

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029128.D
 Acq On : 10 Jan 2019 19:31
 Operator : MD/SY
 Sample : K1123-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPGP-03

Quant Time: Jan 11 02:49:16 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

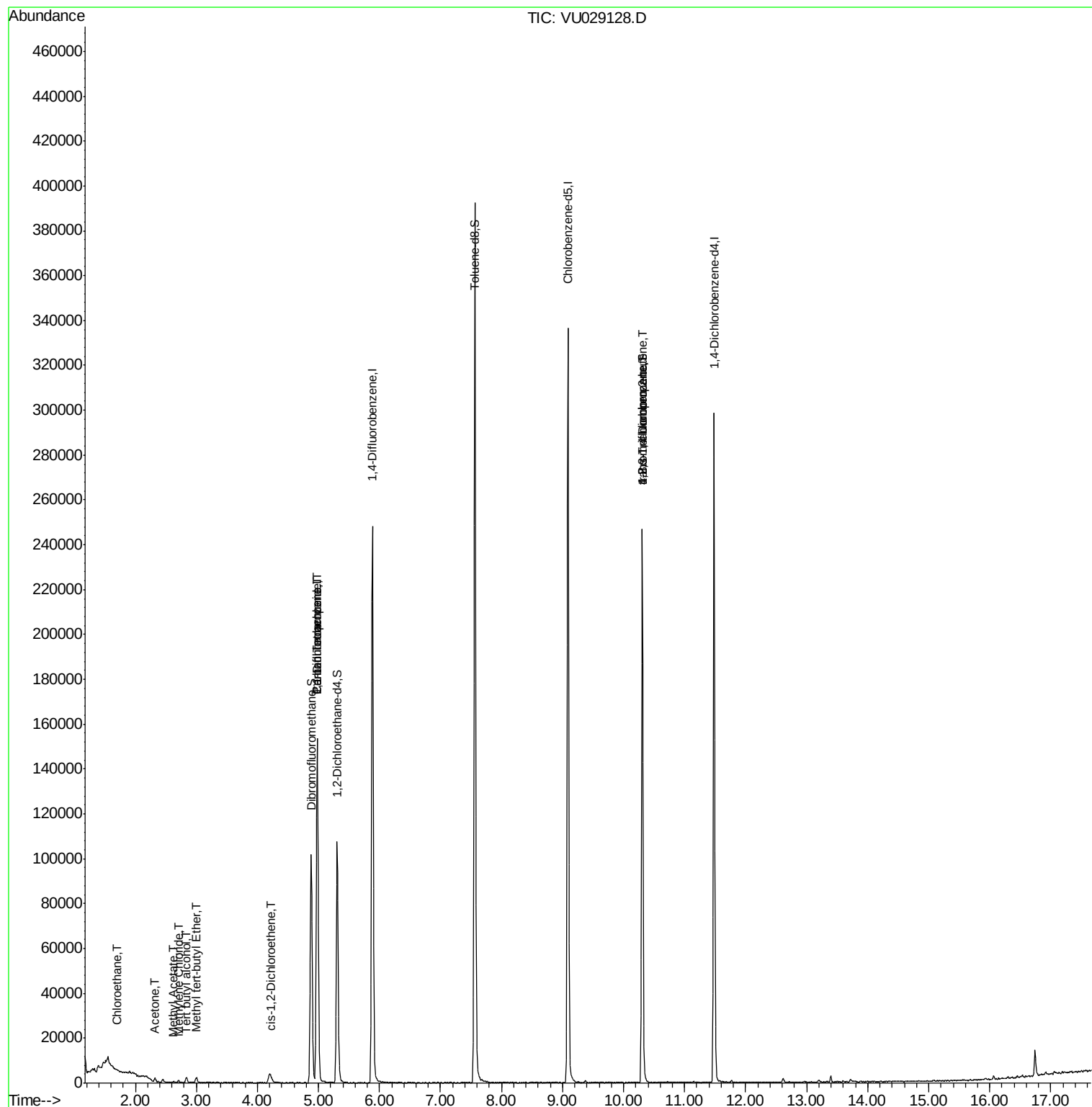
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	126262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	216681	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	198209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	83378	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	4.88	113	72899	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	7.56	98	272995	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	10.30	95	87467	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1135	Below Cal		96
5) Bromomethane	1.63	94	99	Below Cal	#	2
6) Chloroethane	1.70	64	465	0.423	ug/l #	74
11) Tert butyl alcohol	2.84	59	1559	3.929	ug/l #	73
16) Acetone	2.32	43	1971	2.005	ug/l	99
17) Carbon Disulfide	2.48	76	606	Below Cal	#	75
18) Methyl Acetate	2.63	43	627	0.274	ug/l #	51
19) Methyl tert-butyl Ether	3.00	73	2945	0.640	ug/l	92
20) Methylene Chloride	2.70	84	352	0.211	ug/l #	84
27) cis-1,2-Dichloroethene	4.22	96	693	0.416	ug/l	81
31) Cyclohexane	4.98	56	2401	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9378	4.330	ug/l #	45
38) Carbon Tetrachloride	4.98	117	11346	6.281	ug/l #	16
76) 1,2,3-Trichloropropane	10.30	75	41022	20.796	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	41022	53.633	ug/l #	100

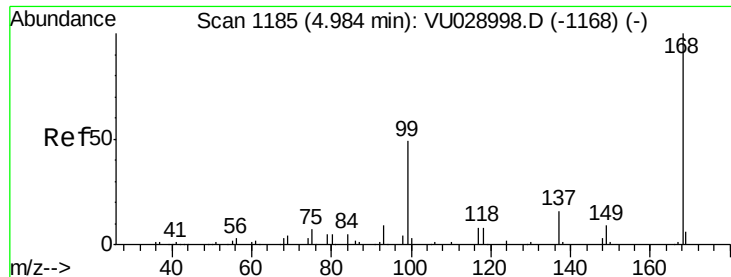
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029128.D

Acq: 10 Jan 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

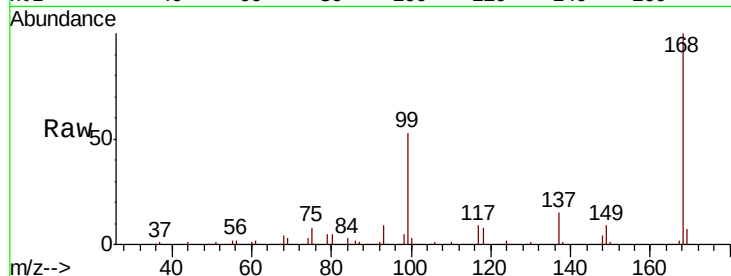
CPGP-03

Tgt Ion: 168 Resp: 126262

Ion Ratio Lower Upper

168 100

99 52.5 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

50000

40000

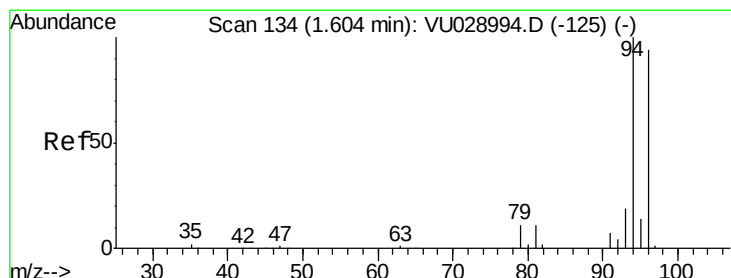
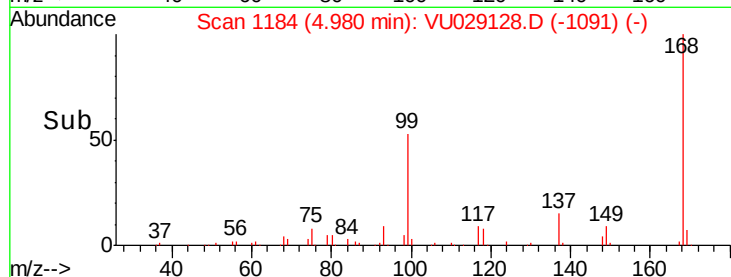
30000

