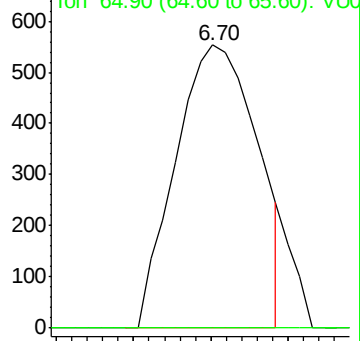
Ion Ratio Lower Upper

63 100

65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU028998.D (-1626) (-)



#48

Methyl methacrylate

Concen: 29.536 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.08 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

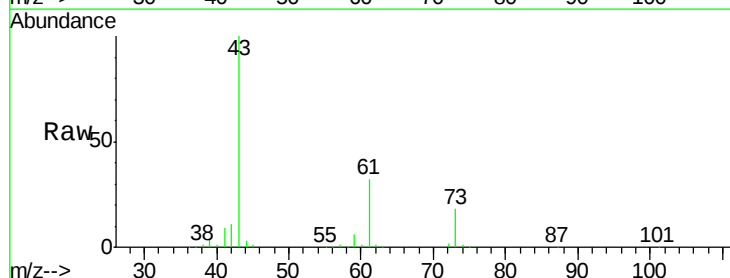
Tgt Ion: 41 Resp: 53051

Ion Ratio Lower Upper

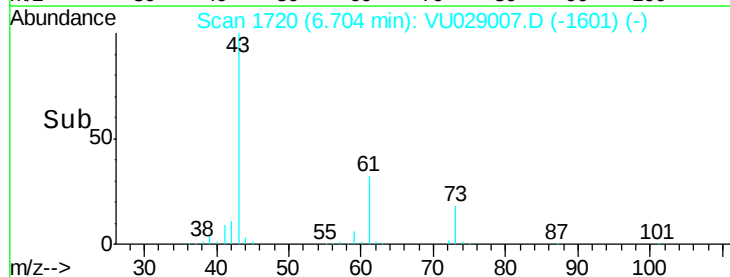
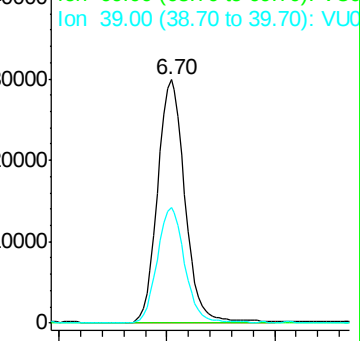
41 100

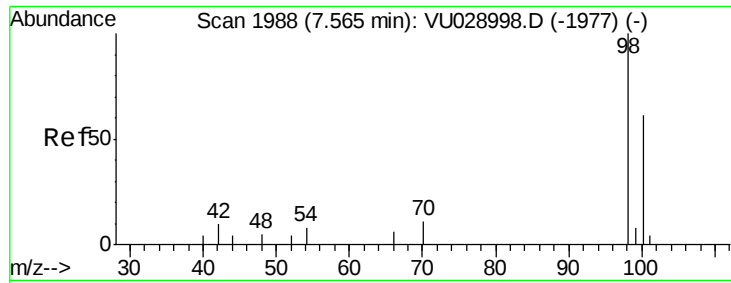
69 0.0 73.6 110.4#

39 47.8 39.6 59.4



Abundance Ion 41.00 (40.70 to 41.70): VU028998.D (-1689) (-)

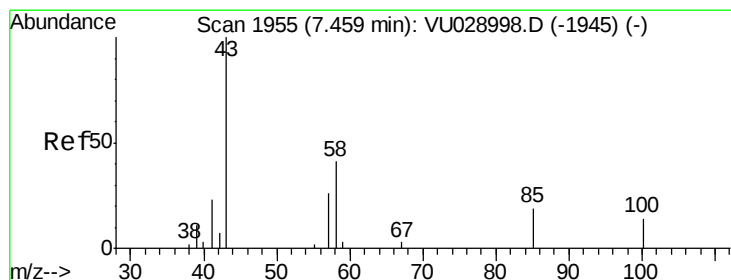
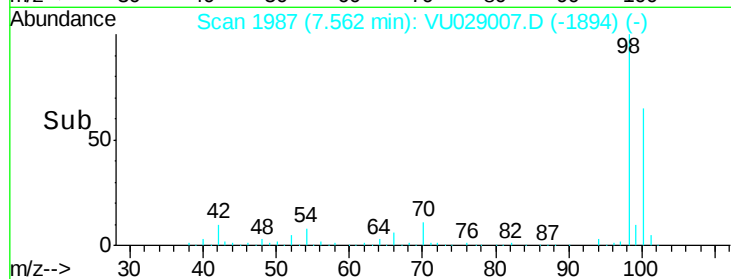
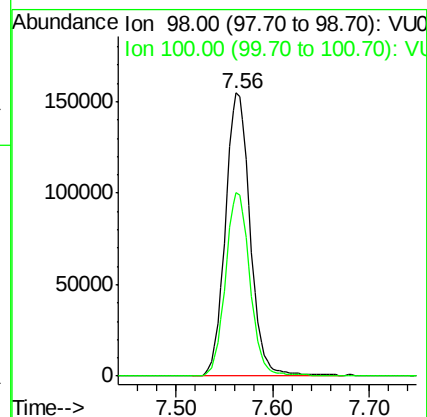
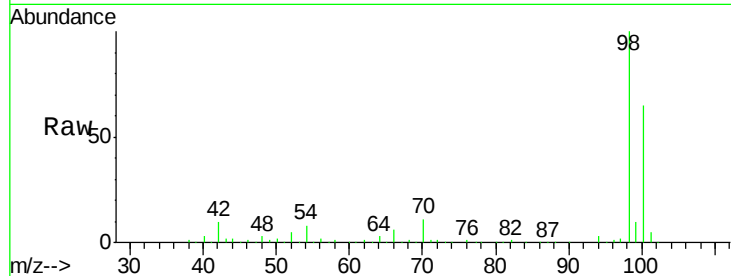




#50
Toluene-d8
Concen: 49.118 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

