

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010319\
 Data File : VU029006.D
 Acq On : 03 Jan 2019 18:49
 Operator : MD/SY
 Sample : K1019-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 04 07:50:00 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	131890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	223996	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	203592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84057	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	81544	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
35) Dibromofluoromethane	4.88	113	72756	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	7.56	98	277532	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	10.30	95	88982	43.19	ug/l	0.00
Spiked Amount			Recovery	=	86.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1166	Below Cal		90
5) Bromomethane	1.62	94	240	Below Cal		81
11) Tert butyl alcohol	2.83	59	709	1.711	ug/l #	73
13) Acrolein	2.20	56	195	0.627	ug/l #	59
14) Allyl chloride	2.70	41	16425	6.544	ug/l #	29
16) Acetone	2.32	43	11756	11.446	ug/l	95
17) Carbon Disulfide	2.48	76	1391	Below Cal	#	75
18) Methyl Acetate	2.62	43	898	0.376	ug/l #	60
20) Methylene Chloride	2.70	84	460948	264.328	ug/l	99
25) 2-Butanone	4.29	43	1632	1.176	ug/l #	72
28) Bromochloromethane	4.55	49	343	0.280	ug/l #	22
29) Tetrahydrofuran	4.67	42	656	0.780	ug/l #	45
31) Cyclohexane	4.98	56	2299	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9116	4.072	ug/l #	47
37) Ethyl Acetate	4.29	43	1632	0.664	ug/l #	66
38) Carbon Tetrachloride	4.98	117	11574	6.198	ug/l #	17
43) Isopropyl Acetate	5.55	43	9226	2.447	ug/l	93
45) 1,2-Dichloropropane	6.70	63	671	0.364	ug/l #	43
48) Methyl methacrylate	6.70	41	52195	28.433	ug/l #	35
51) 4-Methyl-2-Pentanone	7.56	43	4505	1.756	ug/l	93
52) Toluene	7.64	92	1577	0.371	ug/l	90
54) cis-1,3-Dichloropropene	7.42	75	22415	7.955	ug/l #	61
57) 1,3-Dichloropropane	8.41	76	4951	1.699	ug/l #	42
59) 2-Hexanone	8.31	43	6310	3.133	ug/l #	21
60) Dibromochloromethane	8.22	129	344	0.204	ug/l #	11
64) Tetrachloroethene	8.23	164	379	0.258	ug/l #	74
67) Ethyl Benzene	9.25	91	4929	0.647	ug/l	98
68) m/p-Xylenes	9.38	106	5445	1.839	ug/l	93
69) o-Xylene	9.78	106	1698	0.595	ug/l	95
76) 1,2,3-Trichloropropane	10.30	75	42006	20.396	ug/l #	35
78) n-propylbenzene	10.59	91	1886	0.257	ug/l	88
80) 1,3,5-Trimethylbenzene	10.77	105	3668	0.706	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.30	75	42006	52.602	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	9115	1.757	ug/l	96

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

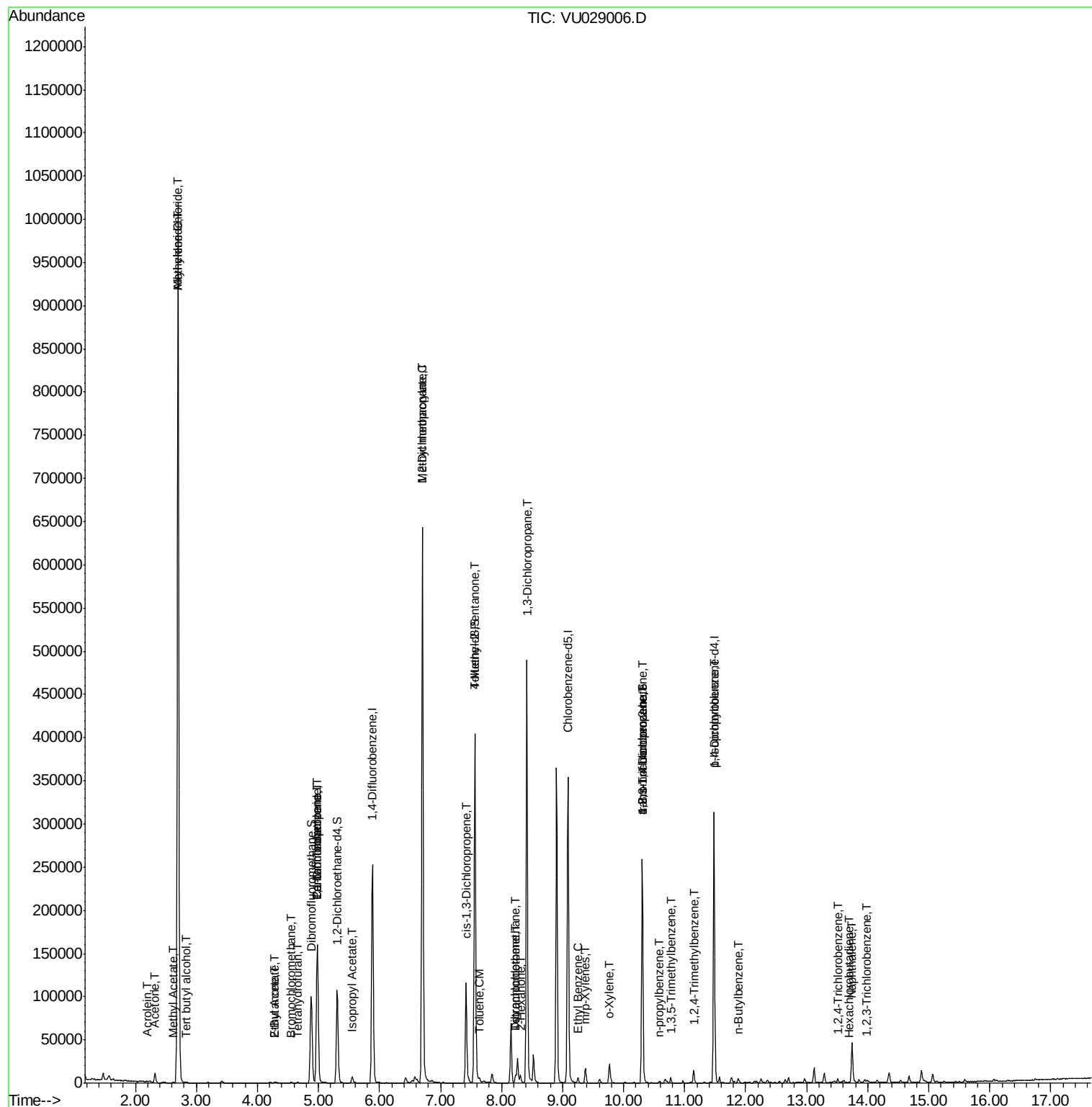
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	11.48	119	1149	0.218	ug/l #	77
89) n-Butylbenzene	11.89	91	1807	0.384	ug/l #	62
93) 1,2,4-Trichlorobenzene	13.51	180	844	0.441	ug/l	92
94) Hexachlorobutadiene	13.69	225	225	0.257	ug/l #	24
95) Naphthalene	13.74	128	41924	6.445	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	1113	1.332	ug/l	94

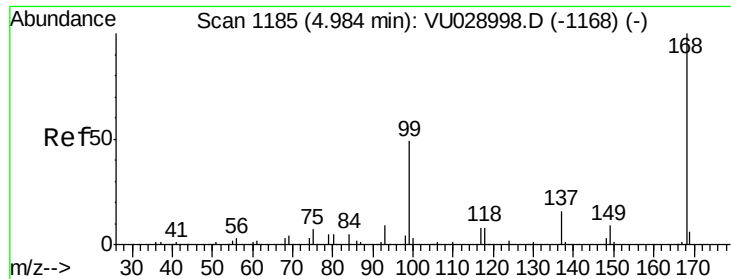
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU010319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

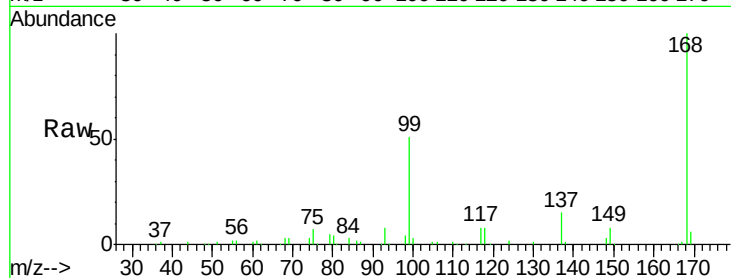
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 131890

Ion Ratio Lower Upper

168 100

99 51.5 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

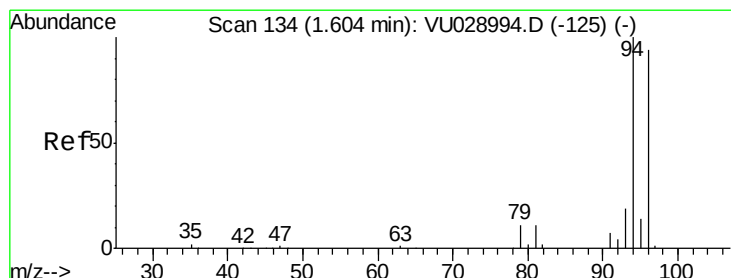
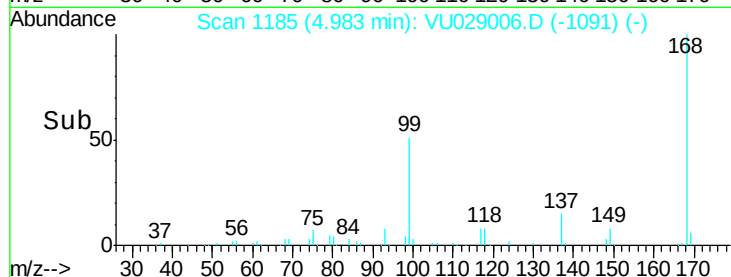
40000

20000

0

4.90 5.00 5.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 138

Delta R.T. 0.01 min

Lab File: VU029006.D

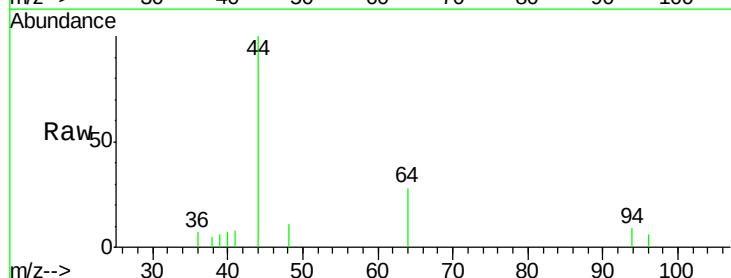
Acq: 03 Jan 2019 18:49

Tgt Ion: 94 Resp: 240

Ion Ratio Lower Upper

94 100

96 75.6 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

200

150

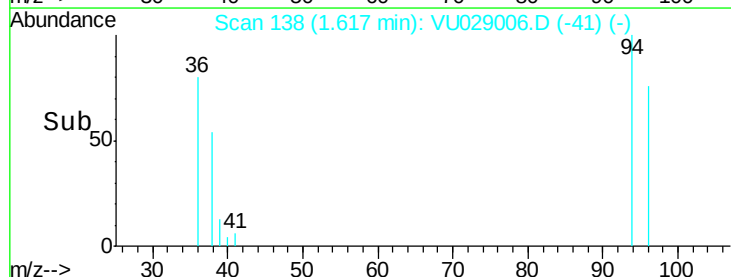
100

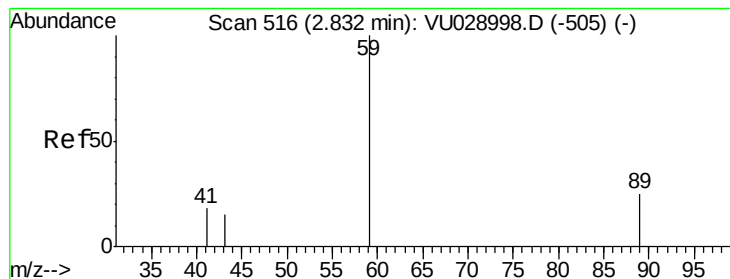
50

0

1.60 1.62 1.64

Time-->



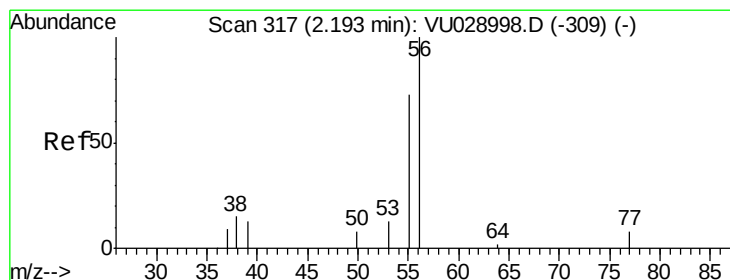
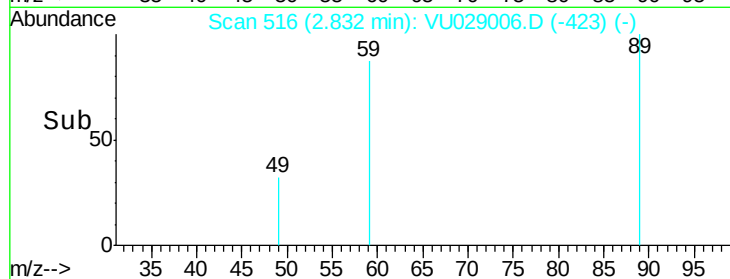
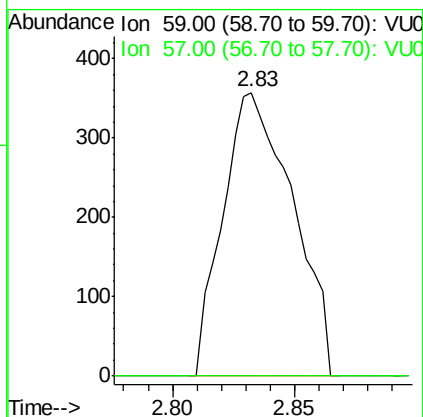
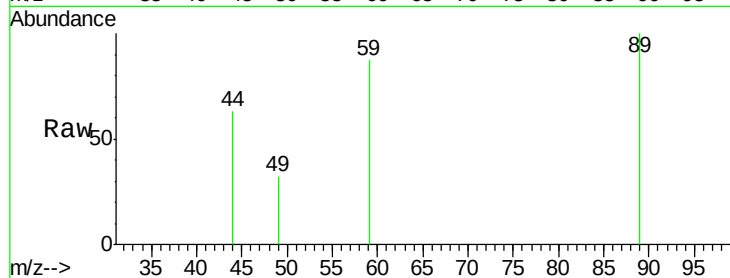


#11

Tert butyl alcohol
 Concen: 1.711 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: VU029006.D
 Acq: 03 Jan 2019 18:49

Instrument :
 MSVOA_U
 ClientSampled :

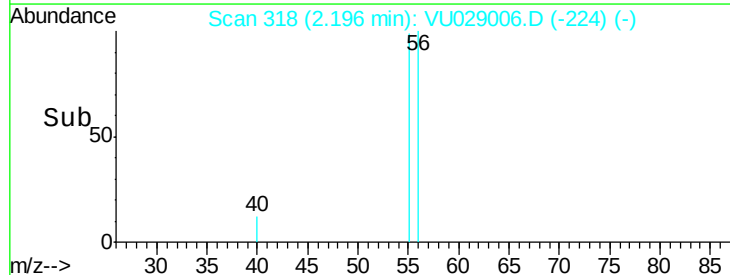
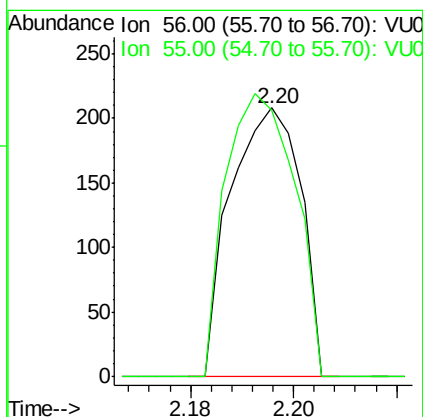
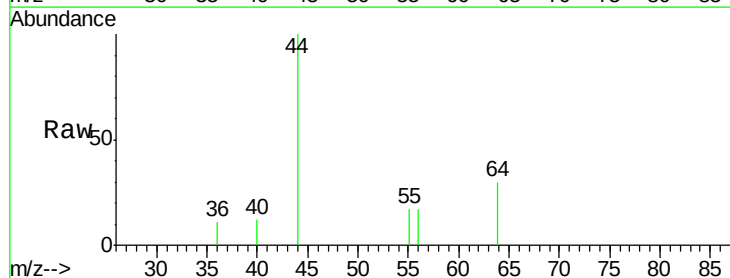
Tot Ion: 59 Resp: 709
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