20000

10000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 142

Delta R.T. 0.03 min

Lab File: VU029128.D

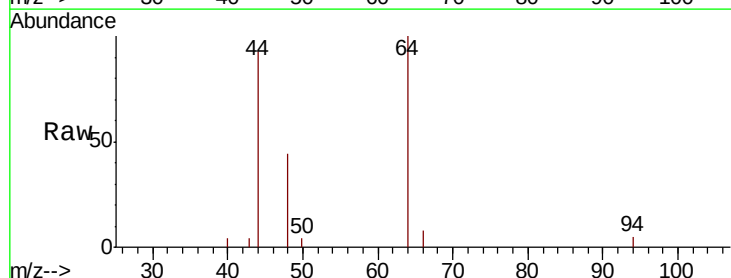
Acq: 10 Jan 2019 19:31

Tgt Ion: 94 Resp: 99

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) (-)

1.63

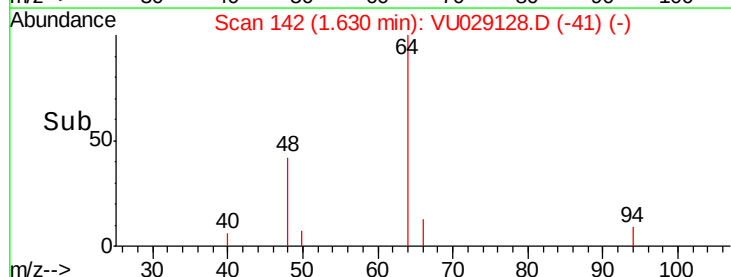
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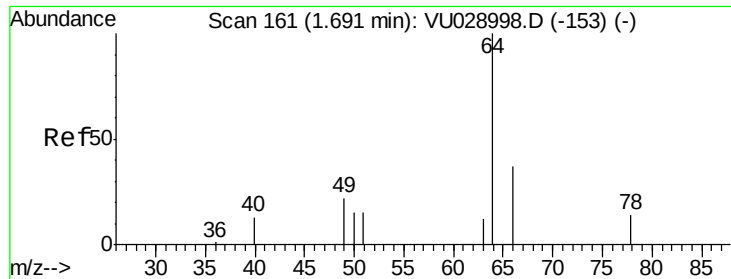
100

50

0

Time-->

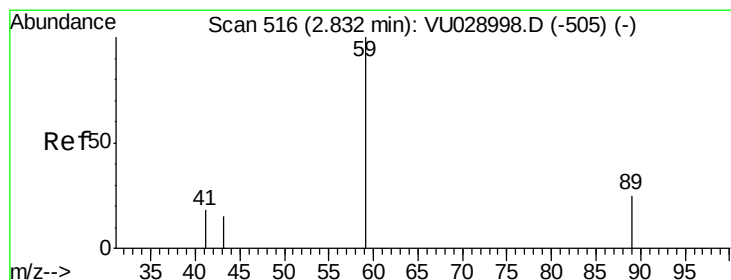
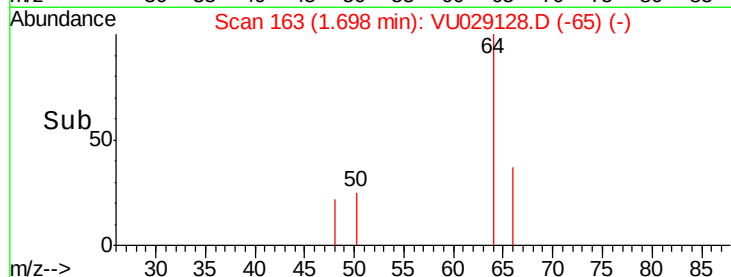
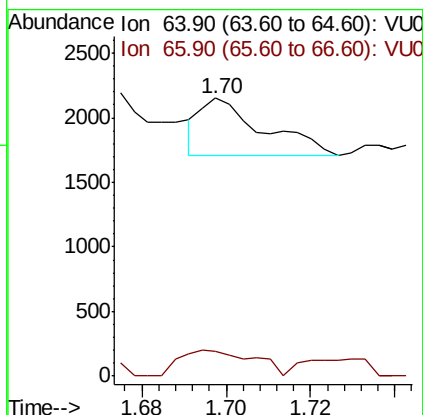
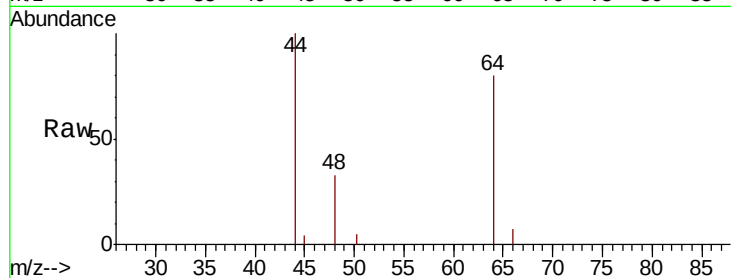




#6
 Chloroethane
 Concen: 0.423 ug/l
 RT: 1.70 min Scan# 163
 Delta R.T. 0.02 min
 Lab File: VU029128.D
 Acq: 10 Jan 2019 19:31

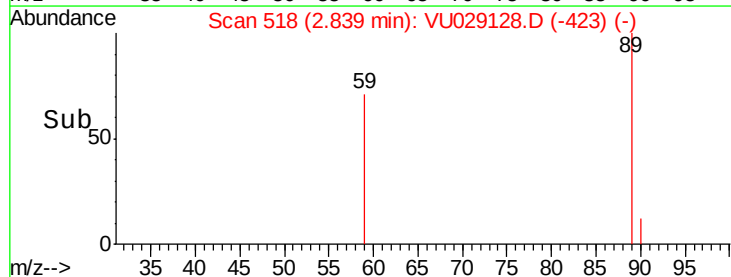
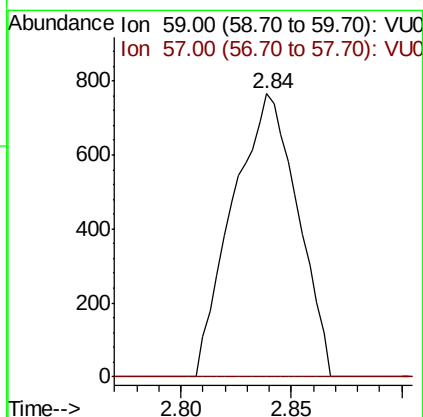
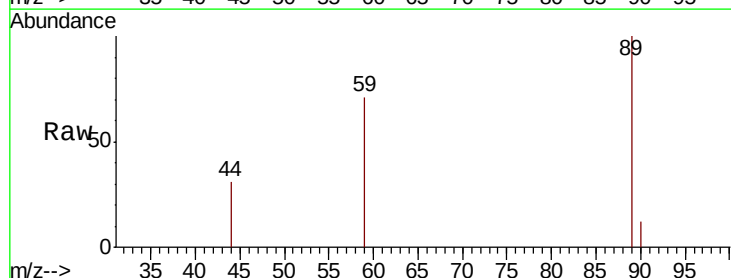
Instrument :
 MSVOA_U
 ClientSampleId :
 CPGP-03