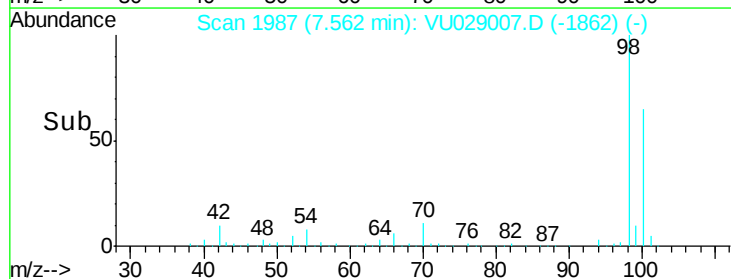
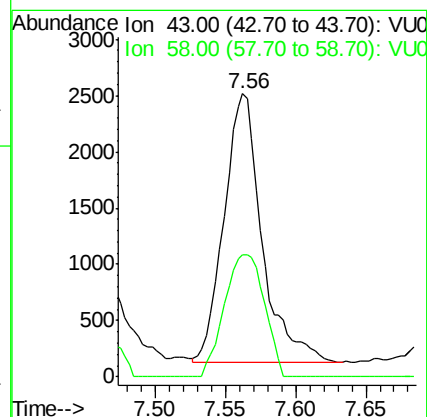
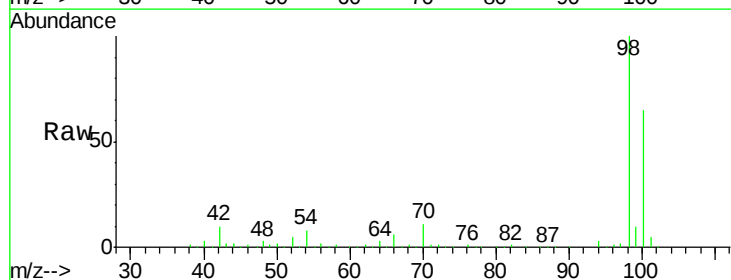
Instrument :
MSVOA_U
ClientSampleId :

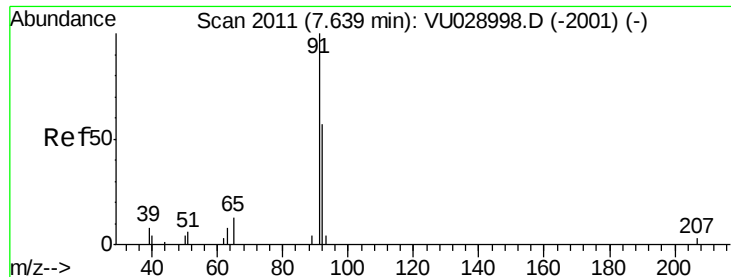
Tot Ion: 98 Resp: 275493
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.786 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.10 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Tgt Ion: 43 Resp: 4483
Ion Ratio Lower Upper
43 100
58 47.9 33.9 50.9





#52

Toluene

Concen: 0.289 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

Instrument :

MSVOA_U

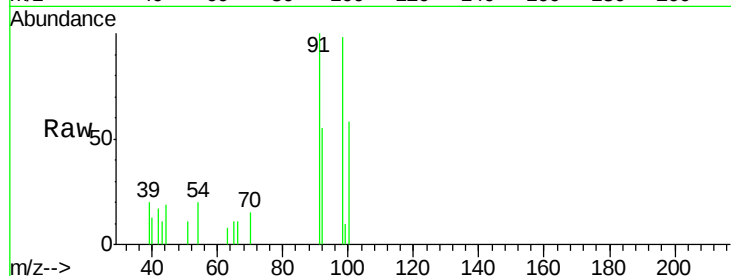
ClientSampleId :

Tot Ion: 92 Resp: 1204

Ion Ratio Lower Upper

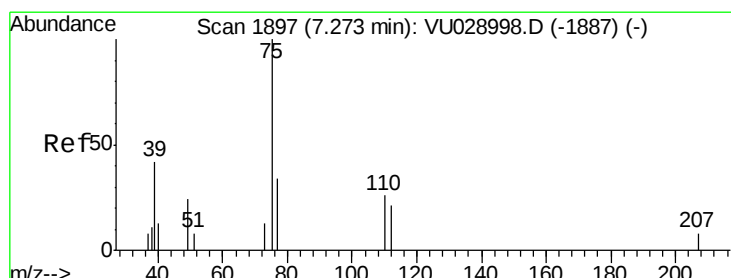
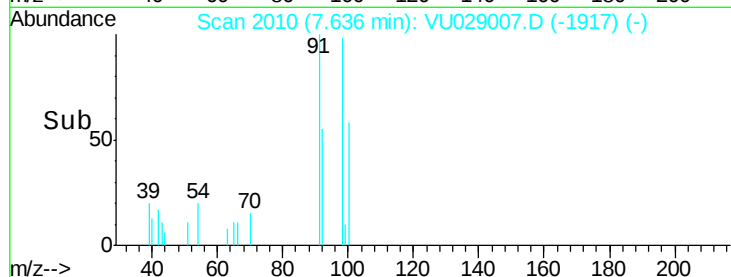
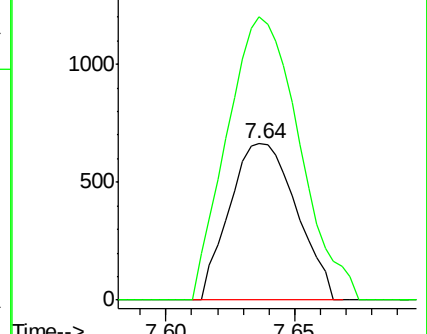
92 100

91 194.9 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU028998.D (-2001) (-)

Ion 91.00 (90.70 to 91.70): VU028998.D (-2001) (-)



#54

cis-1,3-Dichloropropene

Concen: 7.688 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. 0.15 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

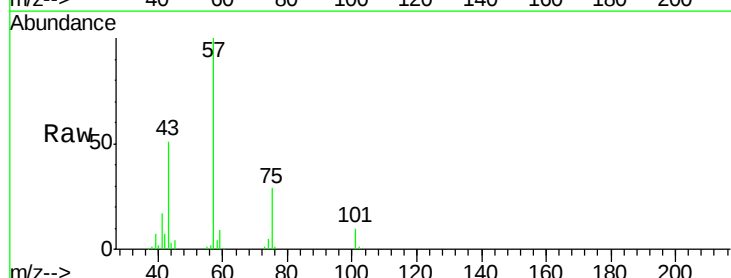
Tgt Ion: 75 Resp: 21195

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

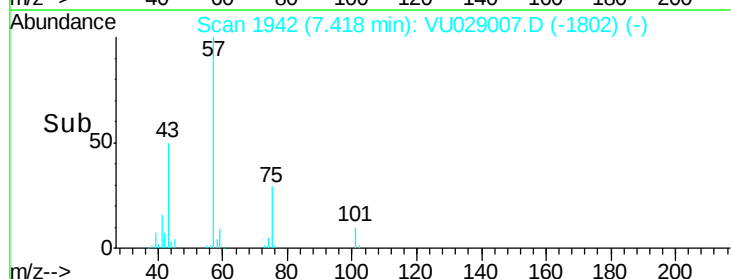
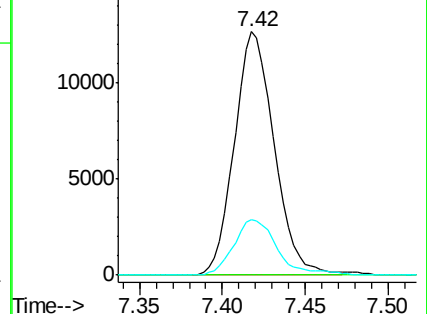
39 23.0 32.2 48.4#