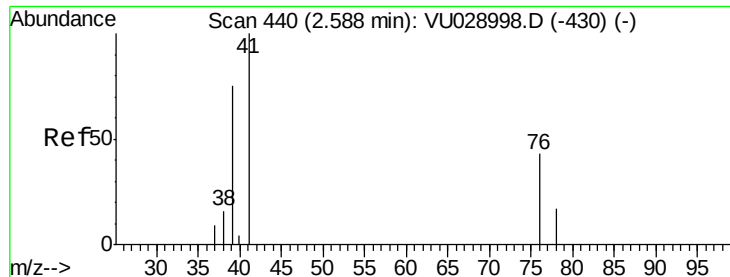


#13

Acrolein
 Concen: 0.627 ug/l
 RT: 2.20 min Scan# 318
 Delta R.T. 0.00 min
 Lab File: VU029006.D
 Acq: 03 Jan 2019 18:49

Tgt Ion: 56 Resp: 195
 Ion Ratio Lower Upper
 56 100
 55 104.1 56.5 84.7#

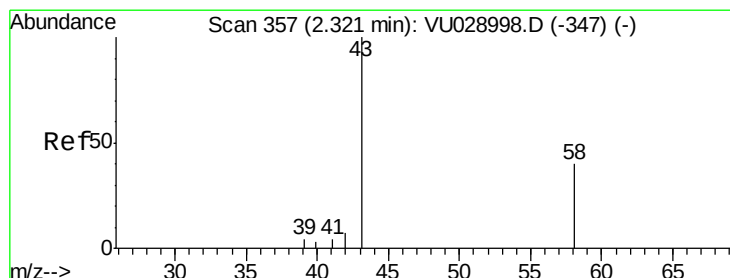
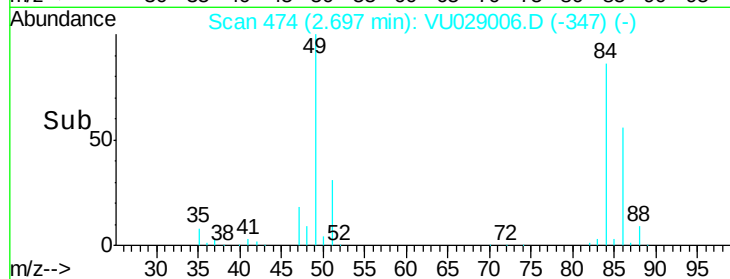
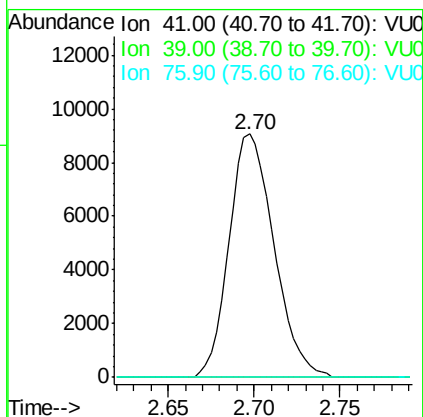
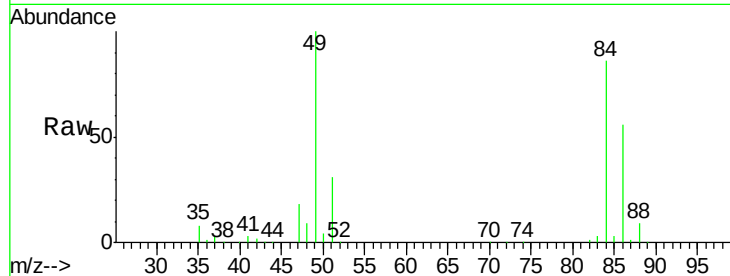




#14
Allvl chloride
Concen: 6.544 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.11 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

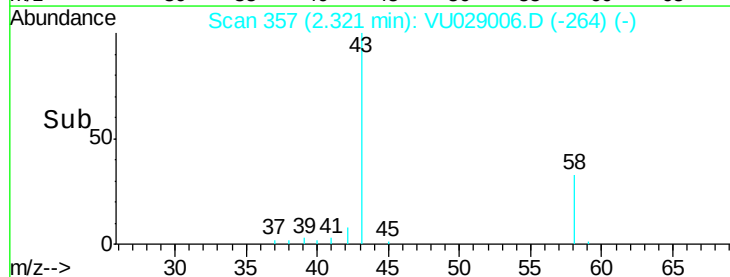
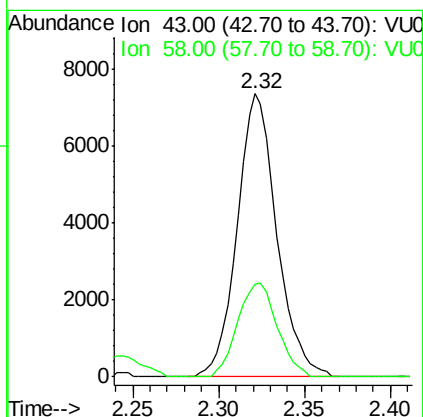
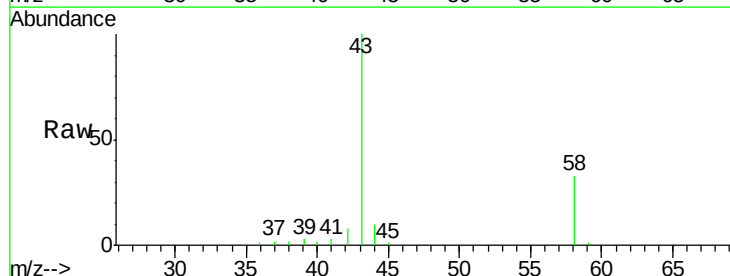
Instrument :
MSVOA_U
ClientSampleId :

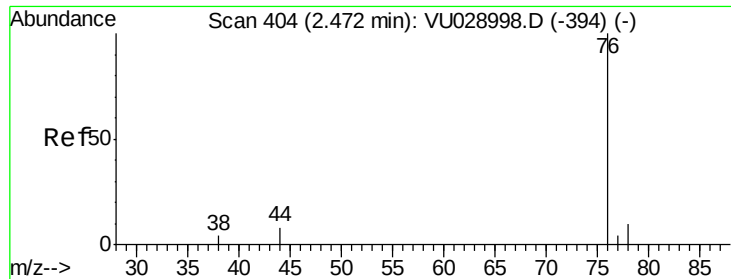
Tot Ion: 41 Resp: 16425
Ion Ratio Lower Upper
41 100
39 0.0 45.0 67.6#
76 0.0 28.1 42.1#



#16
Acetone
Concen: 11.446 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Tgt Ion: 43 Resp: 11756
Ion Ratio Lower Upper
43 100
58 32.9 28.6 42.8





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

Instrument :

MSVOA_U

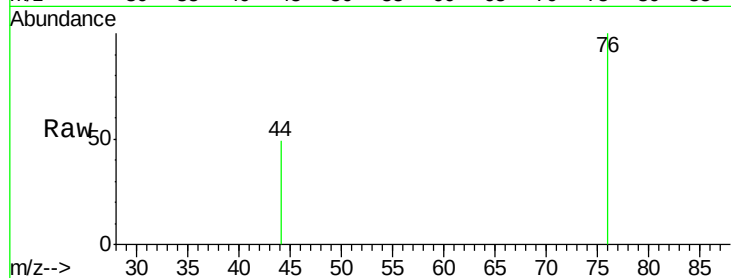
ClientSampleId :

Tot Ion: 76 Resp: 1391

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



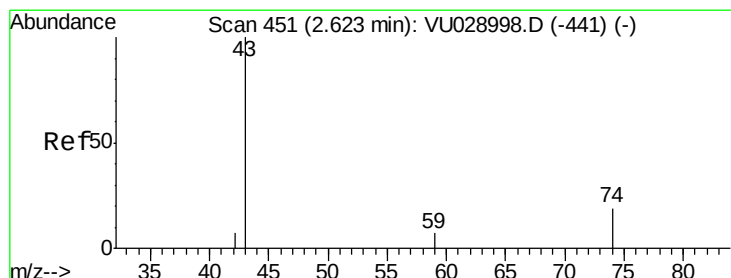
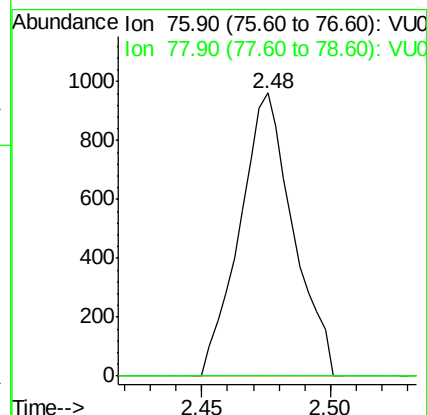
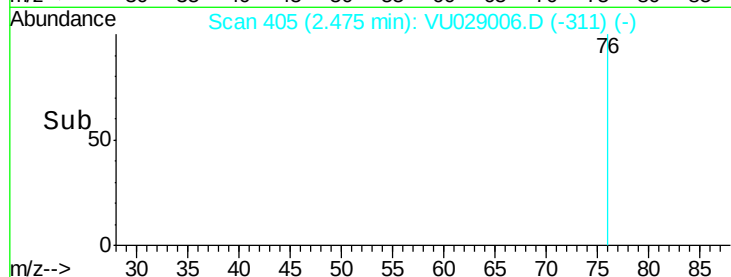
Abundance Ion 75.90 (75.60 to 76.60): VU029006.D (-311) (-)

Ion 77.90 (77.60 to 78.60): VU029006.D (-311) (-)

2.48

2.45 2.50

Time-->



#18

Methyl Acetate

Concen: 0.376 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU029006.D

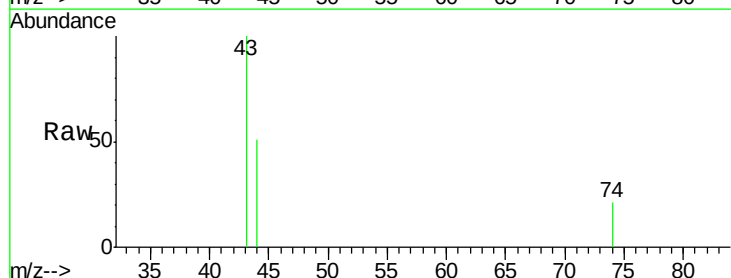
Acq: 03 Jan 2019 18:49

Tgt Ion: 43 Resp: 898

Ion Ratio Lower Upper

43 100

74 4.5 19.5 29.3#



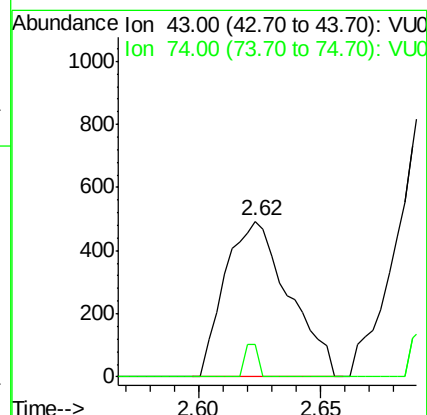
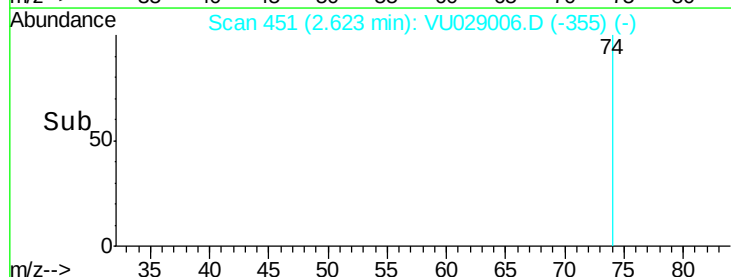
Abundance Ion 43.00 (42.70 to 43.70): VU029006.D (-355) (-)

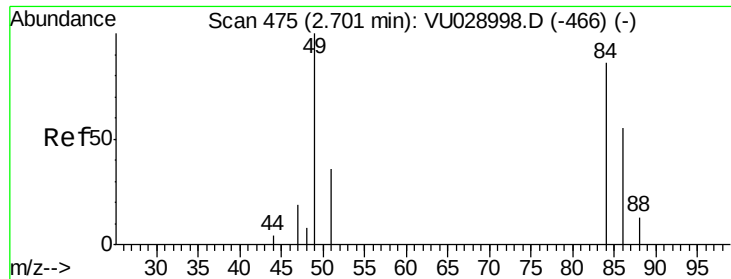
Ion 74.00 (73.70 to 74.70): VU029006.D (-355) (-)

2.62

2.60 2.65

Time-->

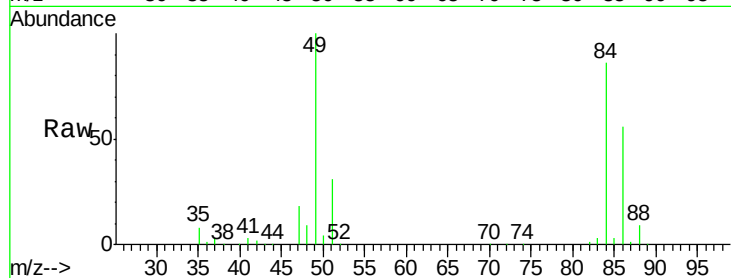




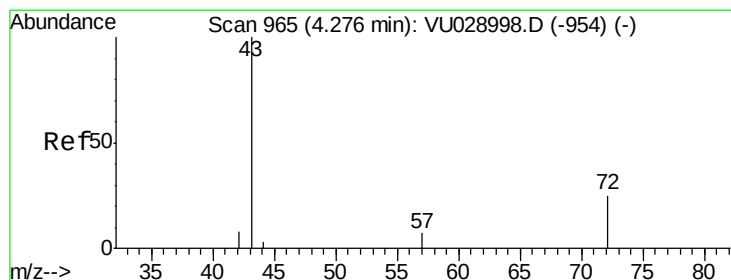
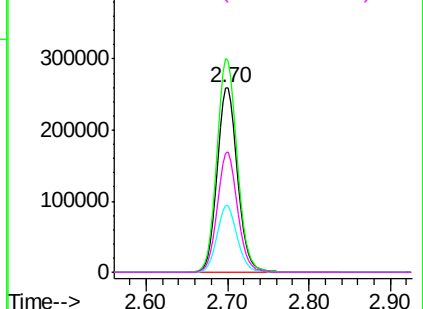
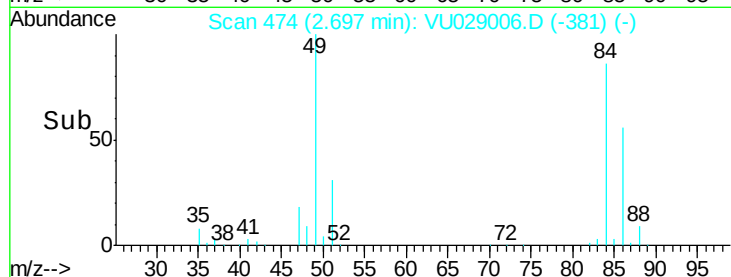
#20
Methvlene Chloride
Concen: 264.328 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 460948
Ion Ratio Lower Upper
84 100
49 115.8 91.9 137.9
51 36.2 29.2 43.8
86 64.6 51.8 77.6

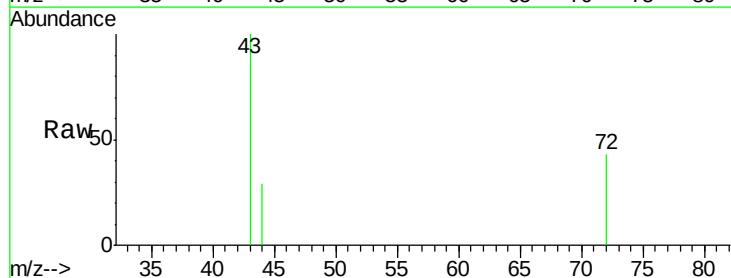


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

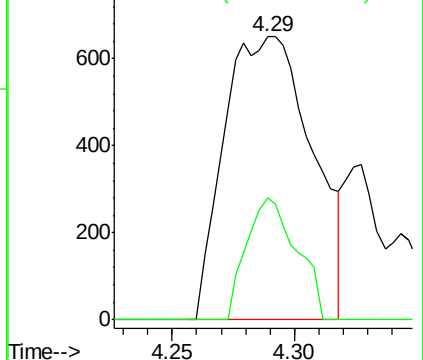
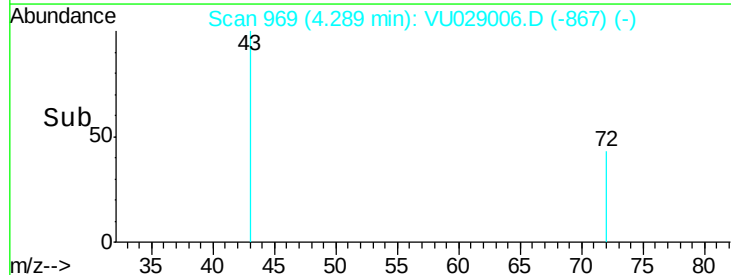