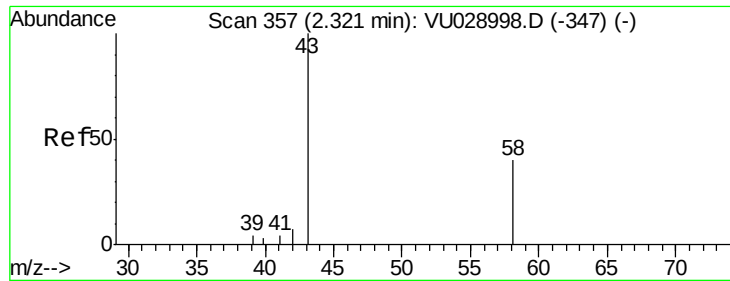
Tgt Ion: 64 Resp: 465
 Ion Ratio Lower Upper
 64 100
 66 17.3 25.2 37.8#



#11
 Tert butyl alcohol
 Concen: 3.929 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VU029128.D
 Acq: 10 Jan 2019 19:31

Tgt Ion: 59 Resp: 1559
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#





#16

Acetone

Concen: 2.005 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029128.D

Acq: 10 Jan 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

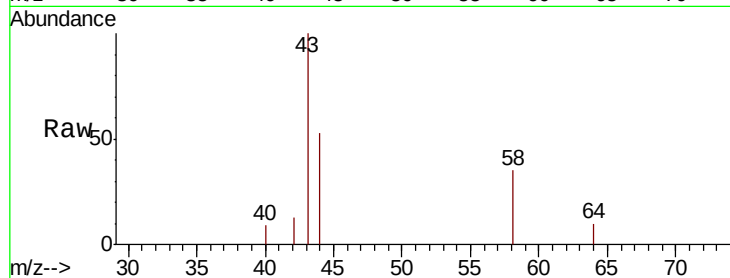
CPGP-03

Tgt Ion: 43 Resp: 1971

Ion Ratio Lower Upper

43 100

58 35.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

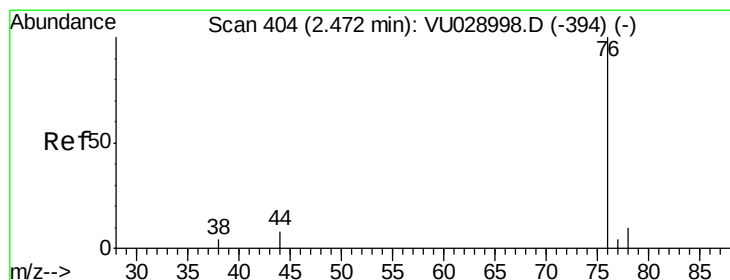
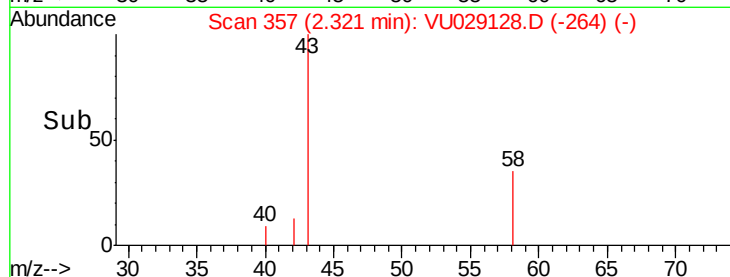
1000