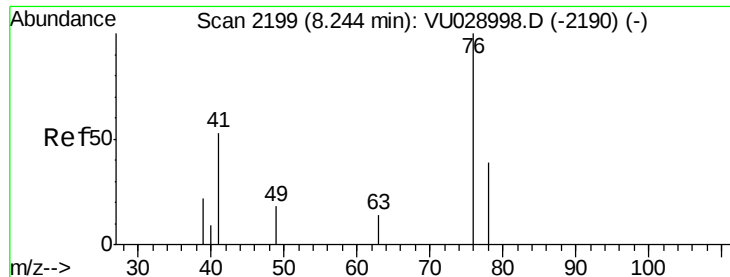


Abundance Ion 74.90 (74.60 to 75.60): VU028998.D (-1887) (-)

Ion 76.90 (76.60 to 77.60): VU028998.D (-1887) (-)

Ion 39.00 (38.70 to 39.70): VU028998.D (-1887) (-)

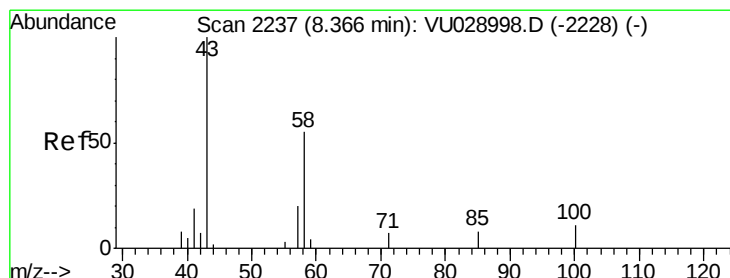
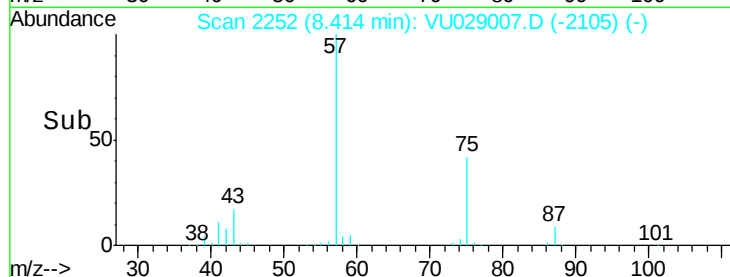
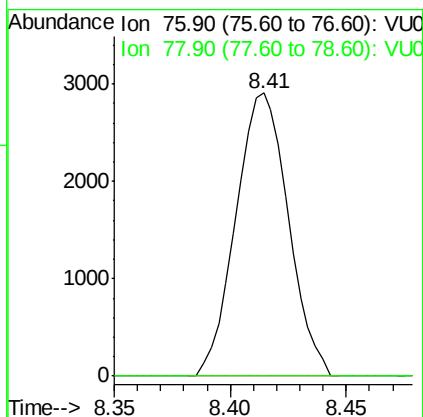
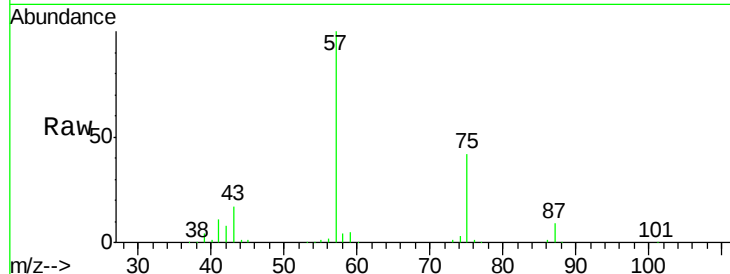




#57
 1,3-Dichloropropane
 Concen: 1.602 ug/l
 RT: 8.41 min Scan# 2252
 Delta R.T. 0.17 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

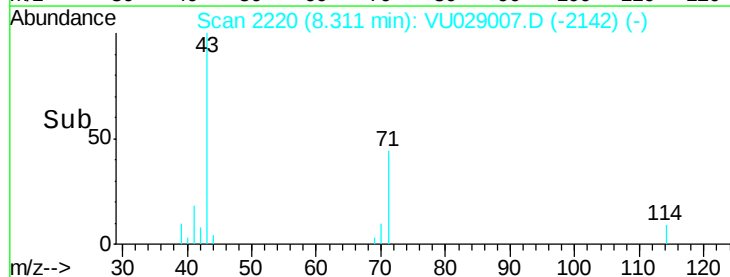
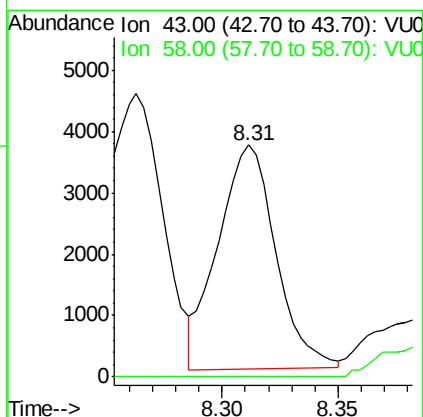
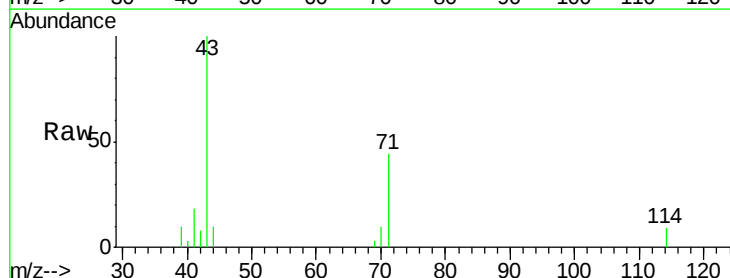
Instrument :
 MSVOA_U
 ClientSampleId :

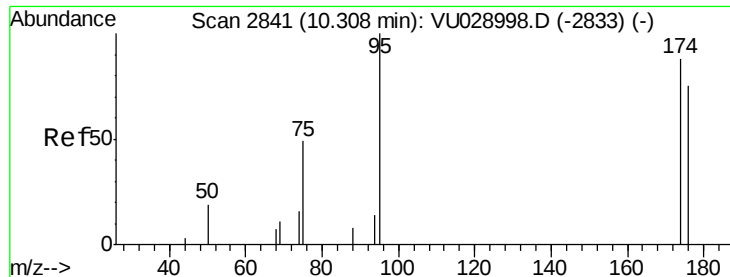
Tot Ion: 76 Resp: 4567
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 3.221 ug/l
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