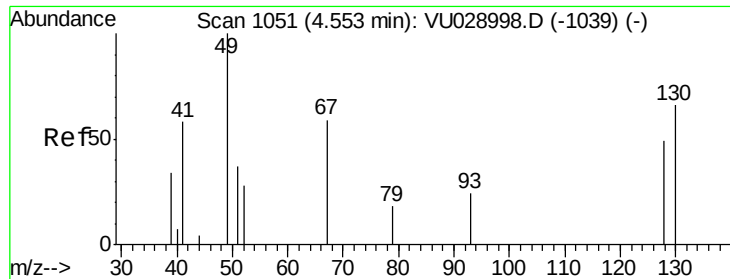
#25
2-Butanone
Concen: 1.176 ug/l
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Tgt Ion: 43 Resp: 1632
Ion Ratio Lower Upper
43 100
72 43.2 22.6 33.8#



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





#28

Bromochloromethane

Concen: 0.280 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

Instrument :

MSVOA_U

ClientSampleId :

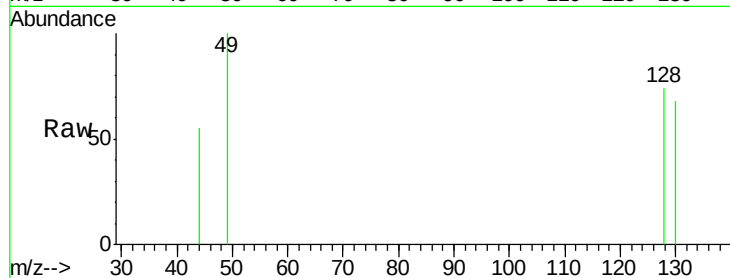
Tot Ion: 49 Resp: 343

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

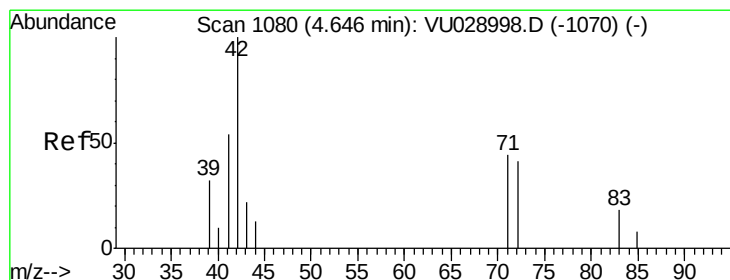
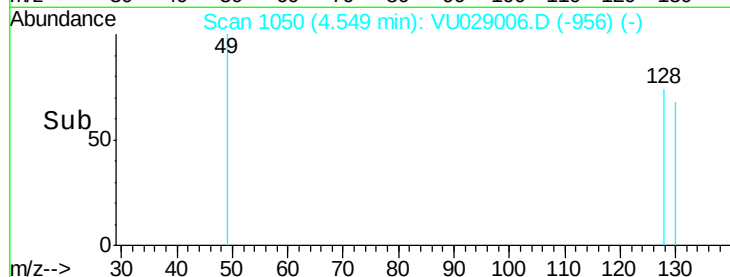
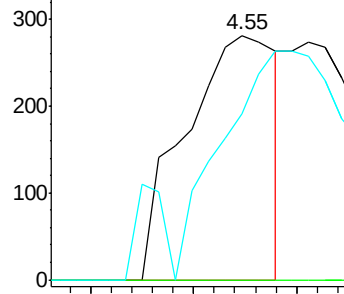
130 148.1 62.9 94.3#



Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.780 ug/l

RT: 4.67 min Scan# 1086

Delta R.T. 0.03 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

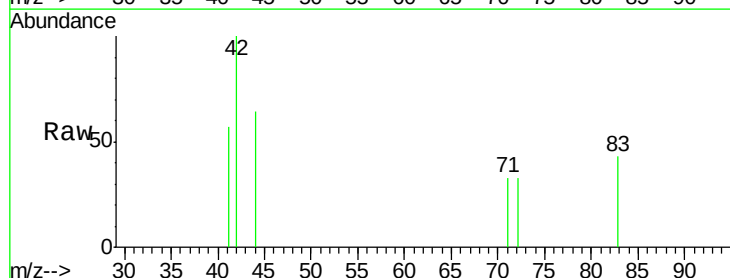
Tgt Ion: 42 Resp: 656

Ion Ratio Lower Upper

42 100

72 2.9 38.3 57.5#

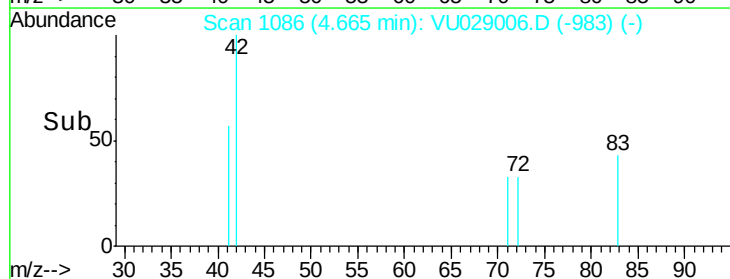
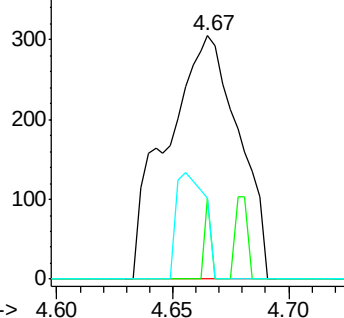
71 17.5 36.1 54.1#

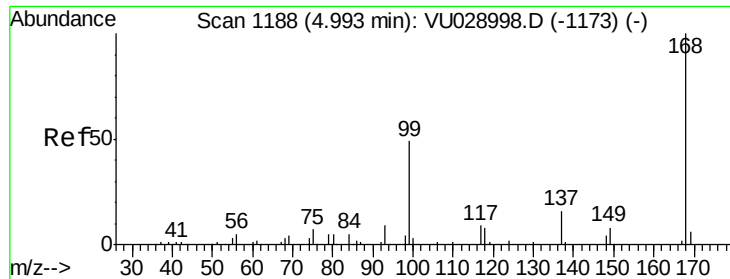


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

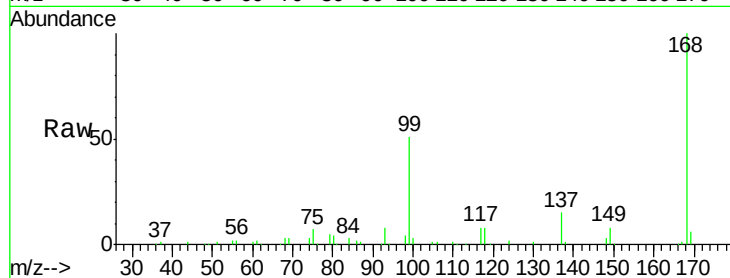




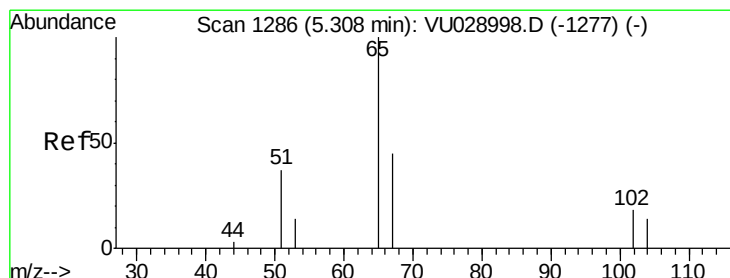
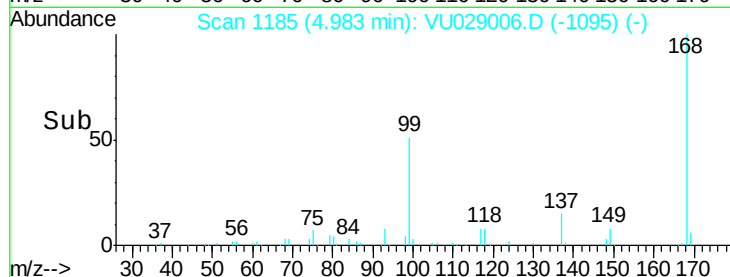
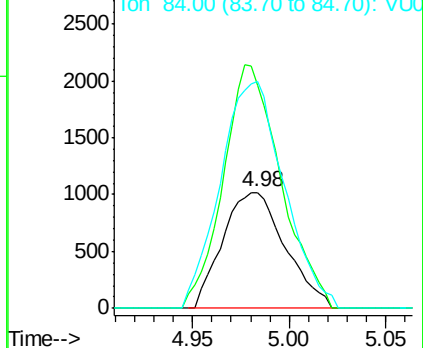
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 2299
Ion Ratio Lower Upper
56 100
69 192.6 26.7 40.1#
84 196.2 65.7 98.5#

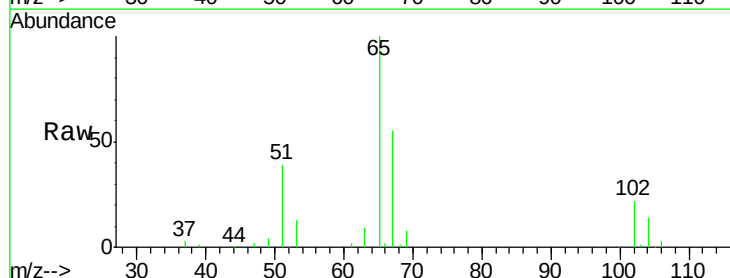


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

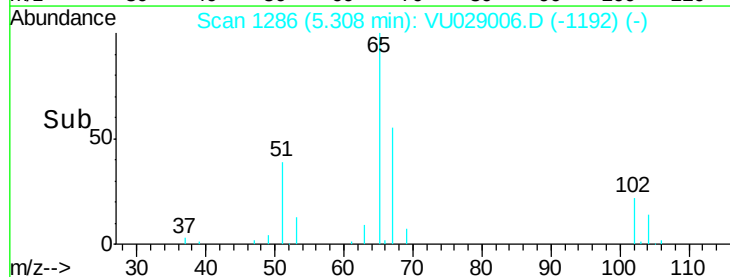
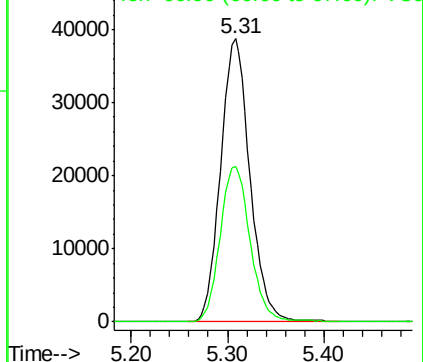


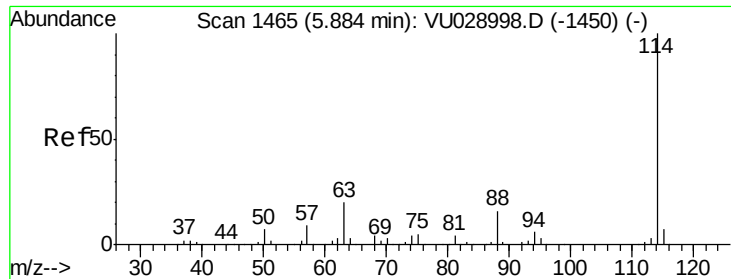
#33
1,2-Dichloroethane-d4
Concen: 50.014 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Tgt Ion: 65 Resp: 81544
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.0



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

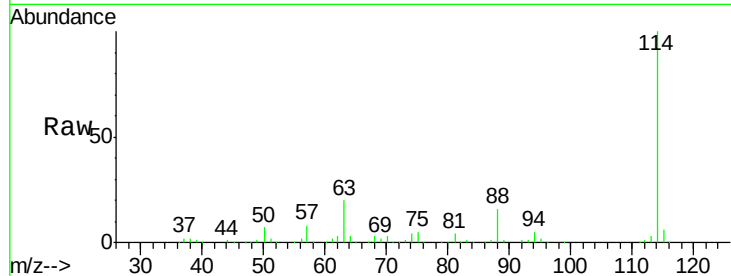




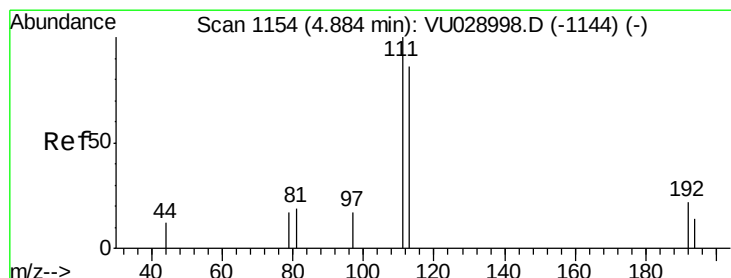
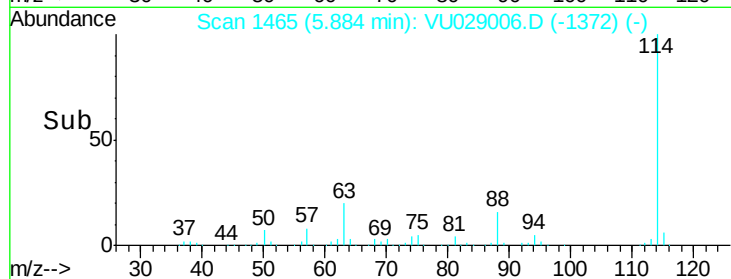
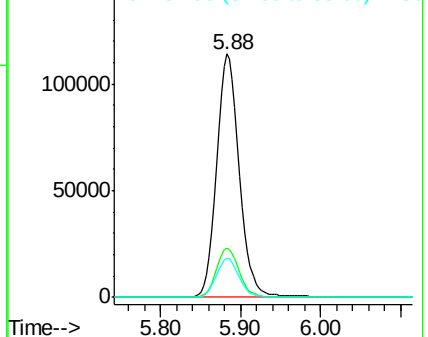
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:114 Resp: 223996
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.2
88 16.1 0.0 30.4

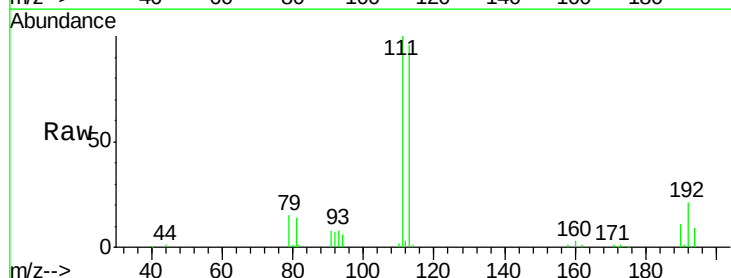


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

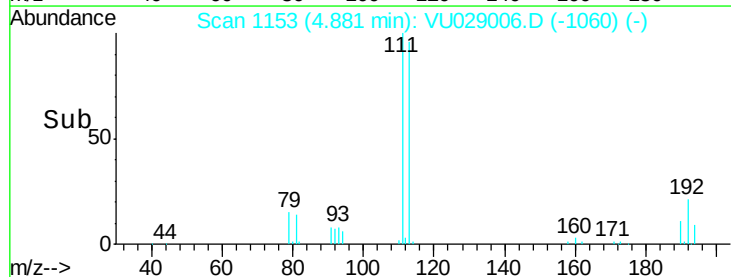
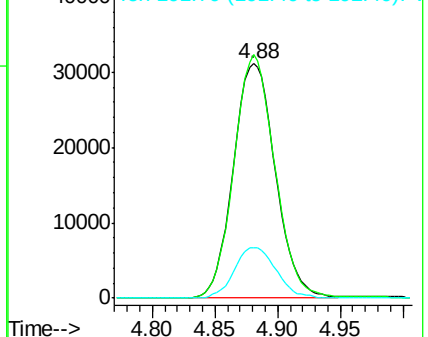