500

0

Time-->

2.30 2.35



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU029128.D

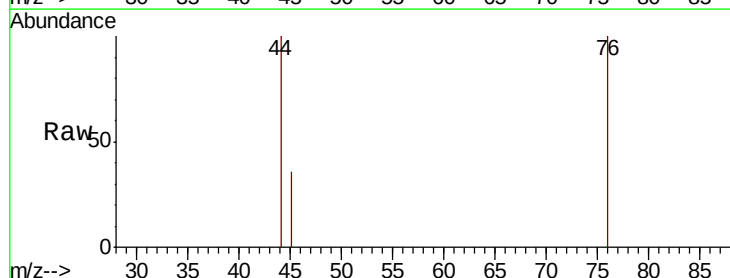
Acq: 10 Jan 2019 19:31

Tgt Ion: 76 Resp: 606

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

2.48

400

300

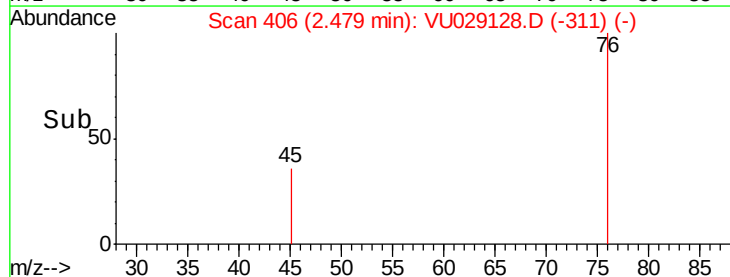
200

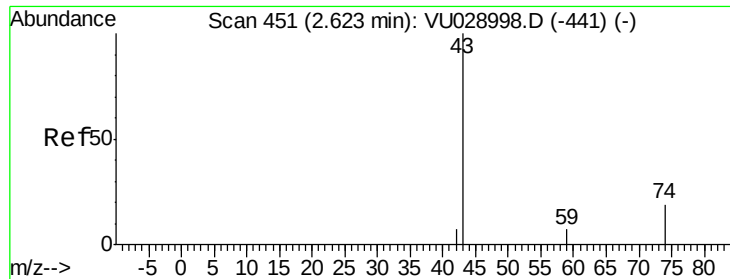
100

0

Time-->

2.44 2.46 2.48 2.50

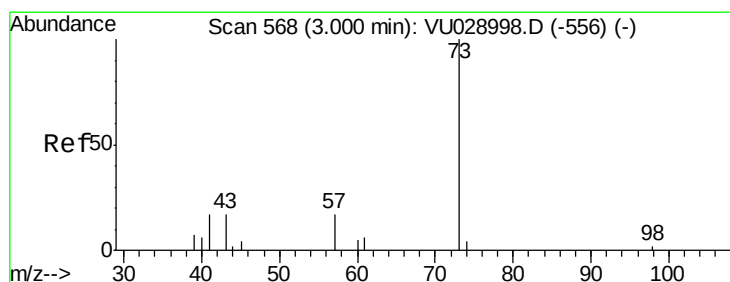
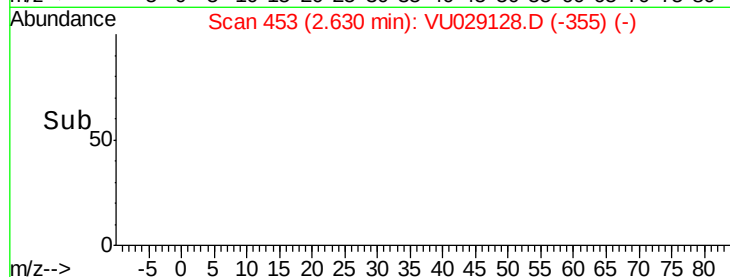
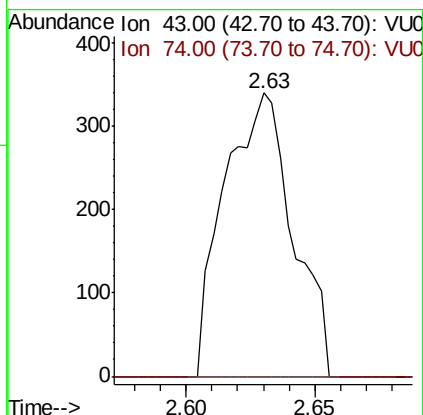
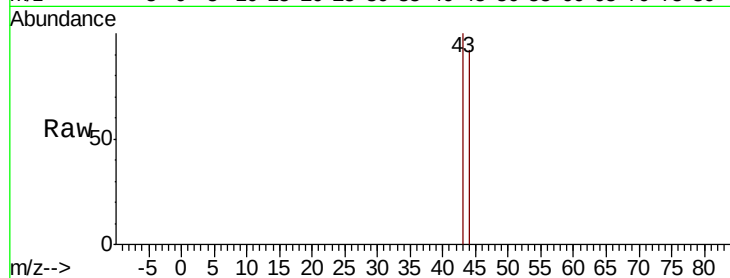




#18
Methyl Acetate
Concen: 0.274 ug/l
RT: 2.63 min Scan# 453
Delta R.T. 0.02 min
Lab File: VU029128.D
Acq: 10 Jan 2019 19:31

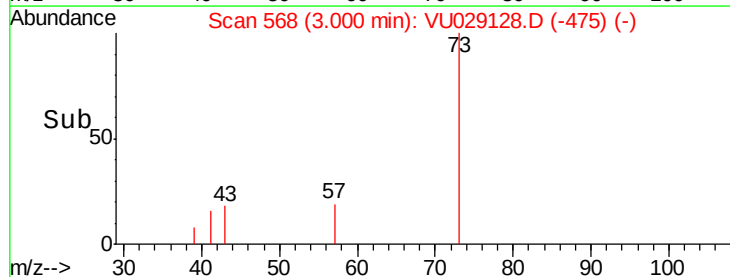
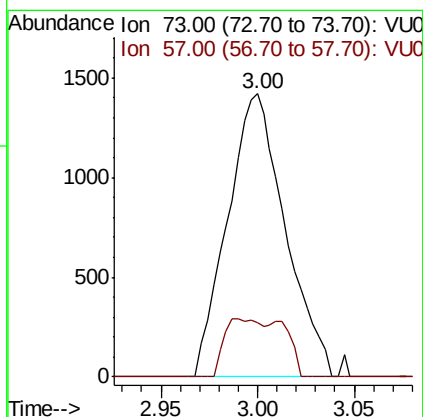
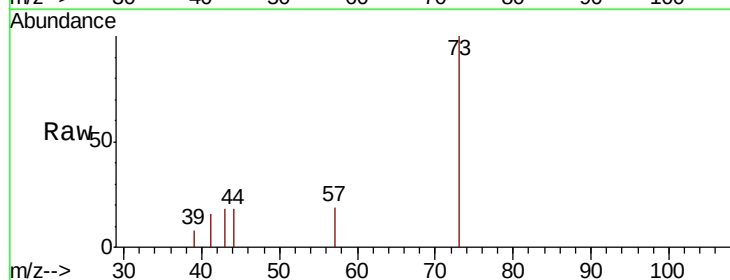
Instrument :
MSVOA_U
ClientSampleId :
CPGP-03

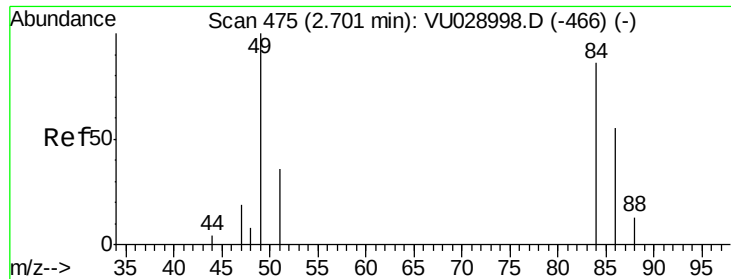
Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#19
Methyl tert-butyl Ether
Concen: 0.640 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU029128.D
Acq: 10 Jan 2019 19:31

Tgt Ion: 73 Resp: 2945
Ion Ratio Lower Upper
73 100
57 19.2 18.6 28.0

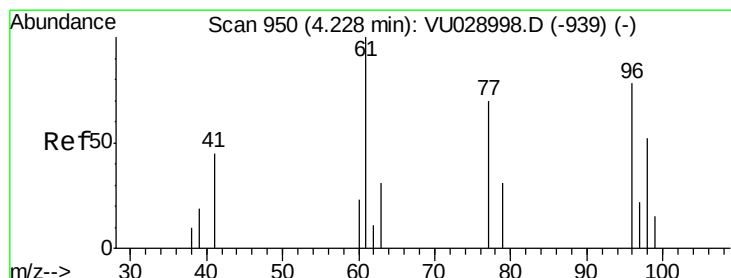
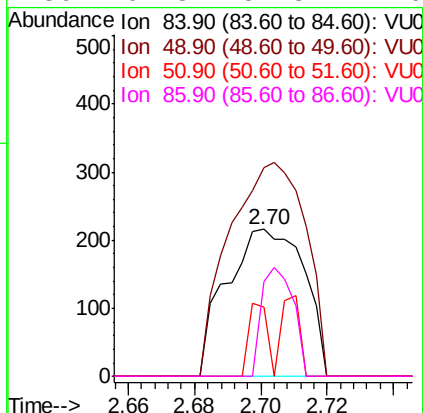
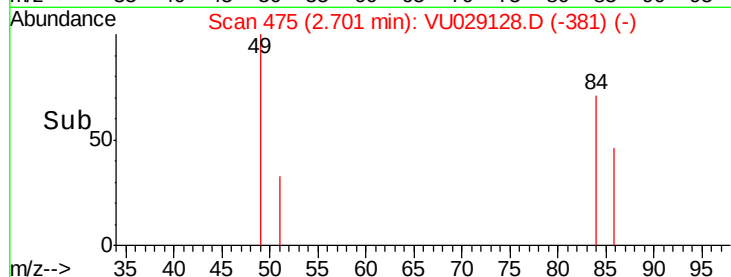
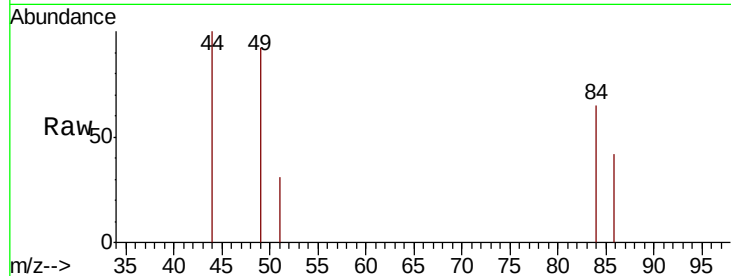