Tgt Ion: 43 Resp: 6347
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 89.4#

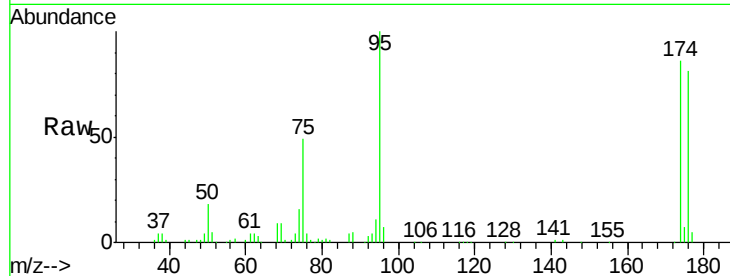




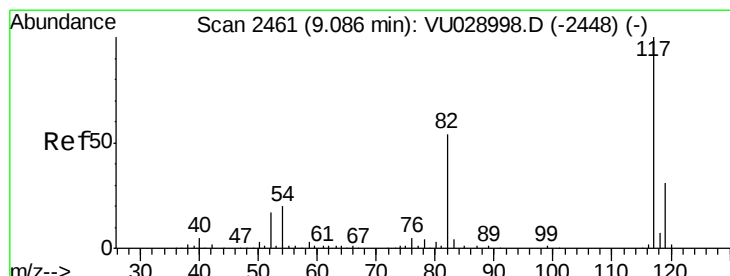
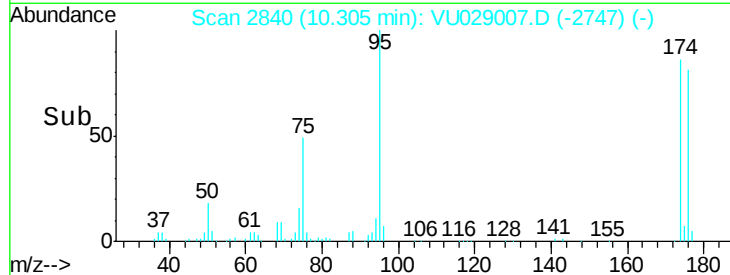
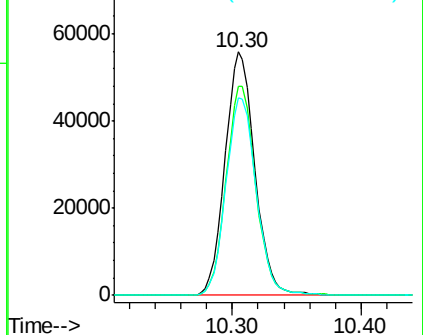
#62
4-Bromofluorobenzene
Concen: 44.350 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 89397
Ion Ratio Lower Upper
95 100
174 85.7 0.0 170.6
176 82.6 0.0 165.0

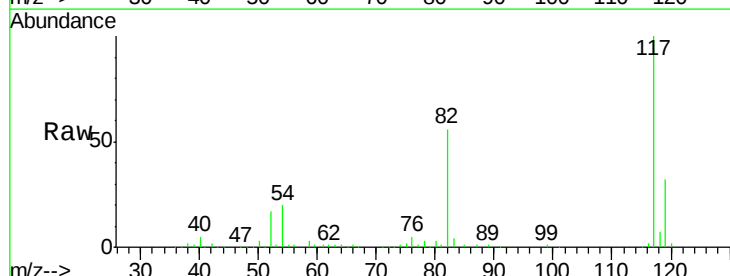


Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)
Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)
Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)

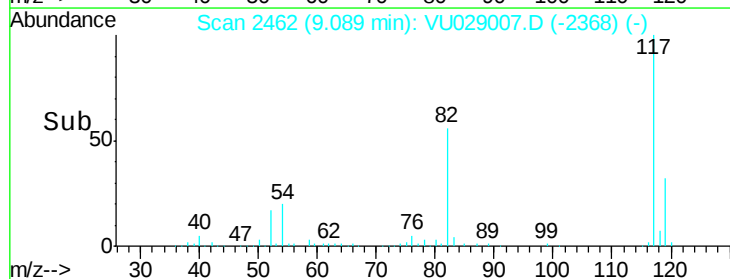
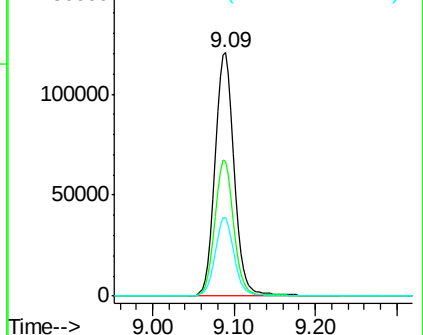


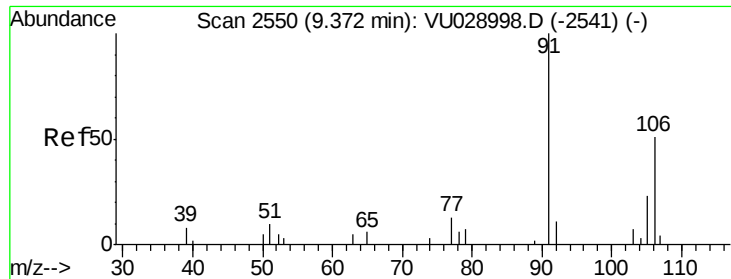
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Tgt Ion: 117 Resp: 202560
Ion Ratio Lower Upper
117 100
82 55.5 43.9 65.9
119 32.2 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) (-)