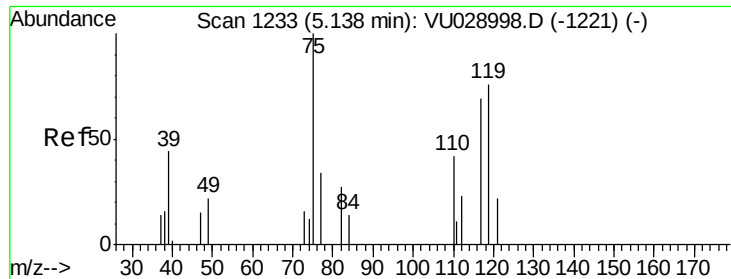
#35
Dibromofluoromethane
Concen: 50.107 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Tgt Ion:113 Resp: 72756
Ion Ratio Lower Upper
113 100
111 100.6 81.4 122.2
192 21.5 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

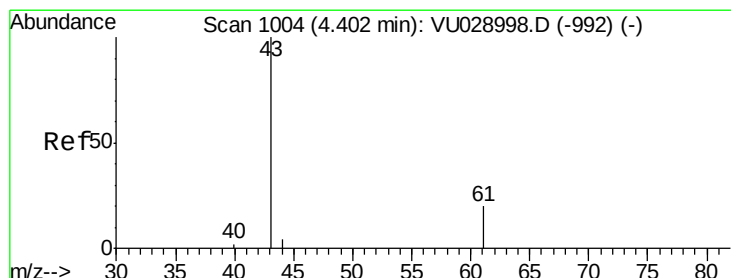
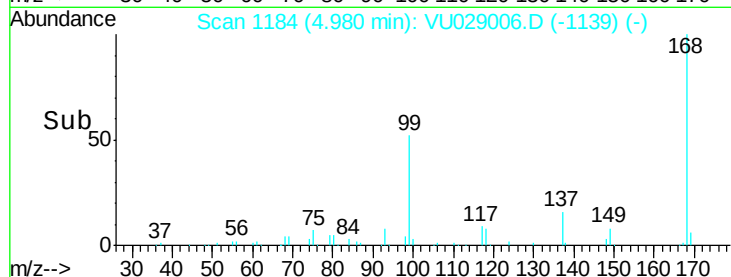
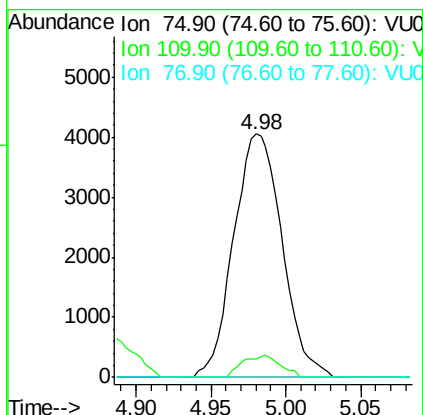
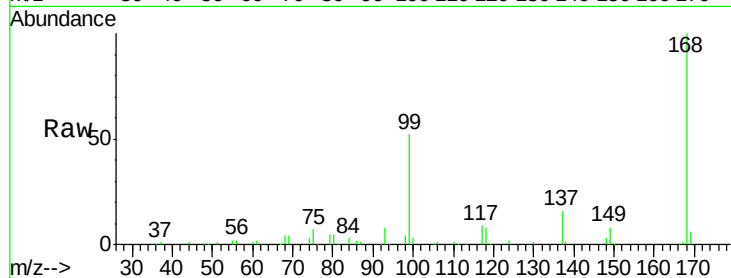




#36
 1,1-Dichloropropene
 Concen: 4.072 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029006.D
 Acq: 03 Jan 2019 18:49

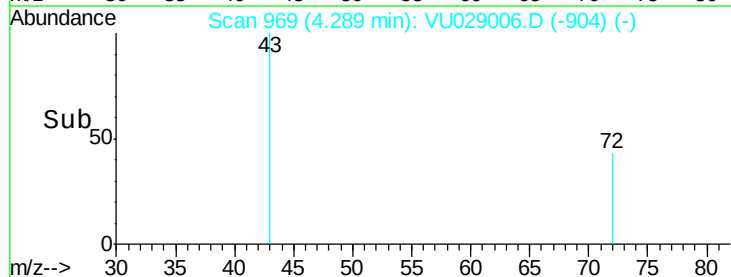
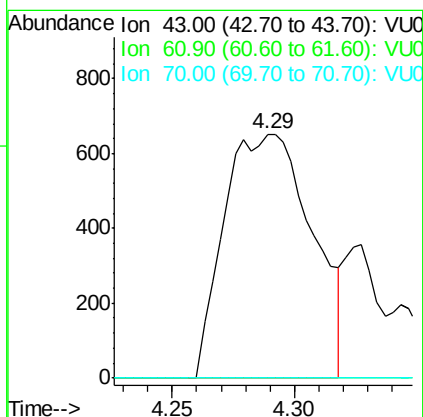
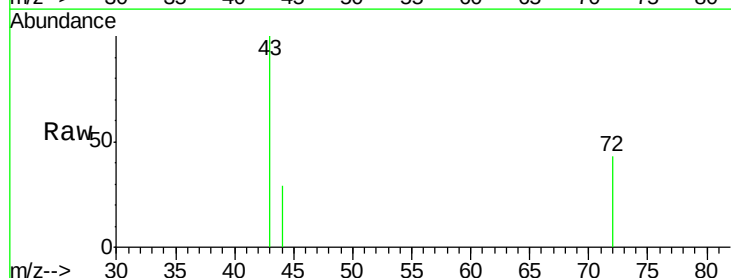
Instrument :
 MSVOA_U
 ClientSampleId :

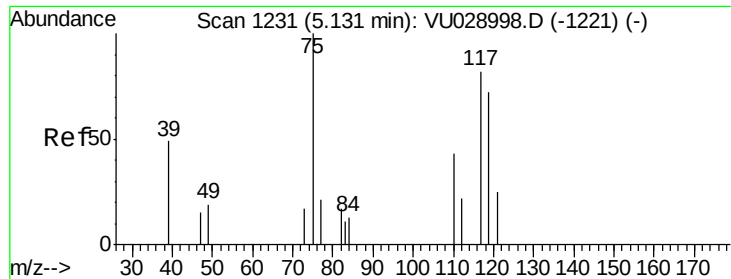
Tot Ion: 75 Resp: 9116
 Ion Ratio Lower Upper
 75 100
 110 7.1 18.4 55.4#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.664 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. -0.09 min
 Lab File: VU029006.D
 Acq: 03 Jan 2019 18:49

Tgt Ion: 43 Resp: 1632
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.6 18.8#
 70 0.0 9.3 13.9#

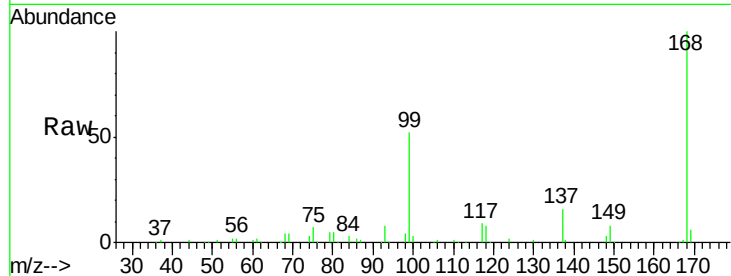




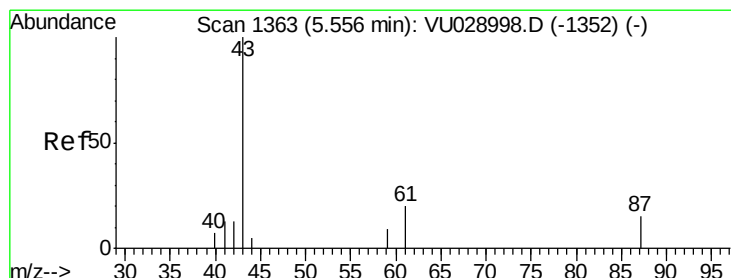
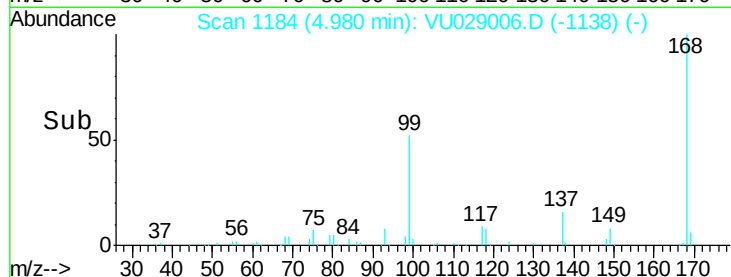
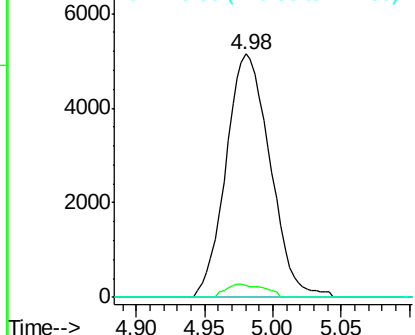
#38
Carbon Tetrachloride
Concen: 6.198 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 11574
Ion Ratio Lower Upper
117 100
119 4.7 74.6 111.8#
121 0.0 25.0 37.6#

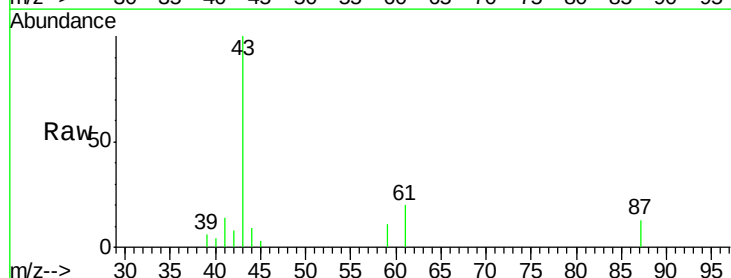


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

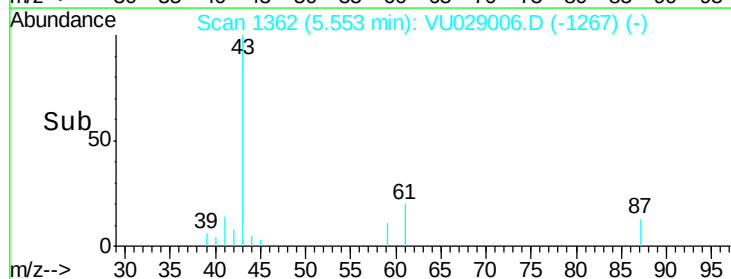
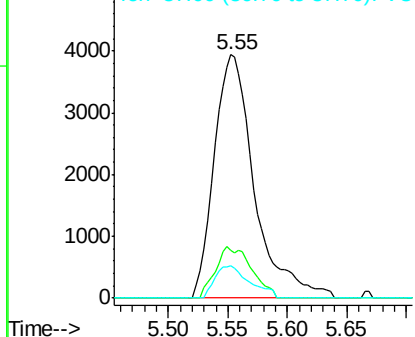


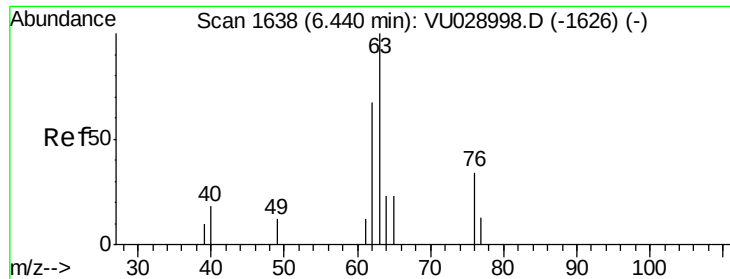
#43
Isopropyl Acetate
Concen: 2.447 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Tgt Ion: 43 Resp: 9226
Ion Ratio Lower Upper
43 100
61 18.9 17.8 26.6
87 11.4 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

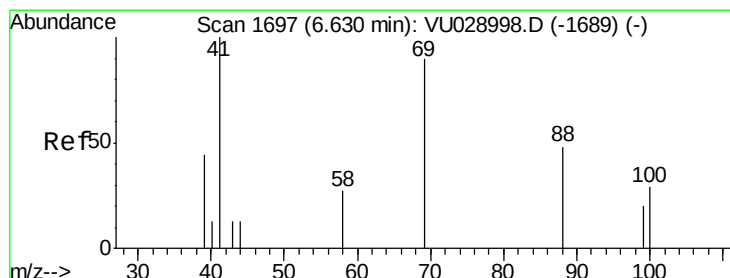
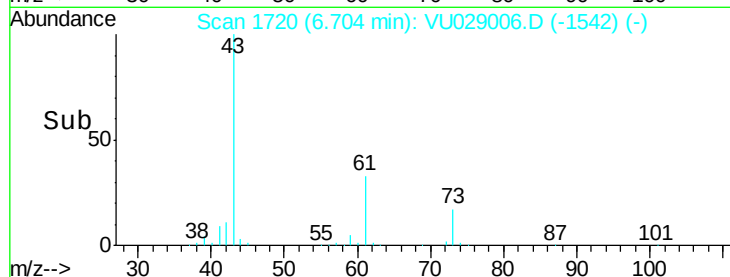
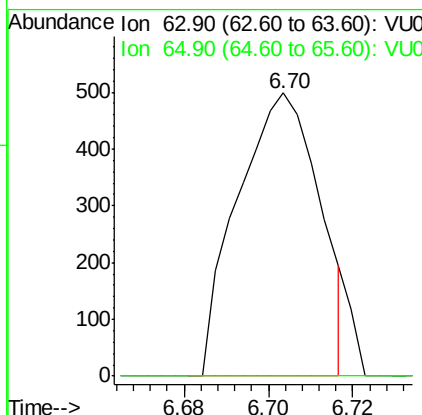
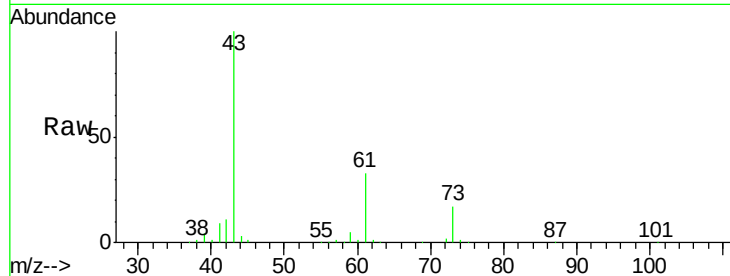




#45
 1,2-Dichloropropane
 Concen: 0.364 ug/l
 RT: 6.70 min Scan# 1720
 Delta R.T. 0.27 min
 Lab File: VU029006.D
 Acq: 03 Jan 2019 18:49

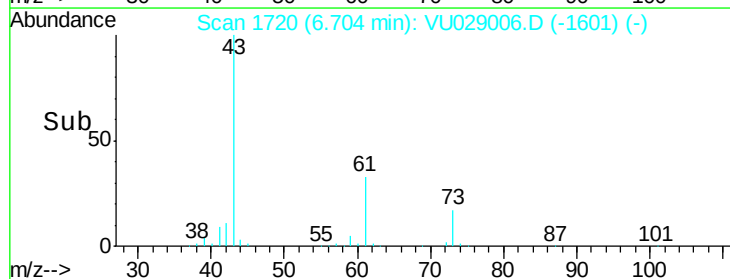
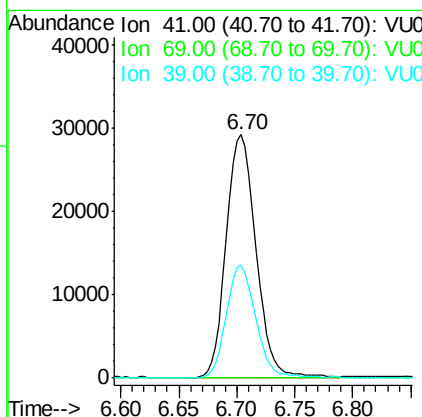
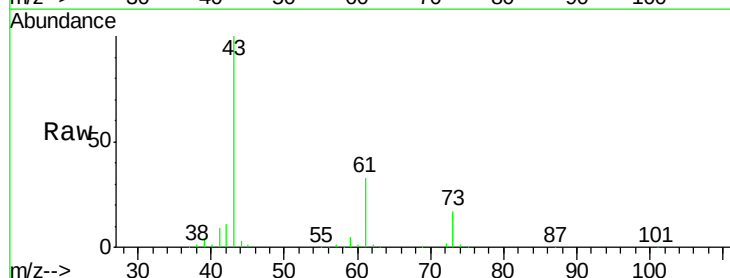
Instrument :
 MSVOA_U
 ClientSampled :