#20
Methylene Chloride
Concen: 0.211 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029128.D
Acq: 10 Jan 2019 19:31

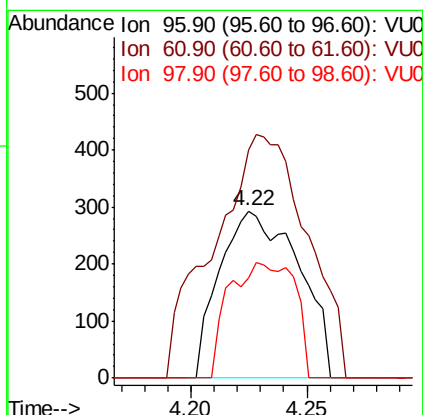
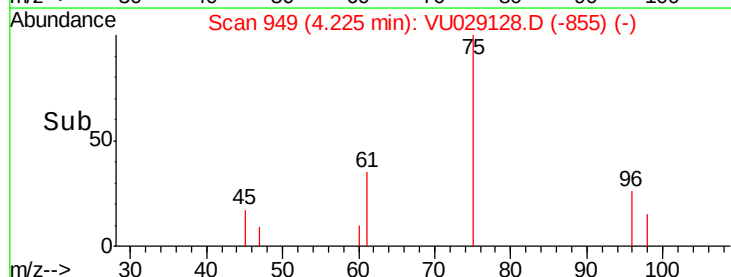
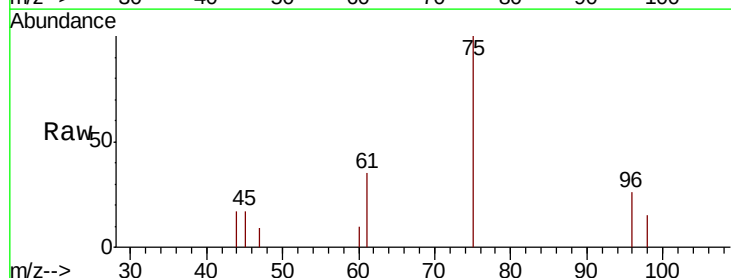
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ClientSampleId :
CPGP-03

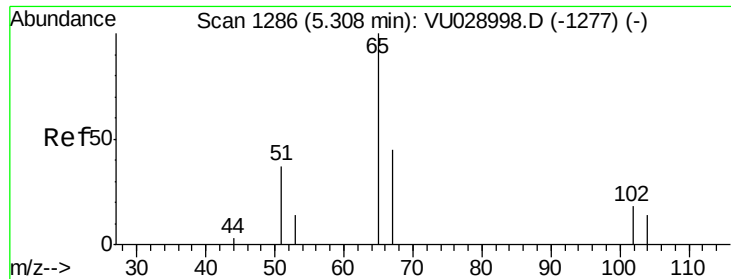
Tgt Ion: 84 Resp: 352
Ion Ratio Lower Upper
84 100
49 141.7 91.9 137.9#
51 47.2 29.2 43.8#
86 64.8 51.8 77.6



#27
cis-1,2-Dichloroethene
Concen: 0.416 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU029128.D
Acq: 10 Jan 2019 19:31

Tgt Ion: 96 Resp: 693
Ion Ratio Lower Upper
96 100
61 171.9 0.0 285.6
98 57.0 0.0 130.2

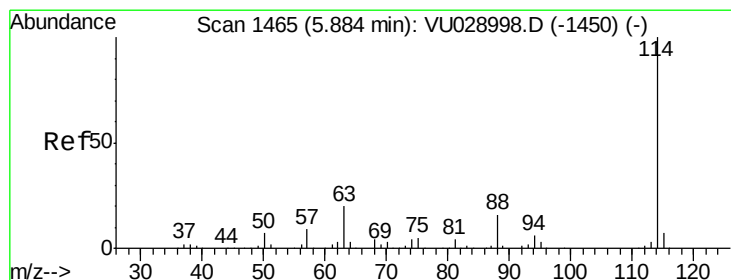
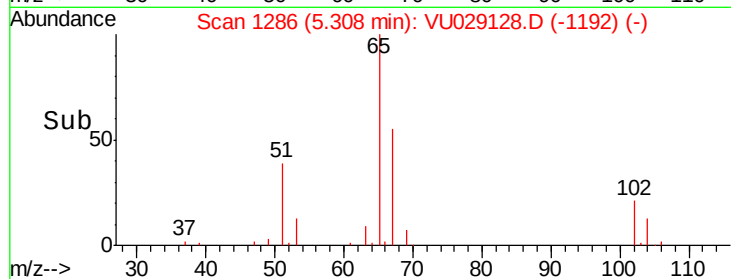
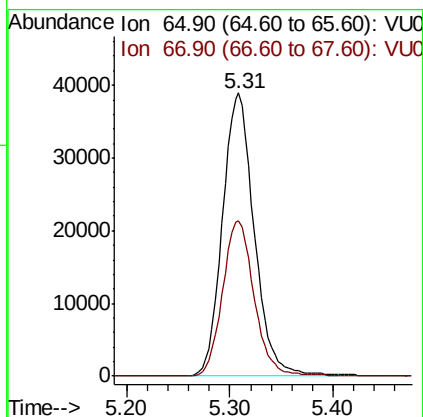
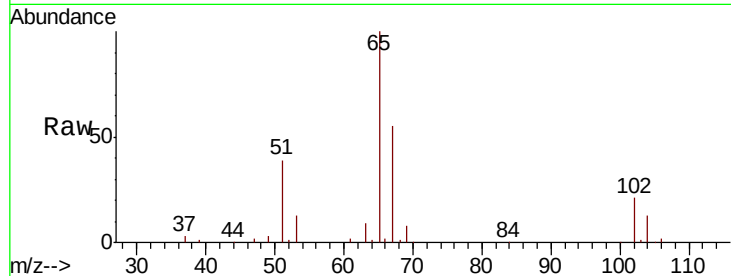




#33
 1,2-Dichloroethane-d4
 Concen: 53.418 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029128.D
 Acq: 10 Jan 2019 19:31

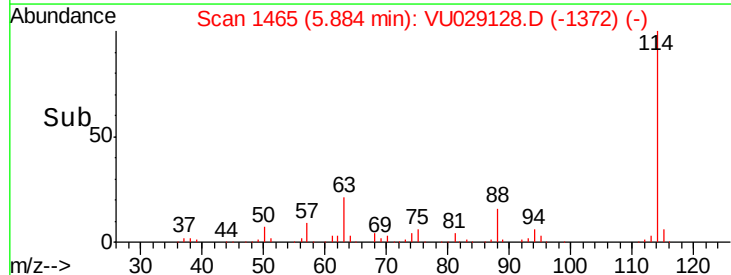
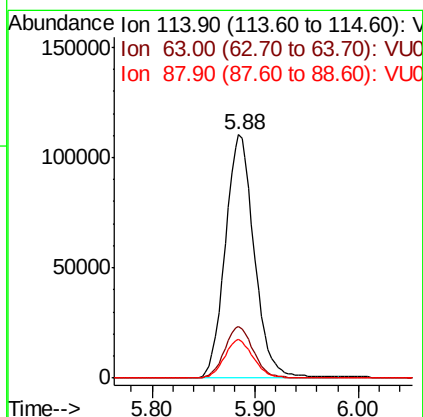
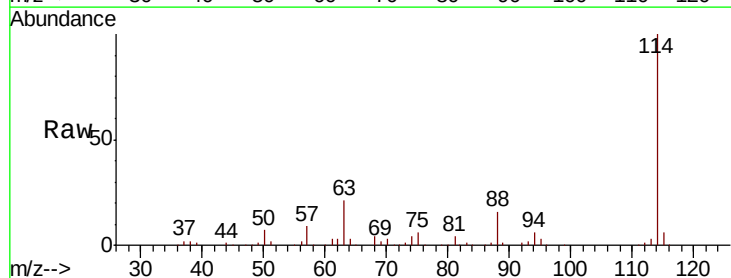
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 ClientSampled :
 CPGP-03