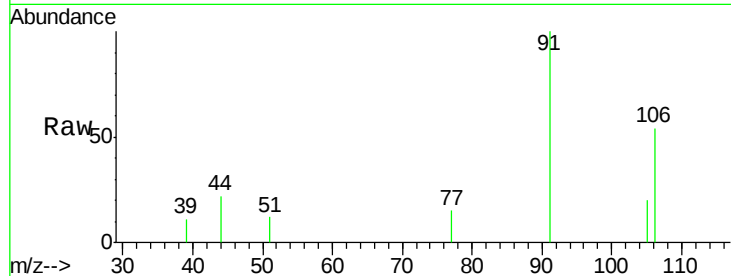




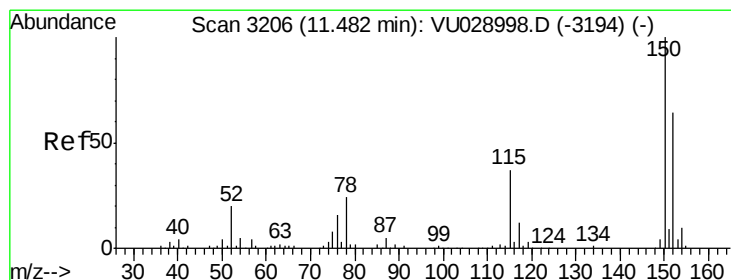
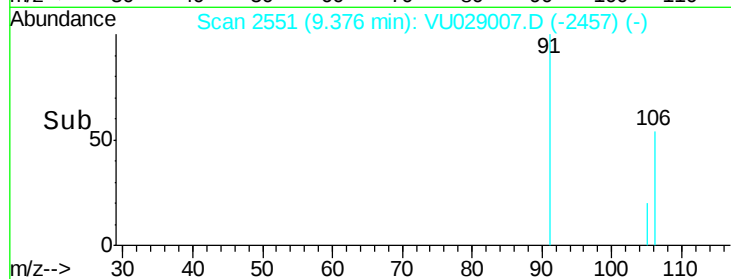
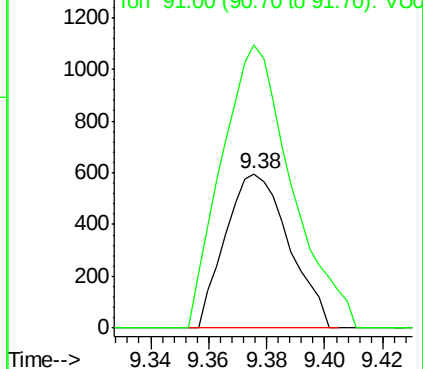
#68
m/p-Xvlenes
Concen: 0.307 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 905
Ion Ratio Lower Upper
106 100
91 202.5 161.7 242.5

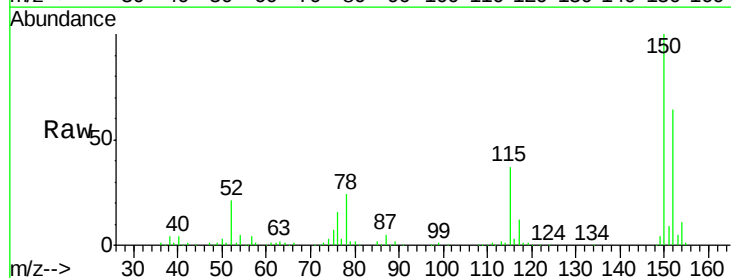


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

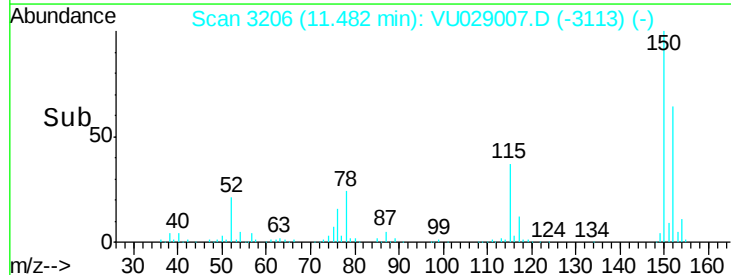
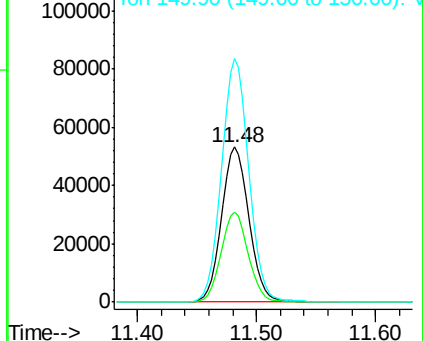


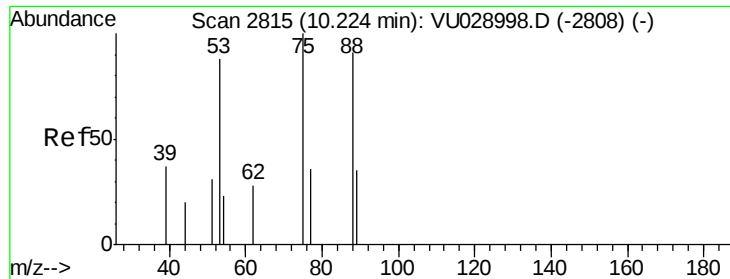
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Tgt Ion:152 Resp: 85009
Ion Ratio Lower Upper
152 100
115 57.4 40.1 120.3
150 156.0 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: 20.679 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

Instrument :

MSVOA_U

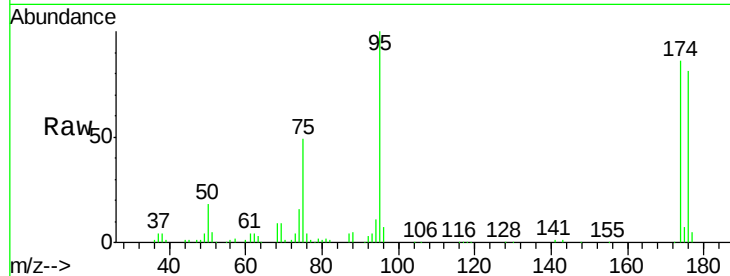
ClientSampled :

Tot Ion: 75 Resp: 43071

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.8#

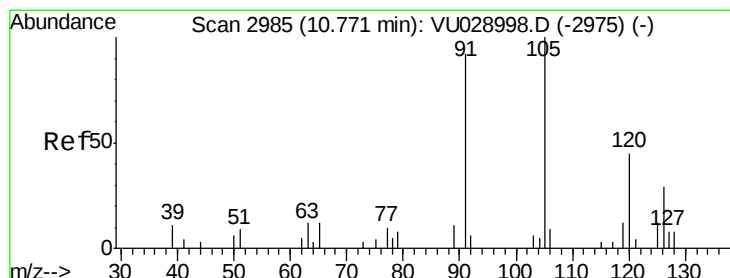
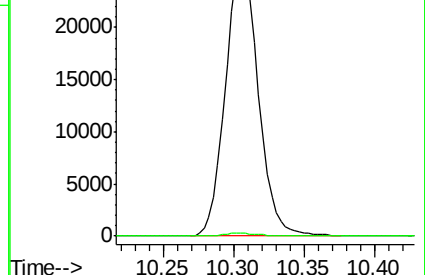
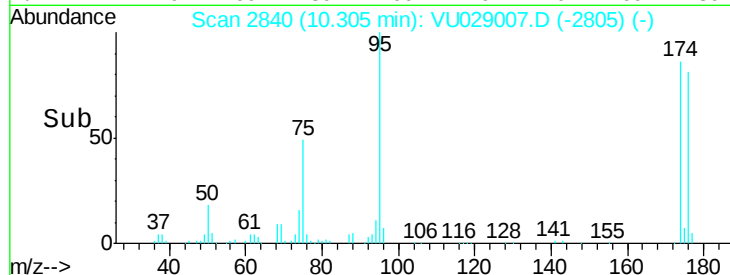