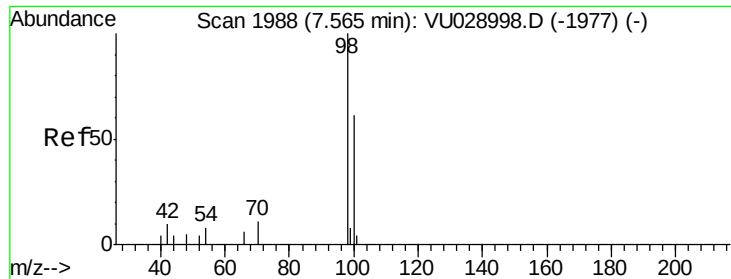
Tot Ion: 63 Resp: 671
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.1 37.7#



#48
 Methyl methacrylate
 Concen: 28.433 ug/l
 RT: 6.70 min Scan# 1720
 Delta R.T. 0.08 min
 Lab File: VU029006.D
 Acq: 03 Jan 2019 18:49

Tgt Ion: 41 Resp: 52195
 Ion Ratio Lower Upper
 41 100
 69 0.1 73.6 110.4#
 39 45.6 39.6 59.4

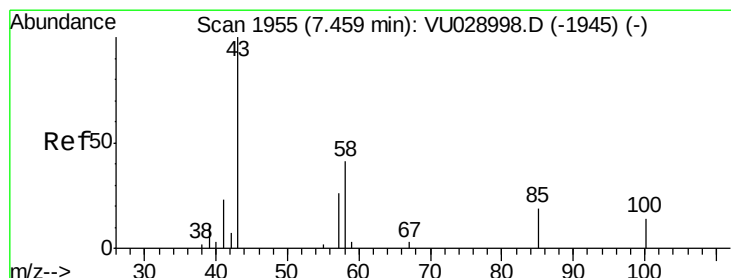
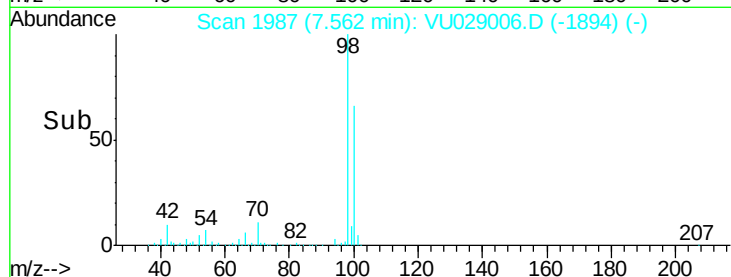
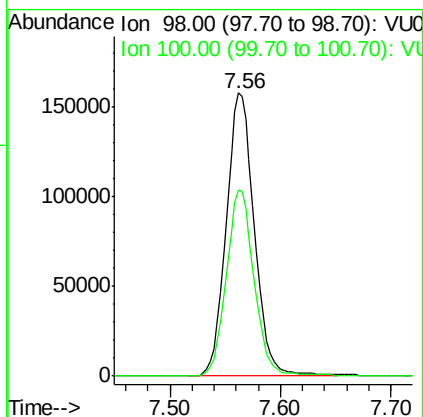
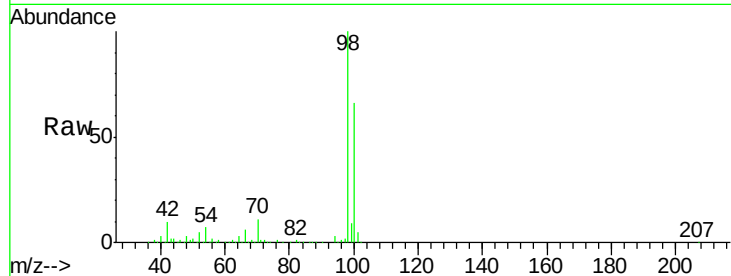




#50
Toluene-d8
Concen: 48.415 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

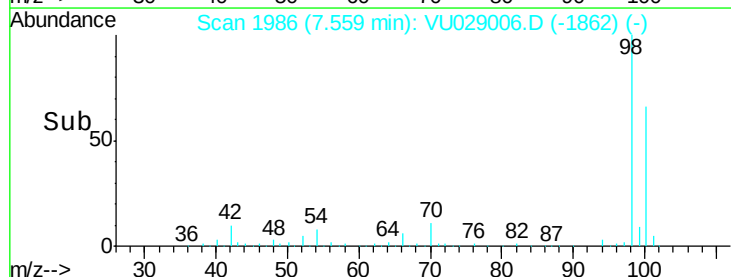
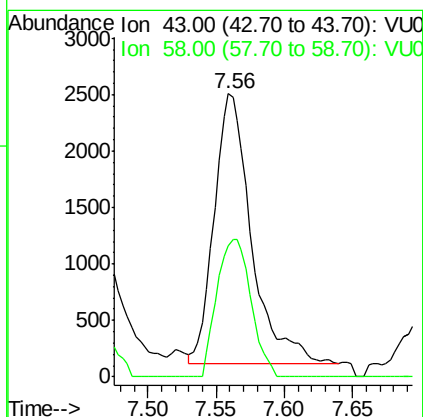
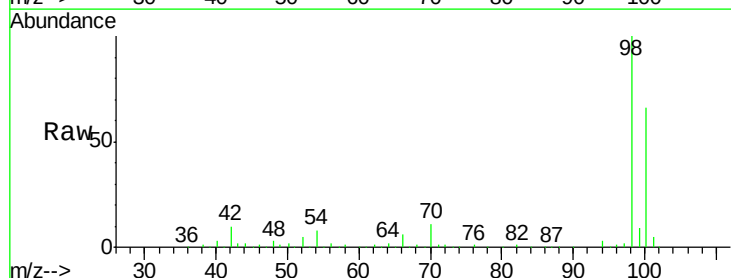
Instrument :
MSVOA_U
ClientSampleId :

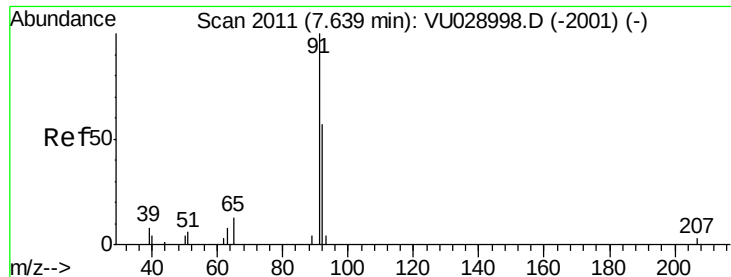
Tot Ion: 98 Resp: 277532
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.756 ug/l
RT: 7.56 min Scan# 1986
Delta R.T. 0.10 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Tgt Ion: 43 Resp: 4505
Ion Ratio Lower Upper
43 100
58 46.9 33.9 50.9





#52

Toluene

Concen: 0.371 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

Instrument :

MSVOA_U

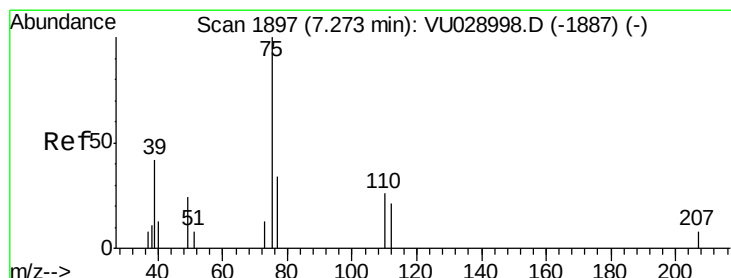
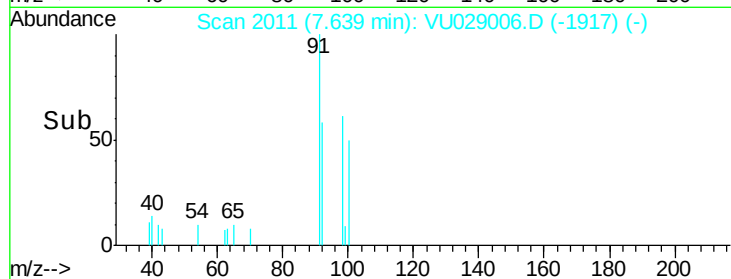
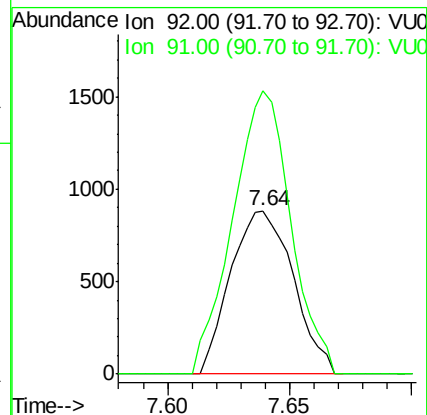
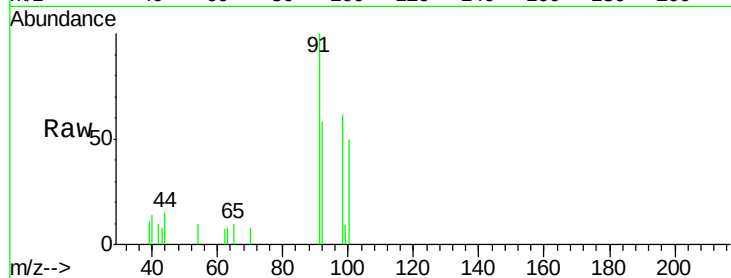
ClientSampleId :

Tot Ion: 92 Resp: 1577

Ion Ratio Lower Upper

92 100

91 160.6 139.8 209.8



#54

cis-1,3-Dichloropropene

Concen: 7.955 ug/l

RT: 7.42 min Scan# 1943

Delta R.T. 0.15 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

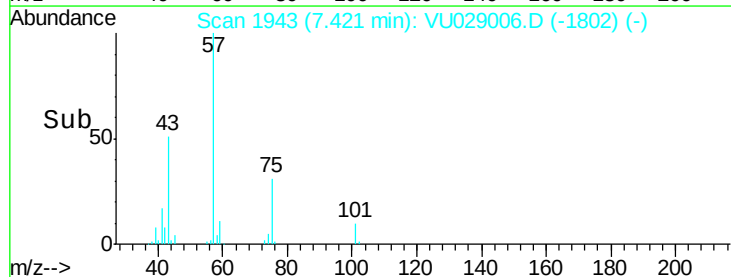
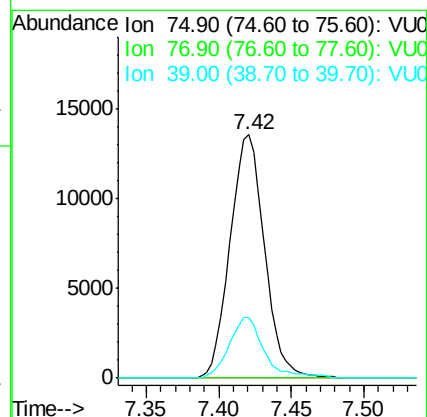
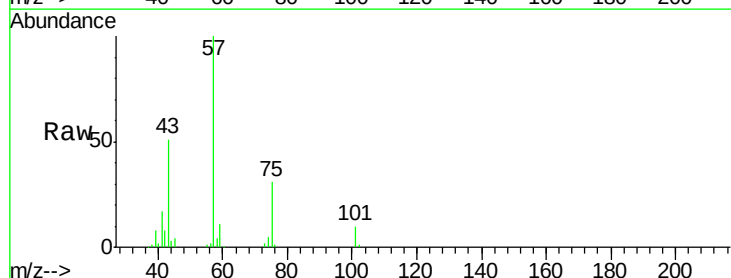
Tgt Ion: 75 Resp: 22415

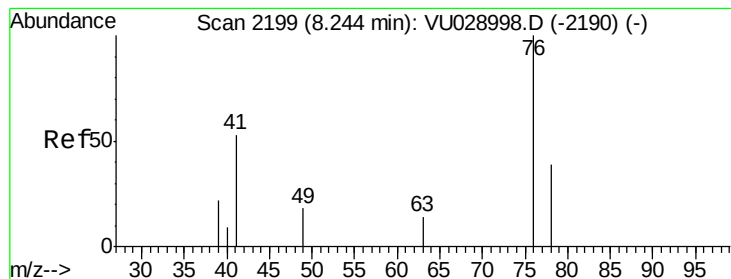
Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

39 24.7 32.2 48.4#





#57

1,3-Dichloropropane

Concen: 1.699 ug/l

RT: 8.41 min Scan# 2252

Delta R.T. 0.17 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

Instrument :

MSVOA_U

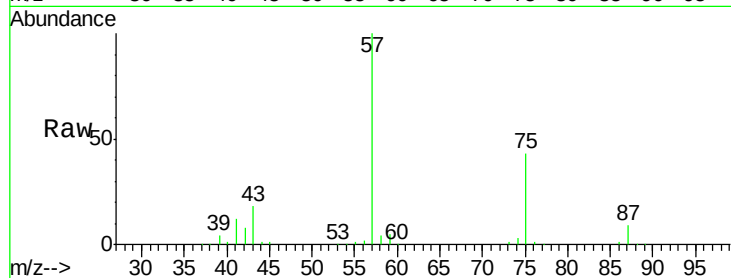
ClientSampleId :

Tot Ion: 76 Resp: 4951

Ion Ratio Lower Upper

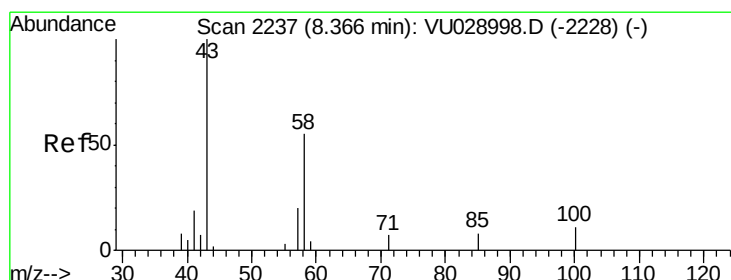
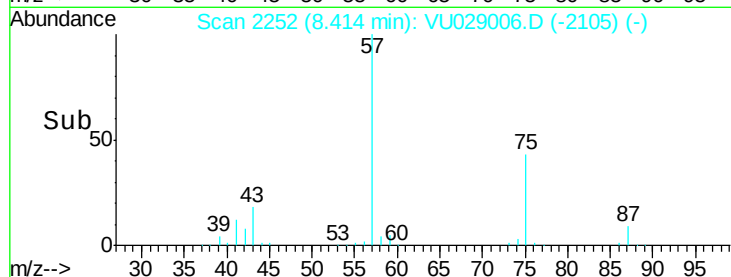
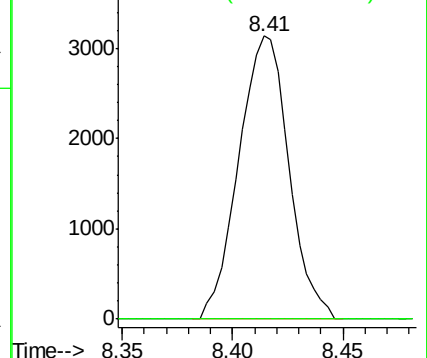
76 100

78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#59

2-Hexanone

Concen: 3.133 ug/l

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU029006.D

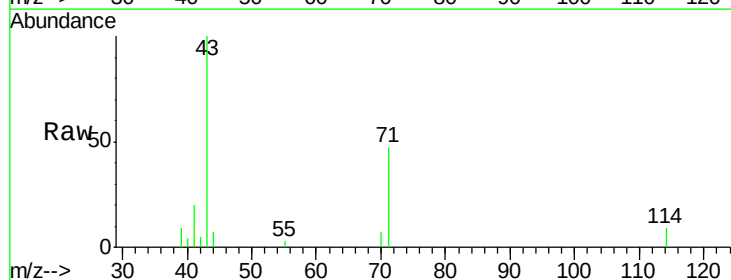
Acq: 03 Jan 2019 18:49

Tgt Ion: 43 Resp: 6310

Ion Ratio Lower Upper

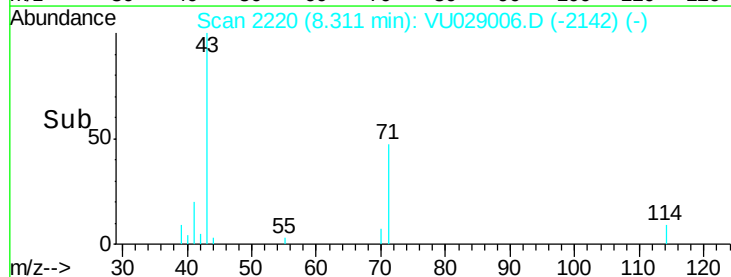
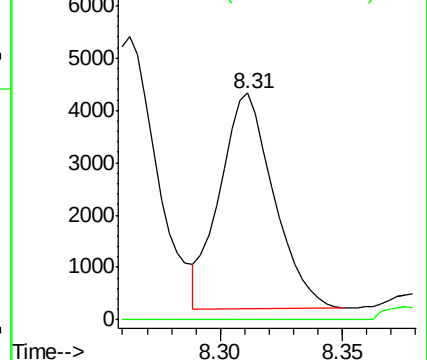
43 100