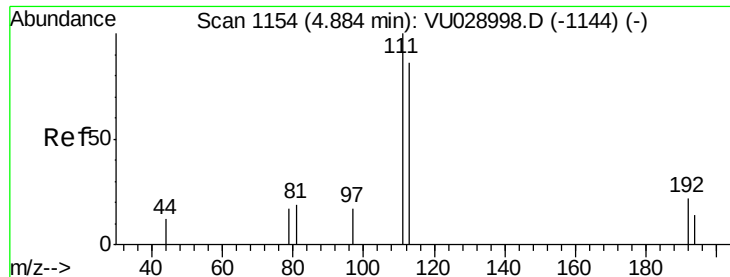
Tgt Ion: 65 Resp: 83378
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029128.D
 Acq: 10 Jan 2019 19:31

Tgt Ion: 114 Resp: 216681
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.2
 88 16.0 0.0 30.4

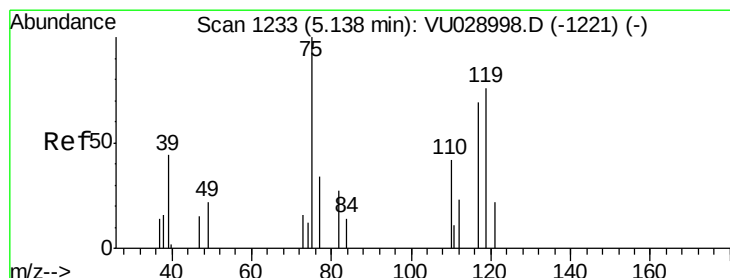
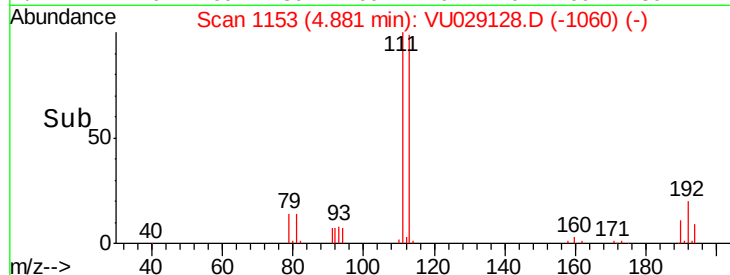
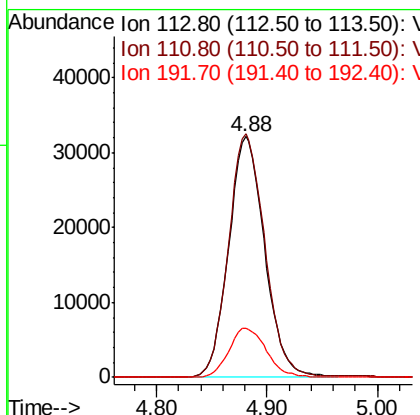
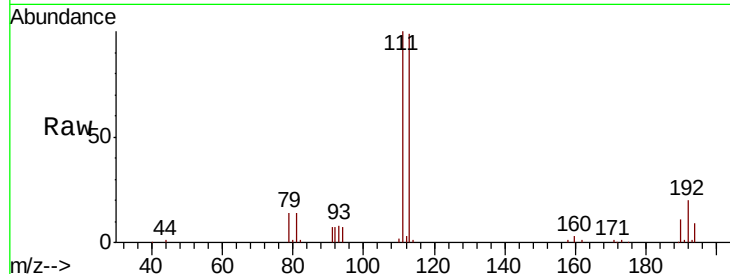




#35
 Dibromofluoromethane
 Concen: 51.901 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029128.D
 Acq: 10 Jan 2019 19:31

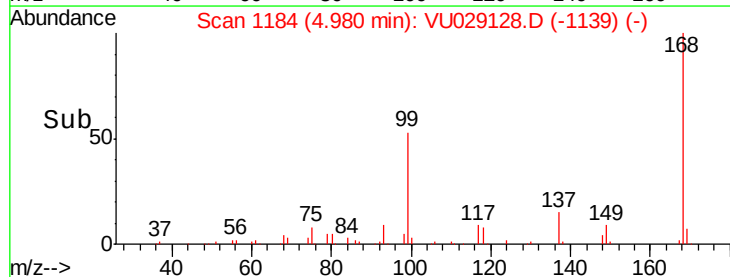
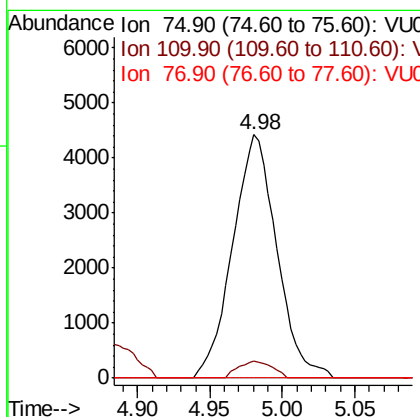
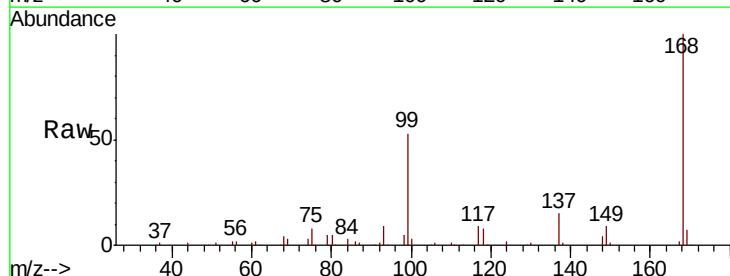
Instrument :
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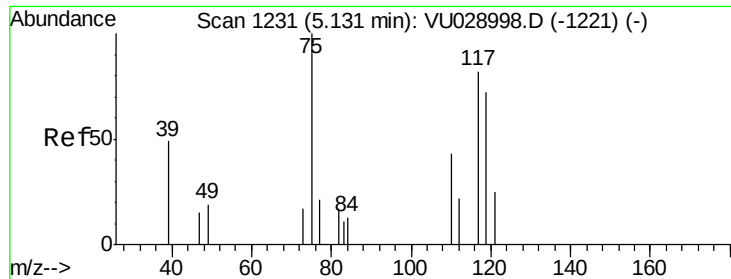
Tgt Ion:113 Resp: 72899
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.2
 192 21.3 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.330 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029128.D
 Acq: 10 Jan 2019 19:31

Tgt Ion: 75 Resp: 9378
 Ion Ratio Lower Upper
 75 100
 110 5.4 18.4 55.4#
 77 0.0 25.1 37.7#