Abundance Ion 74.90 (74.60 to 75.60): VU028998.D (-2808) (-)

Ion 77.00 (76.70 to 77.70): VU028998.D (-2808) (-)

10.30

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.273 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029007.D

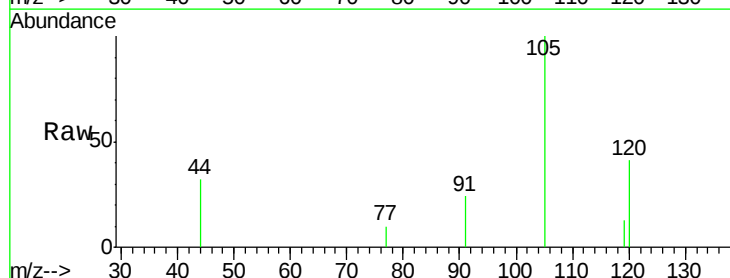
Acq: 03 Jan 2019 19:13

Tgt Ion: 105 Resp: 1435

Ion Ratio Lower Upper

105 100

120 55.0 24.8 74.4

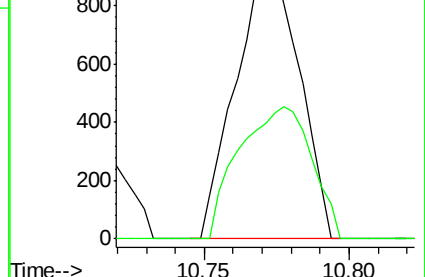
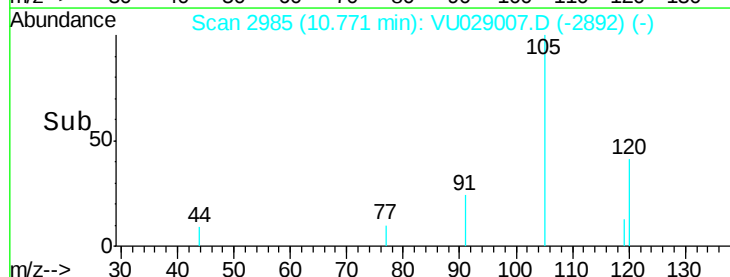


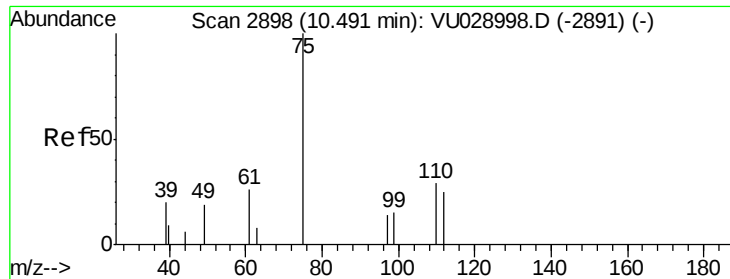
Abundance Ion 105.00 (104.70 to 105.70): VU028998.D (-2975) (-)

Ion 120.00 (119.70 to 120.70): VU028998.D (-2975) (-)

10.77

Time-->

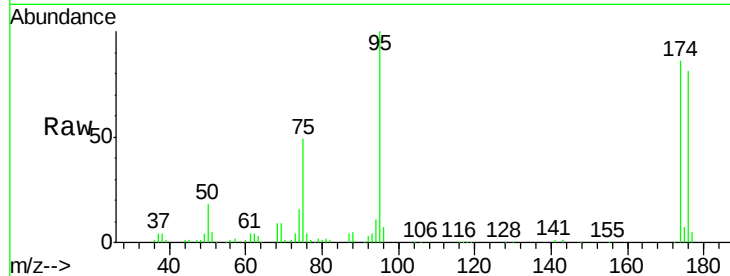




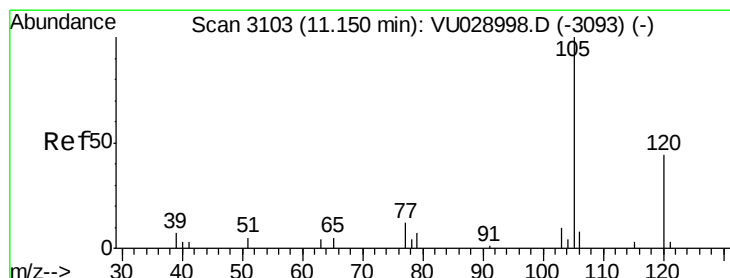
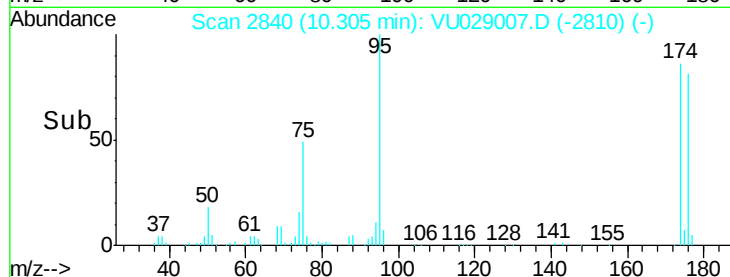
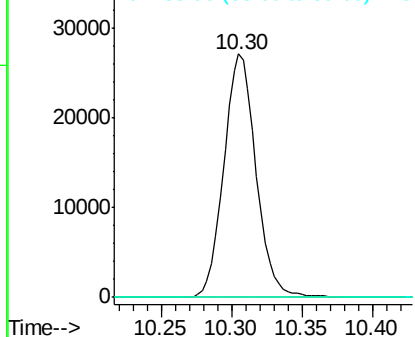
#81
trans-1,4-Dichloro-2-butene
Concen: 53.332 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 43071
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