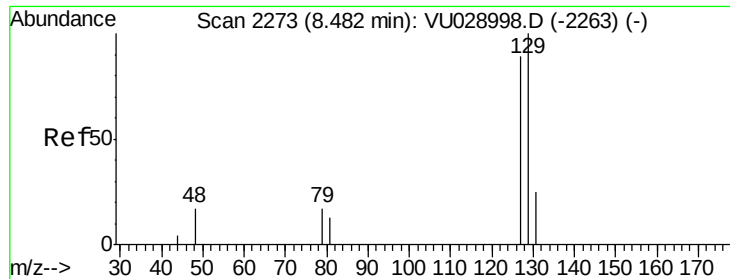
58 0.0 29.8 89.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

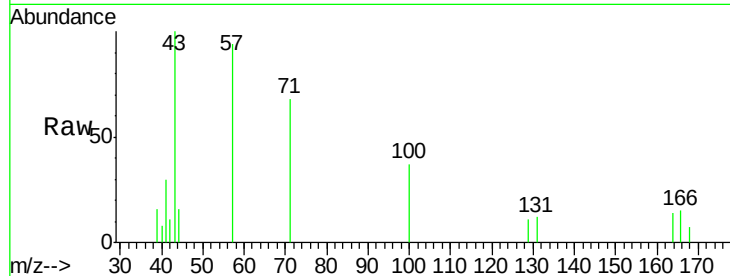




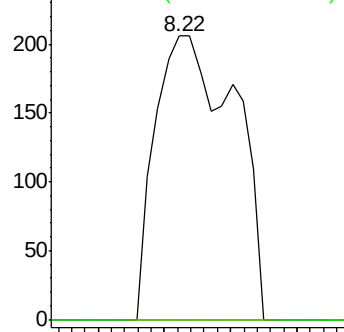
#60
Dibromochloromethane
Concen: 0.204 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

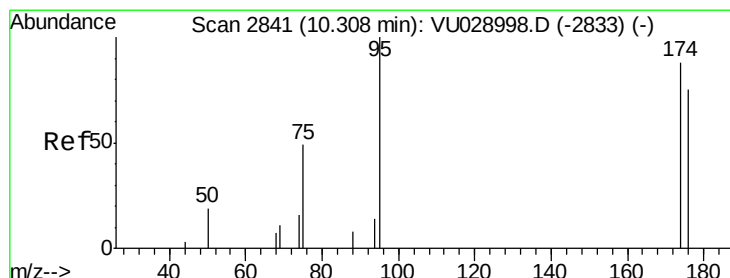
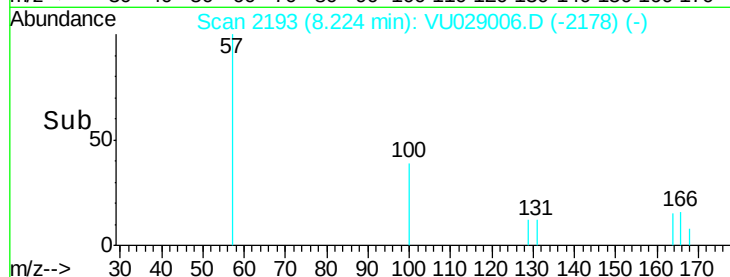
Tot Ion:129 Resp: 344
Ion Ratio Lower Upper
129 100
127 0.0 38.0 114.0#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

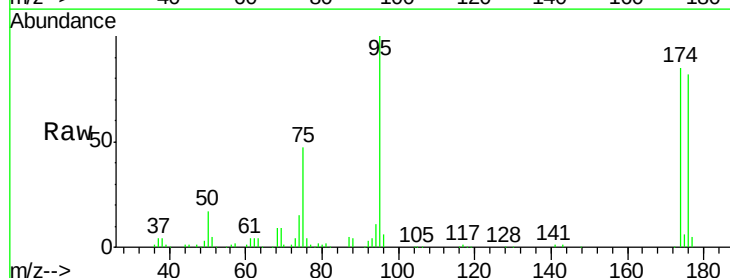


Time-->

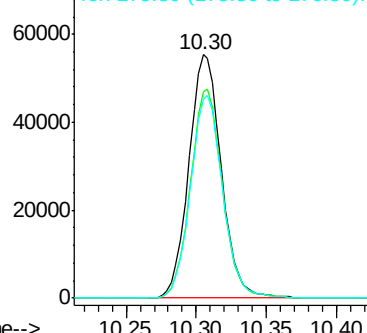


#62
4-Bromofluorobenzene
Concen: 43.193 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

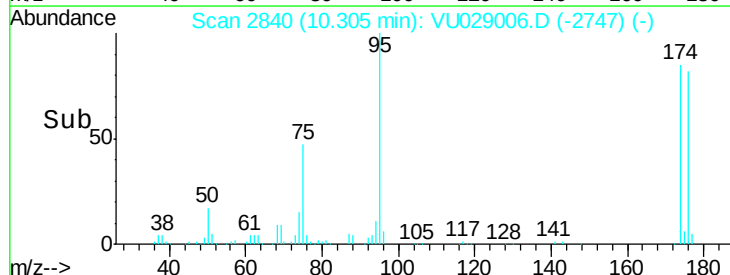
Tgt Ion: 95 Resp: 88982
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.6
176 83.0 0.0 165.0

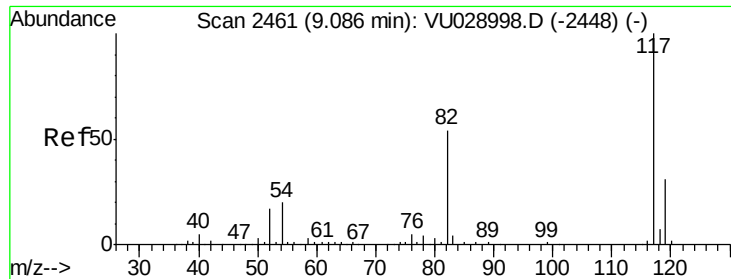


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



Time-->

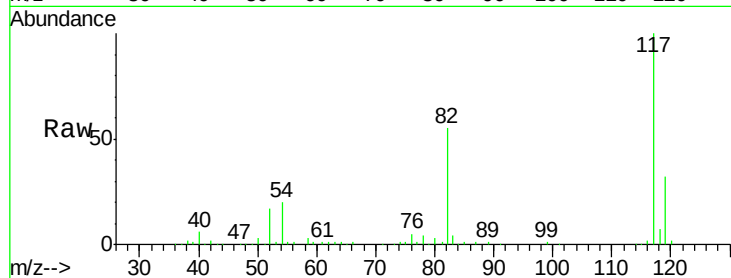




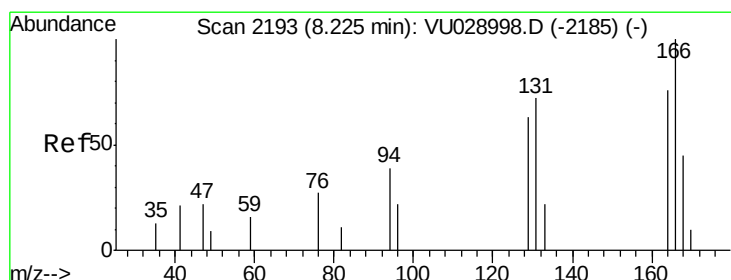
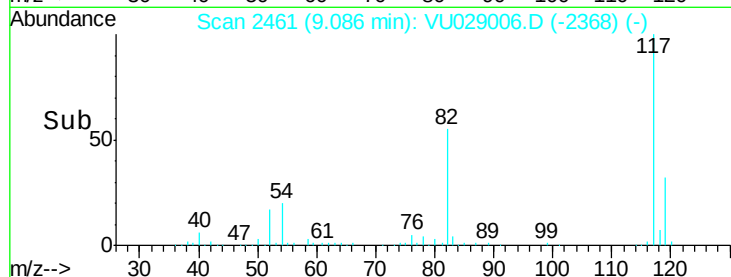
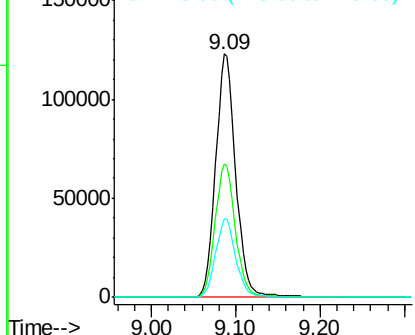
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 203592
Ion Ratio Lower Upper
117 100
82 55.1 43.9 65.9
119 32.2 26.0 39.0

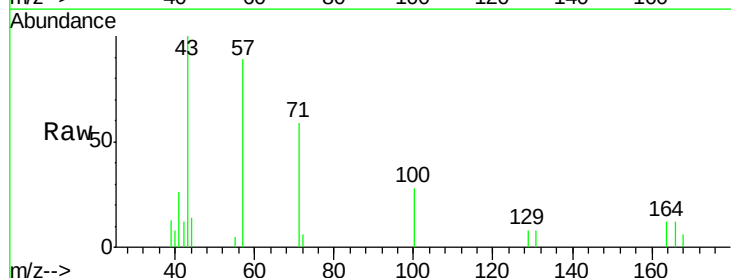


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

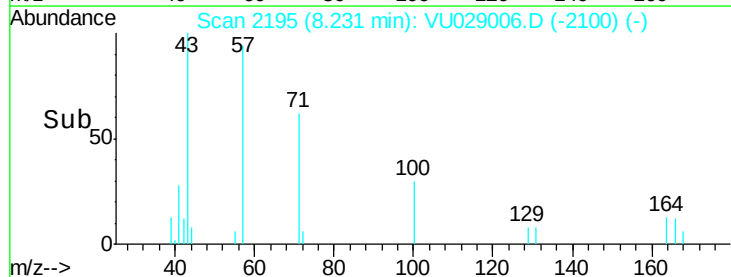
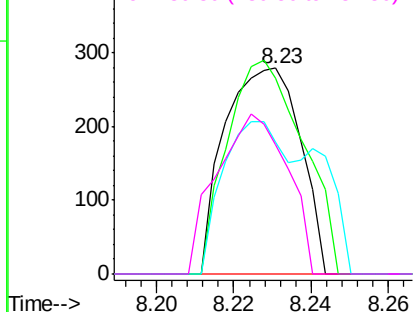


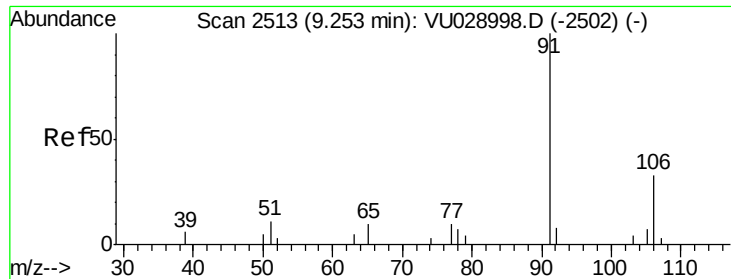
#64
Tetrachloroethene
Concen: 0.258 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Tgt Ion:164 Resp: 379
Ion Ratio Lower Upper
164 100
166 95.3 99.4 149.0#
129 64.2 70.5 105.7#
131 62.7 69.0 103.6#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

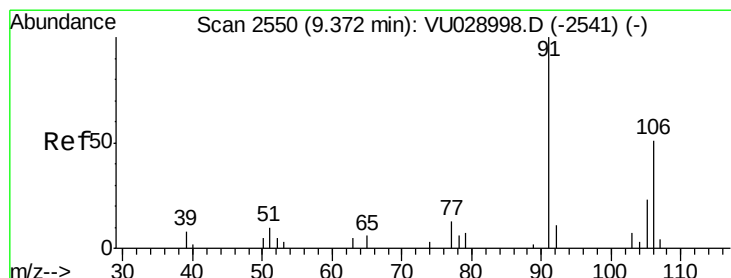
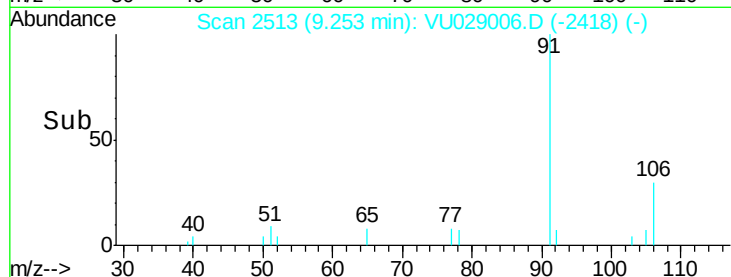
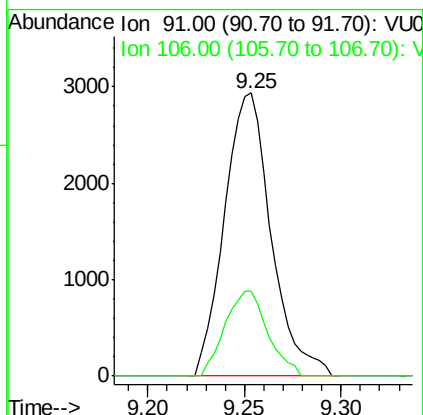
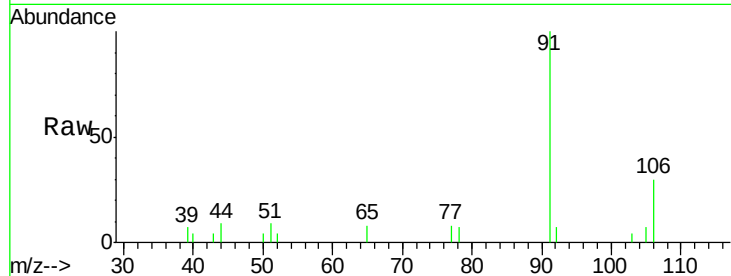




#67
Ethyl Benzene
Concen: 0.647 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

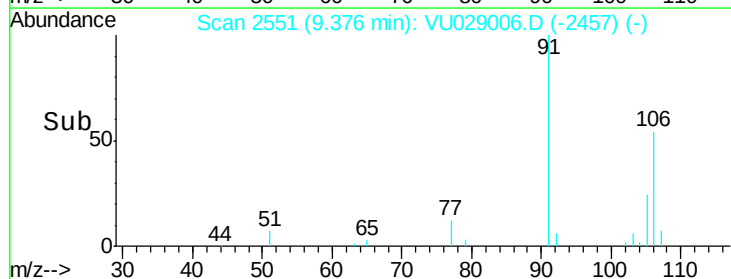
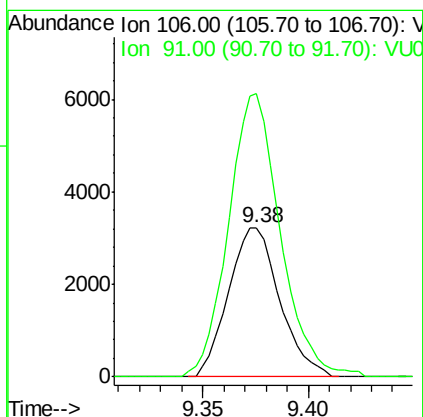
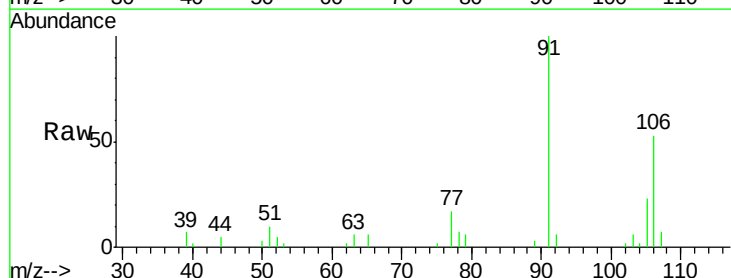
Instrument :
MSVOA_U
ClientSampled :