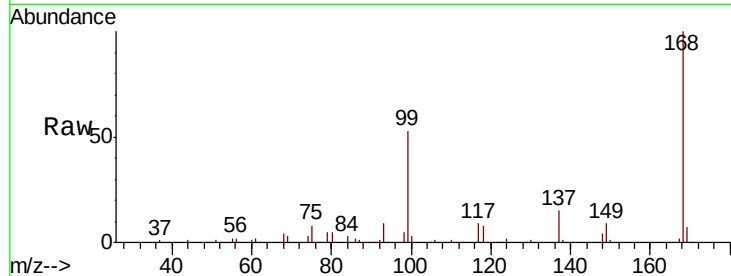




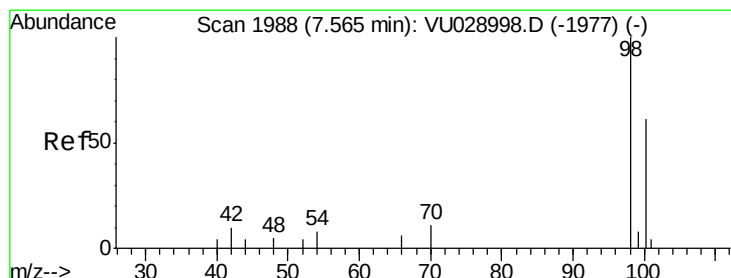
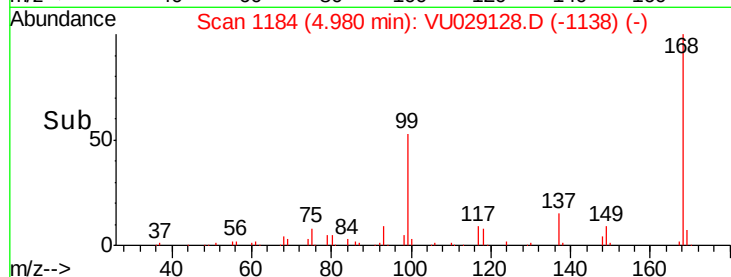
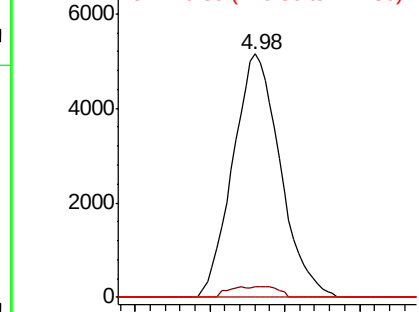
#38
Carbon Tetrachloride
Concen: 6.281 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029128.D
Acq: 10 Jan 2019 19:31

Instrument :
MSVOA_U
ClientSampleId :
CPGP-03

Tgt Ion:117 Resp: 11346
Ion Ratio Lower Upper
117 100
119 4.2 74.6 111.8#
121 0.0 25.0 37.6#

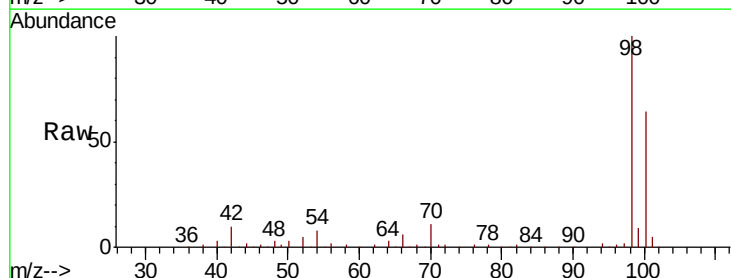


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

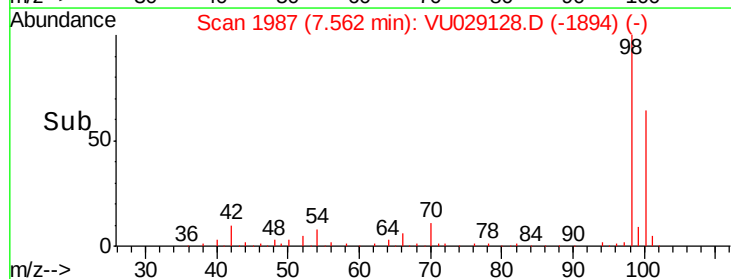
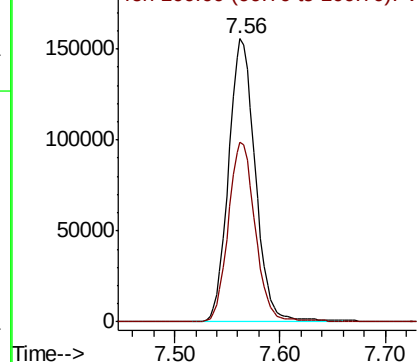


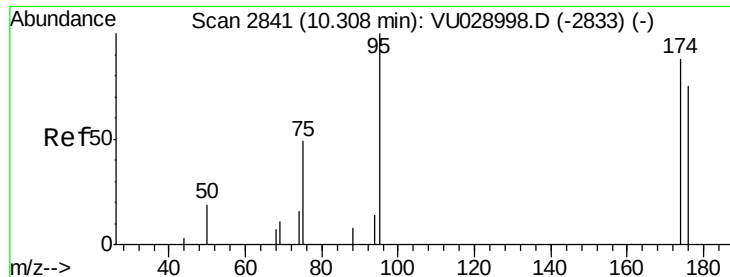
#50
Toluene-d8
Concen: 49.231 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029128.D
Acq: 10 Jan 2019 19:31

Tgt Ion: 98 Resp: 272995
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

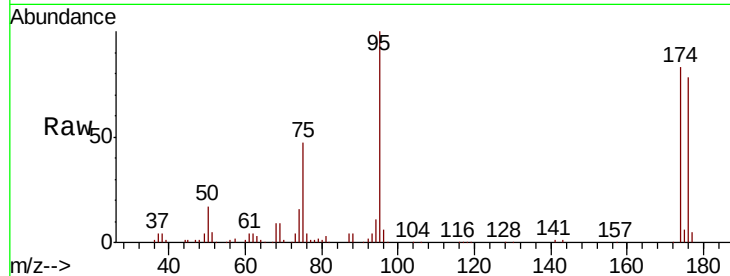




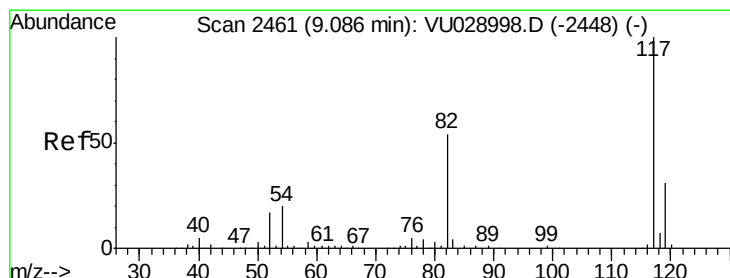
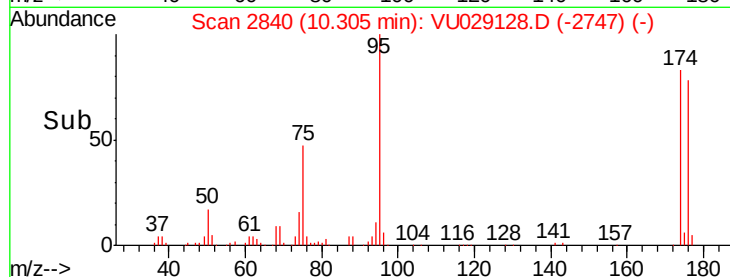
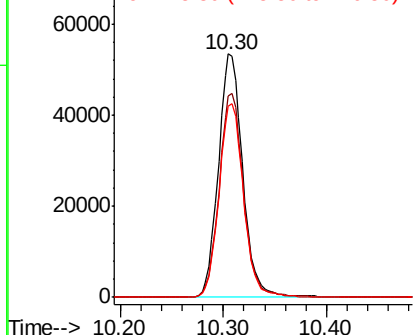
#62
4-Bromofluorobenzene
Concen: 43.891 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029128.D
Acq: 10 Jan 2019 19:31