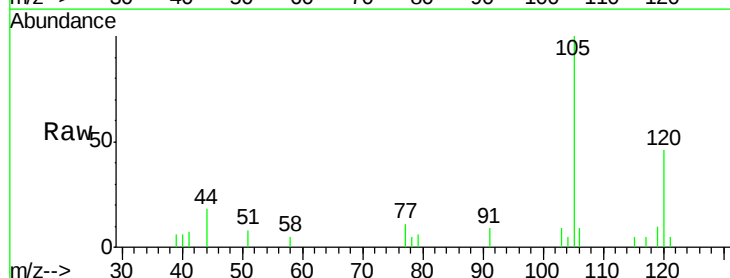


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

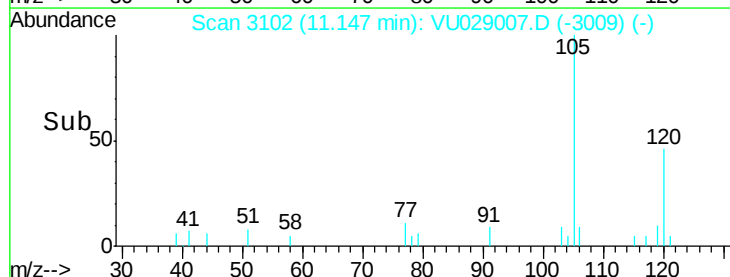
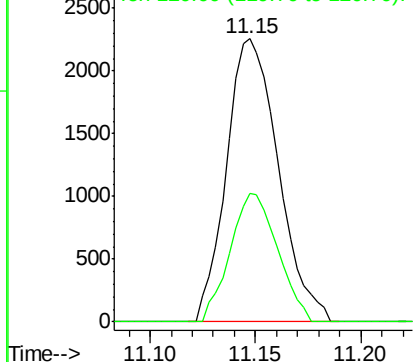


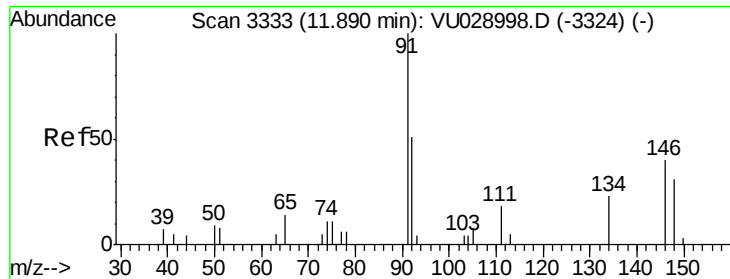
#84
1,2,4-Trimethylbenzene
Concen: 0.735 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU029007.D
Acq: 03 Jan 2019 19:13

Tgt Ion: 105 Resp: 3856
Ion Ratio Lower Upper
105 100
120 41.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.207 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

Instrument :

MSVOA_U

ClientSampled :

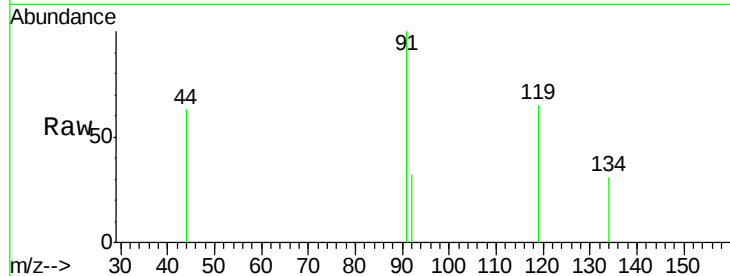
Tot Ion: 91 Resp: 987

Ion Ratio Lower Upper

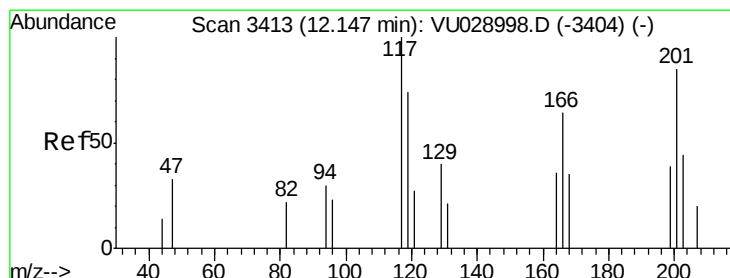
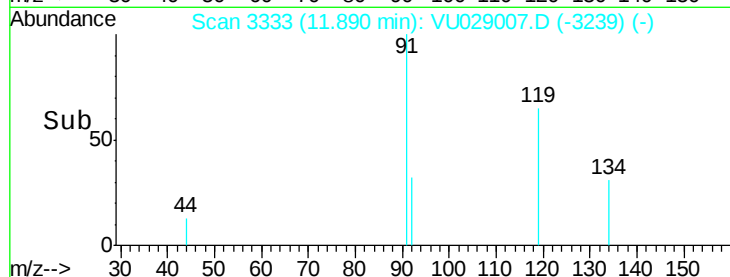
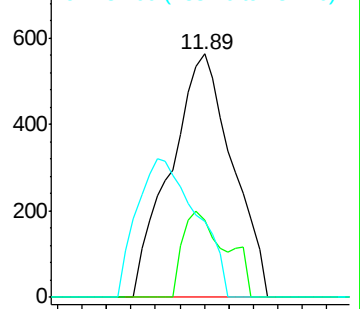
91 100

92 24.5 26.2 78.5#

134 54.9 12.6 37.6#



Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-3324) (-)



#90

Hexachloroethane

Concen: 0.359 ug/l

RT: 12.25 min Scan# 3445

Delta R.T. 0.11 min

Lab File: VU029007.D

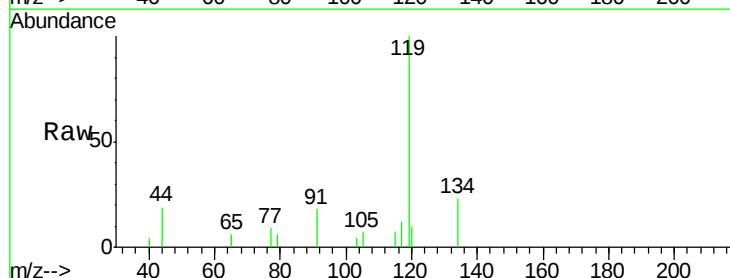
Acq: 03 Jan 2019 19:13

Tgt Ion: 117 Resp: 322

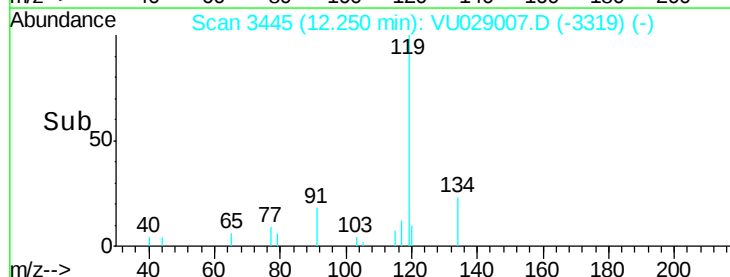
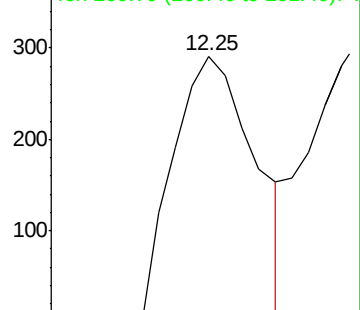
Ion Ratio Lower Upper