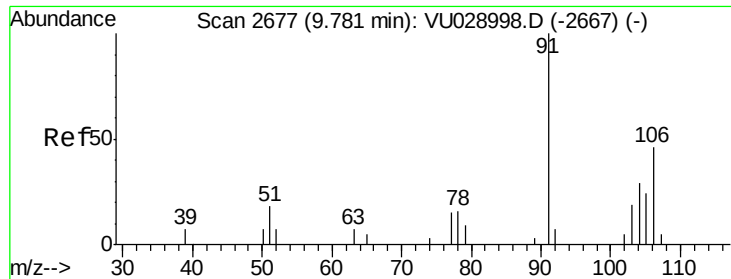
Tot Ion: 91 Resp: 4929
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.4



#68
m/p-Xylenes
Concen: 1.839 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Tgt Ion: 106 Resp: 5445
Ion Ratio Lower Upper
106 100
91 191.2 161.7 242.5

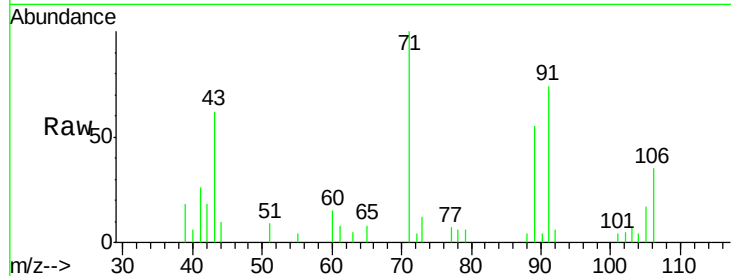




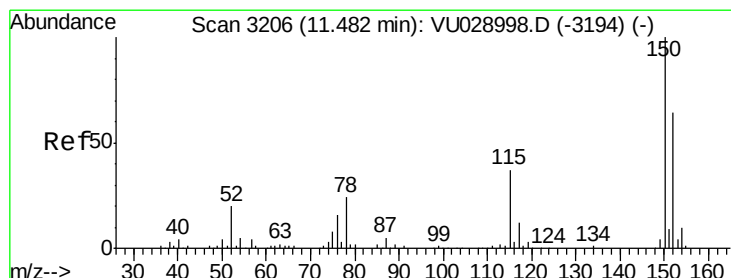
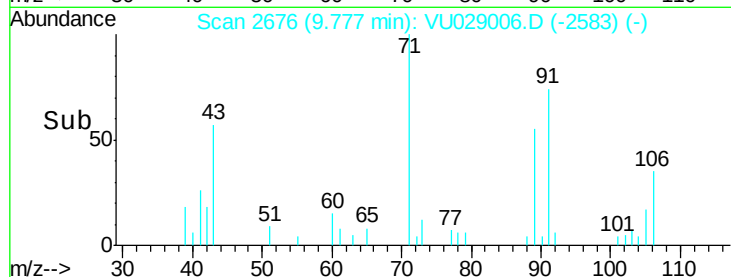
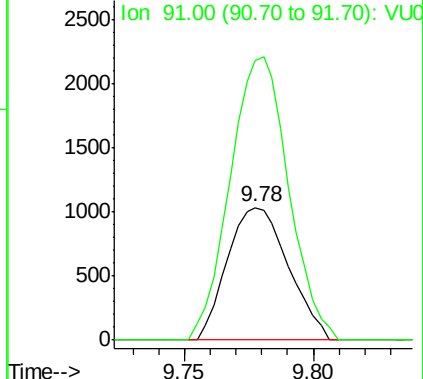
#69
o-Xylene
Concen: 0.595 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 1698
Ion Ratio Lower Upper
106 100
91 204.5 106.1 318.3

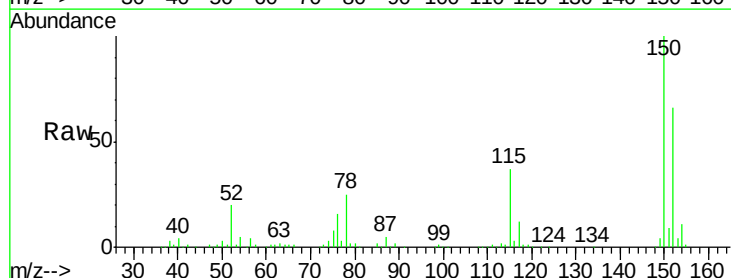


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

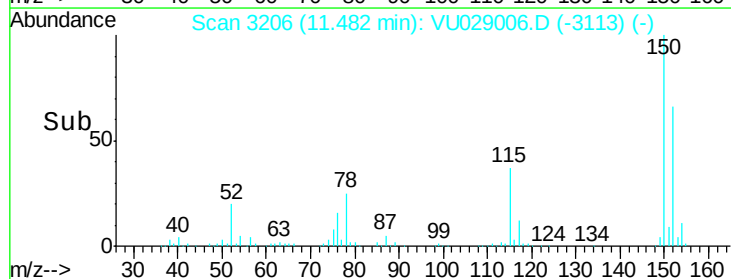
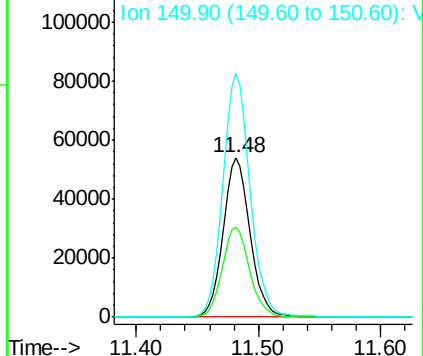


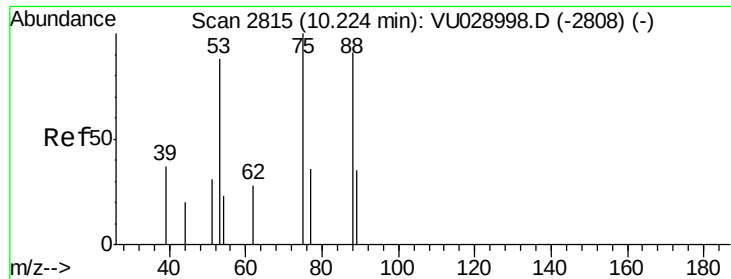
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Tgt Ion:152 Resp: 84057
Ion Ratio Lower Upper
152 100
115 57.0 40.1 120.3
150 154.6 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: 20.396 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

Instrument :

MSVOA_U

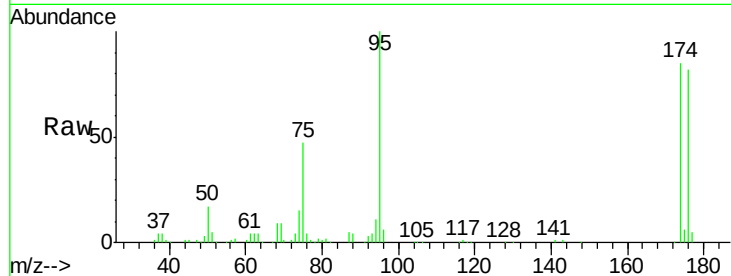
ClientSampleId :

Tot Ion: 75 Resp: 42006

Ion Ratio Lower Upper

75 100

77 1.1 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

25000

20000

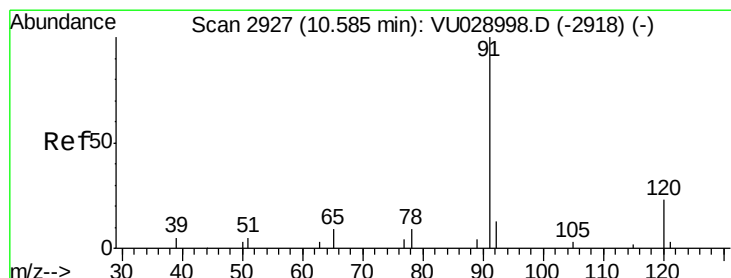
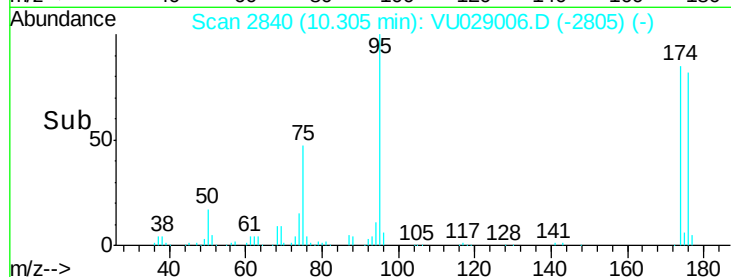
15000

10000

5000

0

Time-->



#78

n-propylbenzene

Concen: 0.257 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.01 min

Lab File: VU029006.D

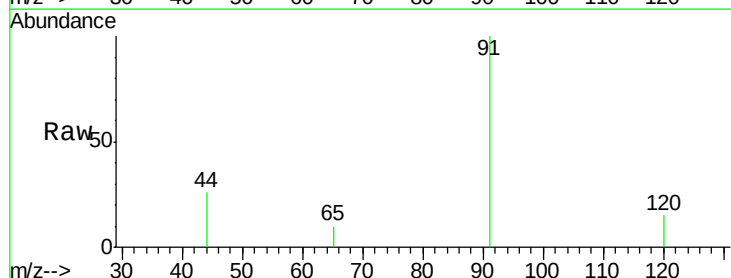
Acq: 03 Jan 2019 18:49

Tgt Ion: 91 Resp: 1886

Ion Ratio Lower Upper

91 100

120 16.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU028998.D (-2918) (-)

Ion 120.00 (119.70 to 120.70): VU028998.D (-2918) (-)

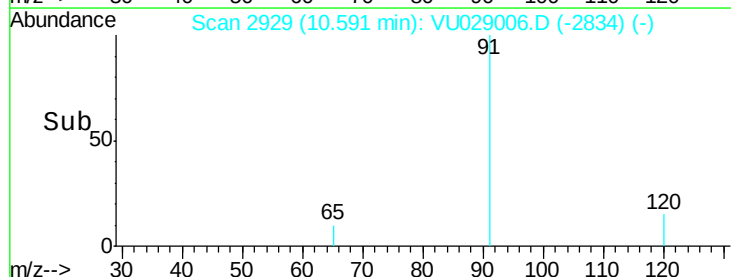
10.59

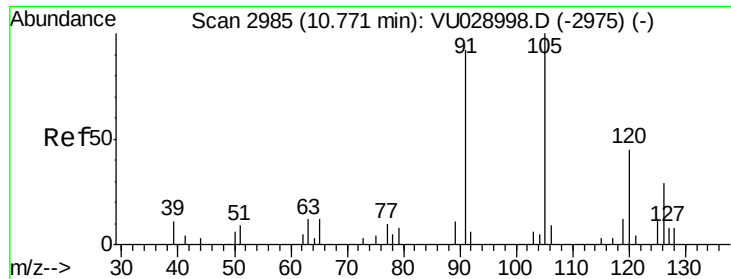
1000

500

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.706 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

Instrument :

MSVOA_U

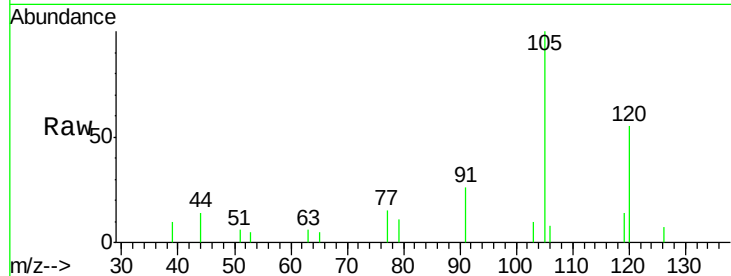
ClientSampleId :

Tot Ion:105 Resp: 3668

Ion Ratio Lower Upper

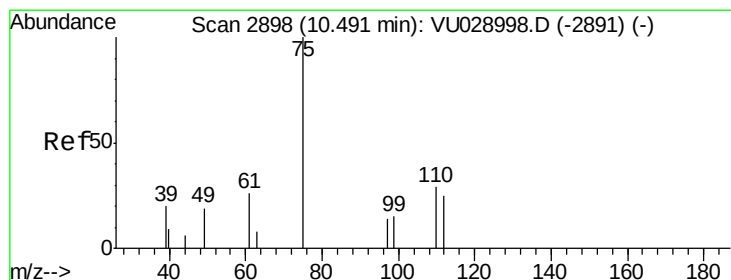
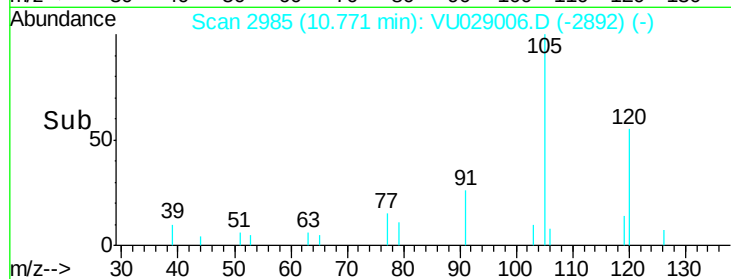
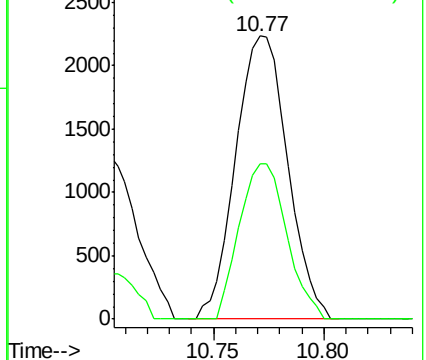
105 100

120 50.1 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: 52.602 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

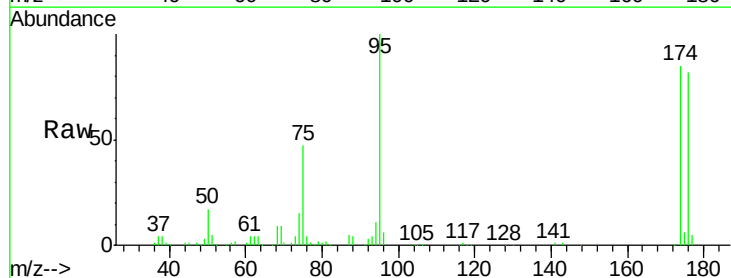
Tgt Ion: 75 Resp: 42006

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

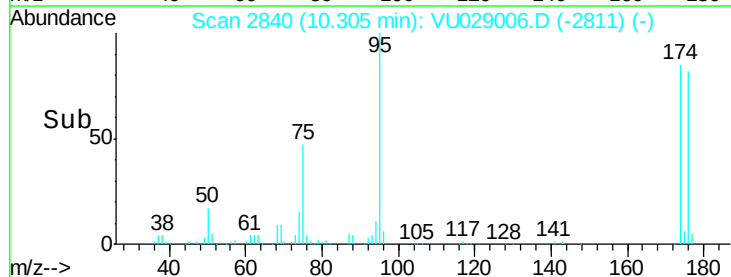
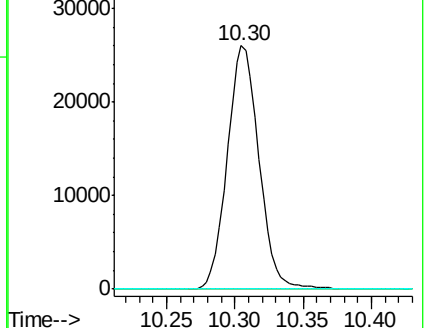
89 0.0 0.0 0.0

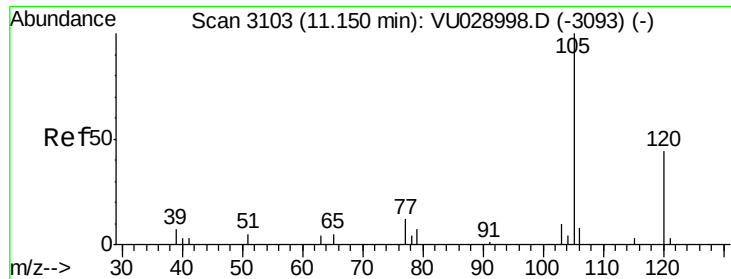


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#84

1,2,4-Trimethylbenzene

Concen: 1.757 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

Instrument :

MSVOA_U

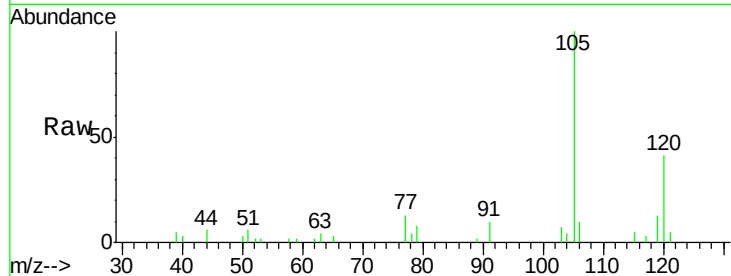
ClientSampleId :

Tot Ion:105 Resp: 9115

Ion Ratio Lower Upper

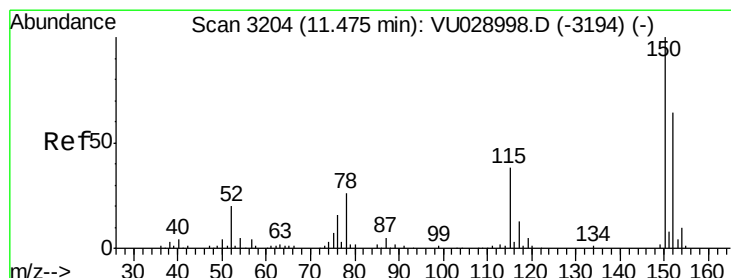
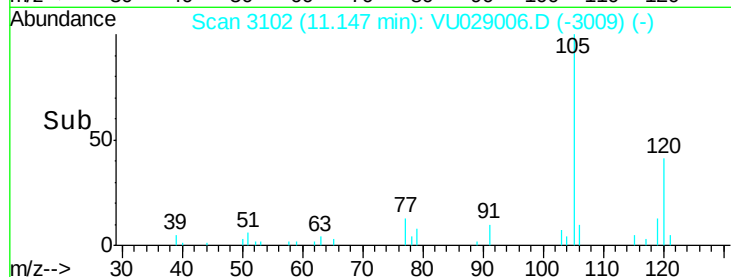
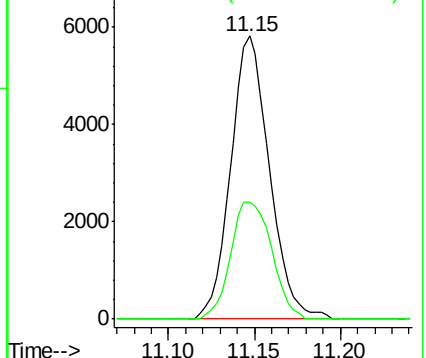
105 100

120 43.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.218 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

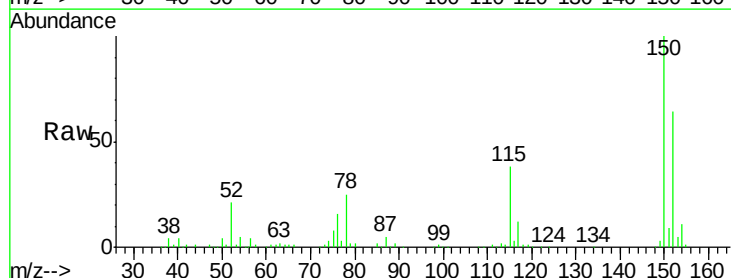
Tgt Ion:119 Resp: 1149

Ion Ratio Lower Upper

119 100

134 27.9 13.5 40.4

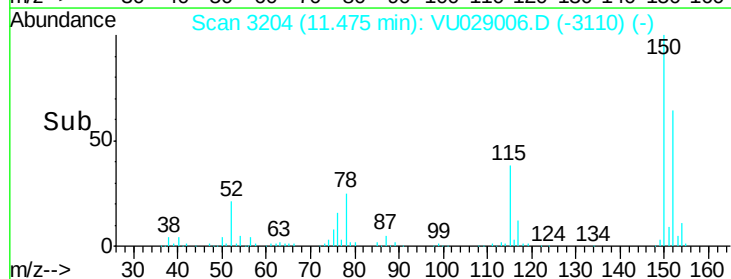
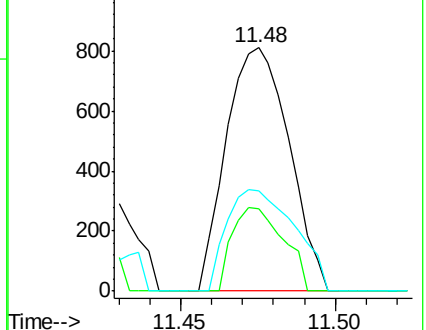
91 45.2 11.3 33.8#

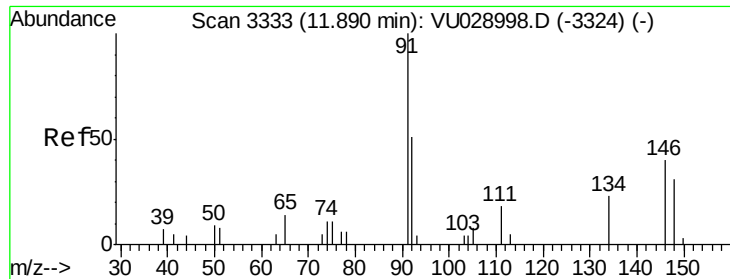


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

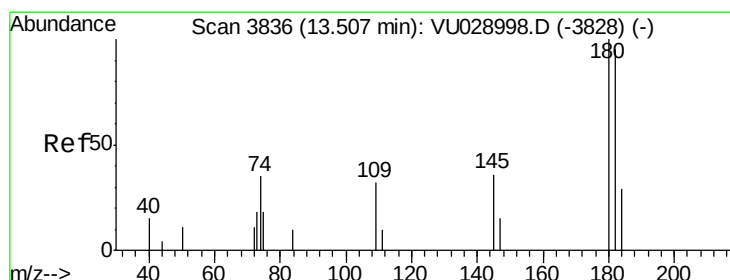
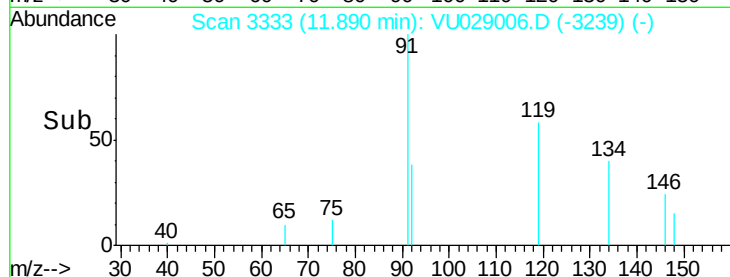
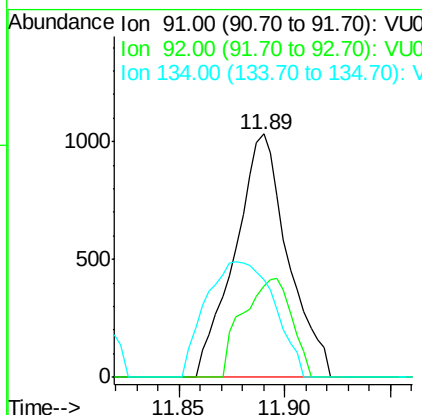
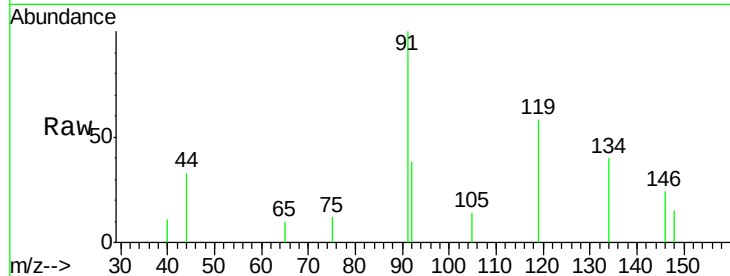




#89
n-Butylbenzene
Concen: 0.384 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

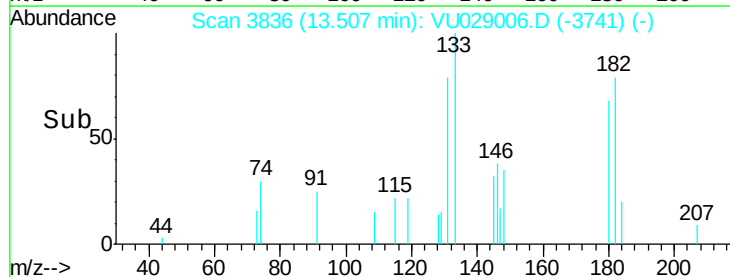
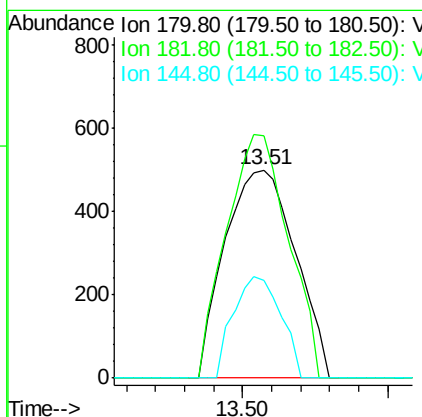
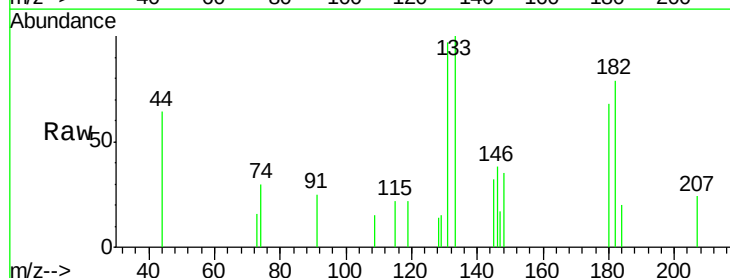
Instrument :
MSVOA_U
ClientSampleId :

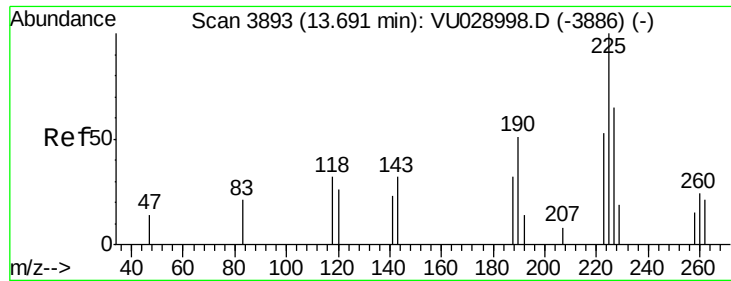
Tot Ion: 91 Resp: 1807
Ion Ratio Lower Upper
91 100
92 37.4 26.2 78.5
134 61.3 12.6 37.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.441 ug/l
RT: 13.51 min Scan# 3836
Delta R.T. 0.01 min
Lab File: VU029006.D
Acq: 03 Jan 2019 18:49

Tgt Ion: 180 Resp: 844
Ion Ratio Lower Upper
180 100
182 102.6 47.5 142.6
145 32.7 14.0 42.0





#94

Hexachlorobutadiene

Concen: 0.257 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

Instrument :

MSVOA_U

ClientSampleId :

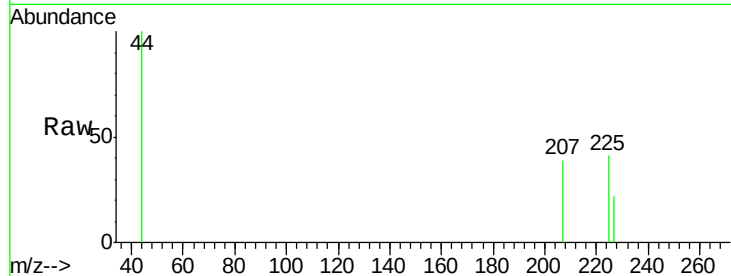
Tot Ion:225 Resp: 225

Ion Ratio Lower Upper

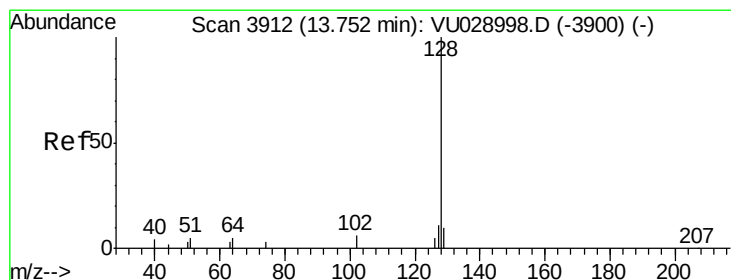
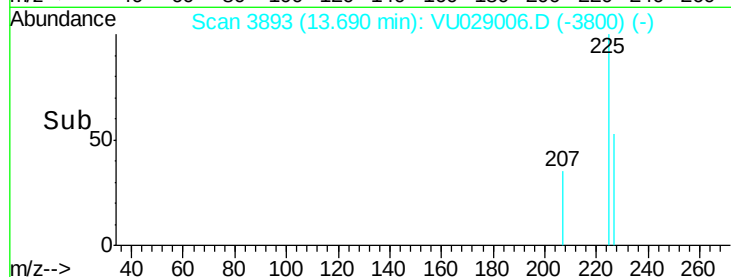
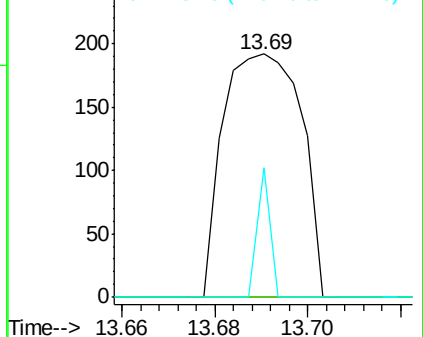
225 100

223 0.0 31.4 94.0#

227 8.9 31.9 95.5#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 6.445 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029006.D

Acq: 03 Jan 2019 18:49

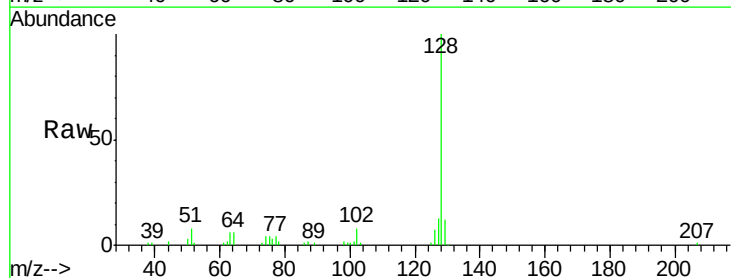
Tgt Ion:128 Resp: 41924

Ion Ratio Lower Upper

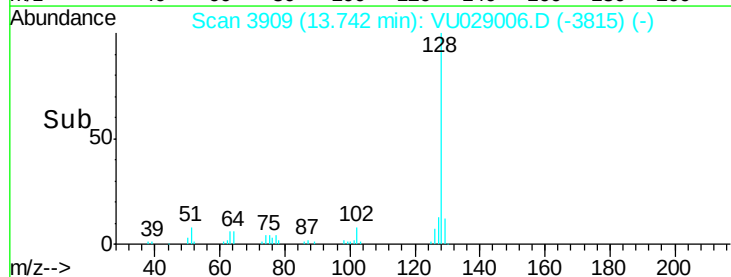
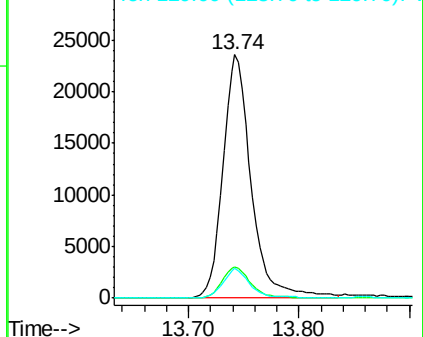
128 100

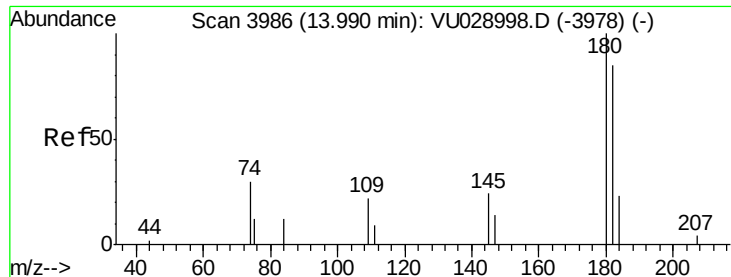
127 12.6 10.1 15.1

129 11.0 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: 1.332 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU029006.D
 Acq: 03 Jan 2019 18:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 1113
 Ion Ratio Lower Upper
 180 100
 182 91.1 48.1 144.3
 145 35.1 14.8 44.4