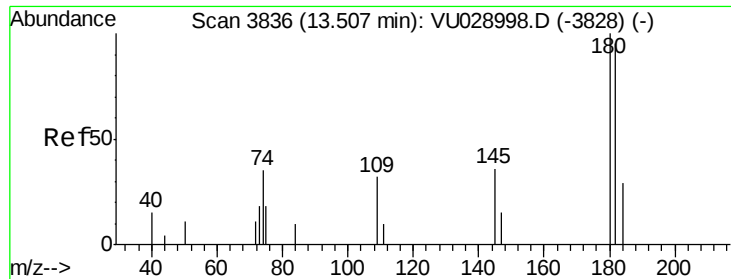
117 100

201 0.0 42.4 127.3#



Abundance Ion 116.80 (116.50 to 117.50): VU028998.D (-3404) (-)

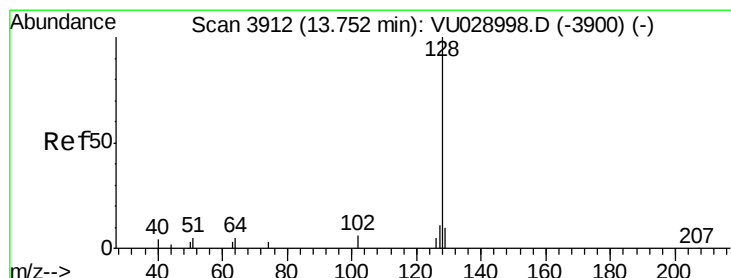
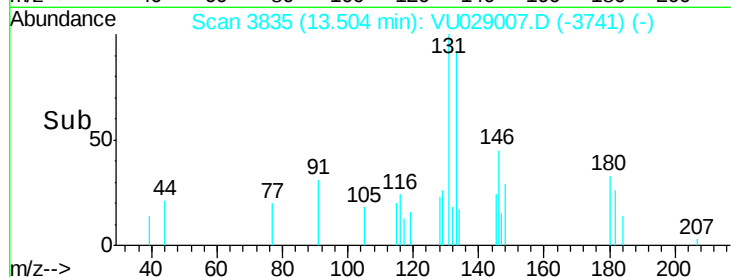
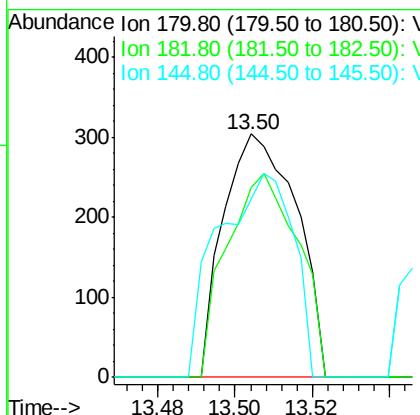
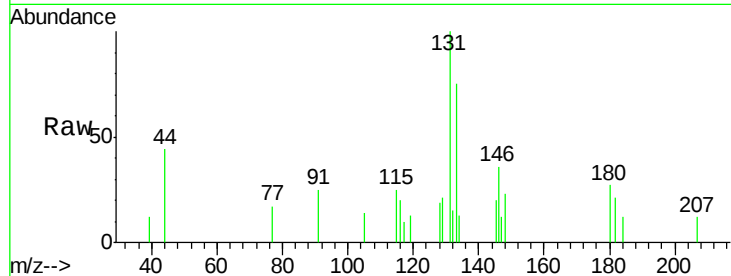




#93
 1,2,4-Trichlorobenzene
 Concen: 0.206 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

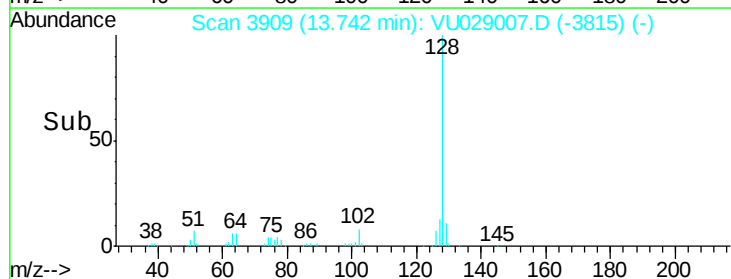
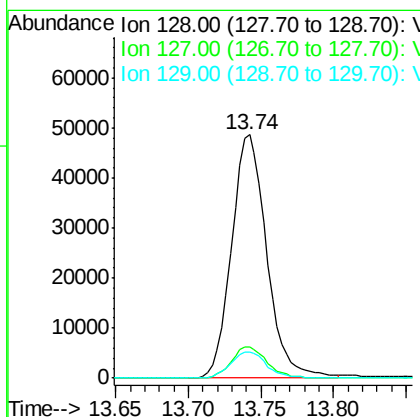
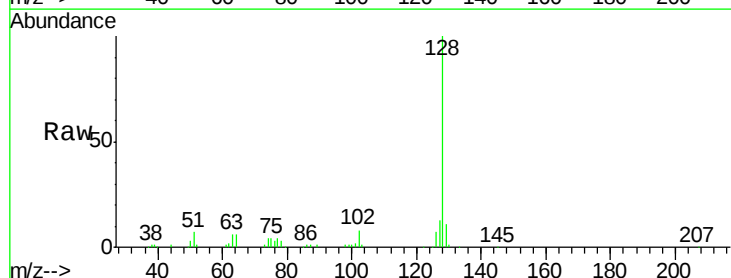
Instrument :
 MSVOA_U
 ClientSampleId :

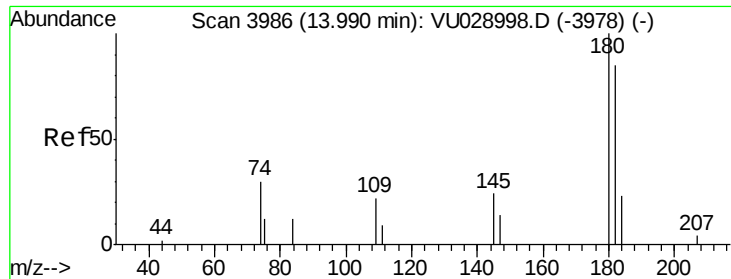
Tot Ion	Ratio	Lower	Upper
180	100		
182	81.7	47.5	142.6
145	86.7	14.0	42.0



#95
 Naphthalene
 Concen: 12.474 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.1	8.5	12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.913 ug/l
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU029007.D
 Acq: 03 Jan 2019 19:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	105.4	48.1	144.3
145	31.5	14.8	44.4