Instrument :
MSVOA_U
ClientSampleId :
CPGP-03

Tgt Ion: 95 Resp: 87467
Ion Ratio Lower Upper
95 100
174 84.2 0.0 170.6
176 80.1 0.0 165.0

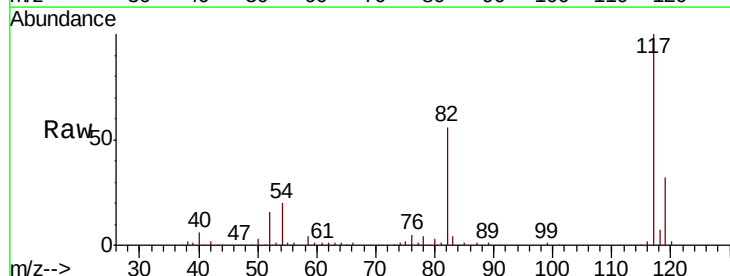


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

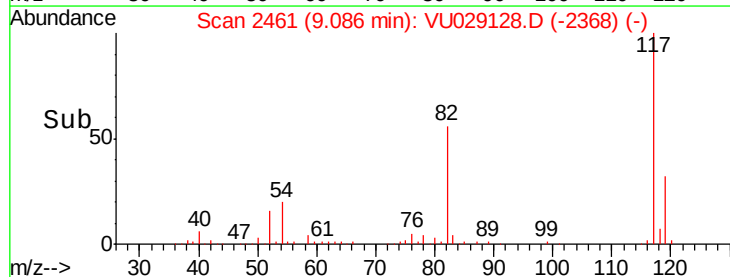
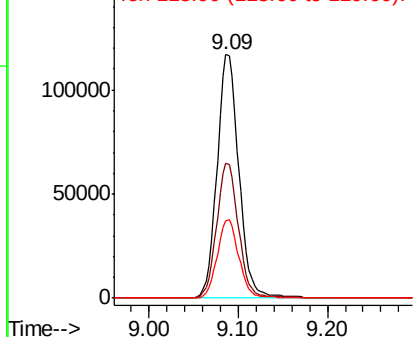


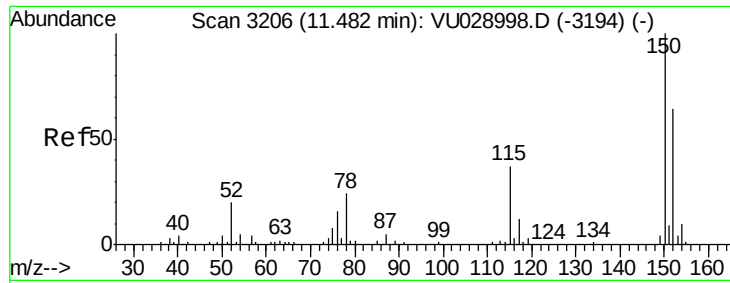
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029128.D
Acq: 10 Jan 2019 19:31

Tgt Ion: 117 Resp: 198209
Ion Ratio Lower Upper
117 100
82 55.6 43.9 65.9
119 31.7 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029128.D

Acq: 10 Jan 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

CPGP-03

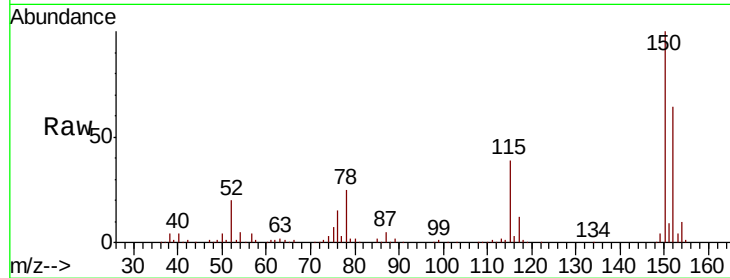
Tgt Ion:152 Resp: 80510

Ion Ratio Lower Upper

152 100

115 57.9 40.1 120.3

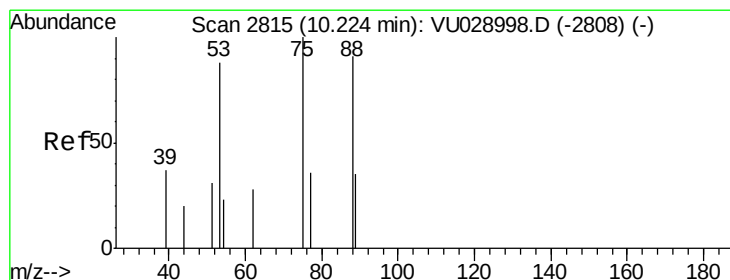
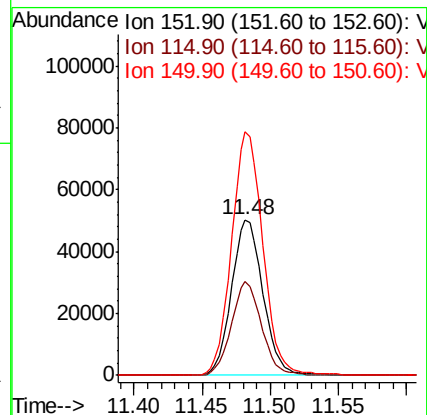
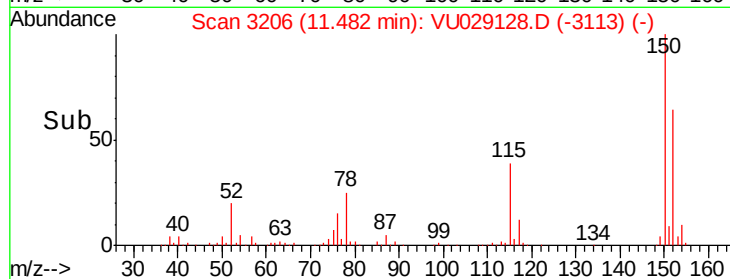
150 156.1 0.0 345.2



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: 20.796 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029128.D

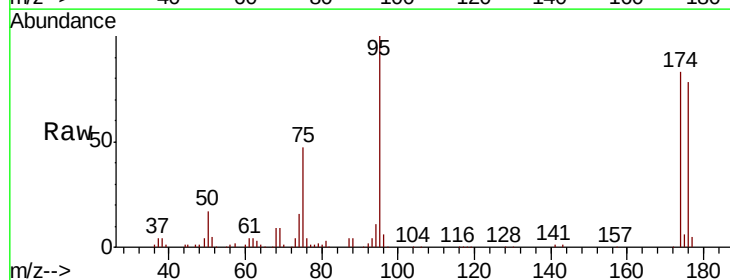
Acq: 10 Jan 2019 19:31

Tgt Ion: 75 Resp: 41022

Ion Ratio Lower Upper

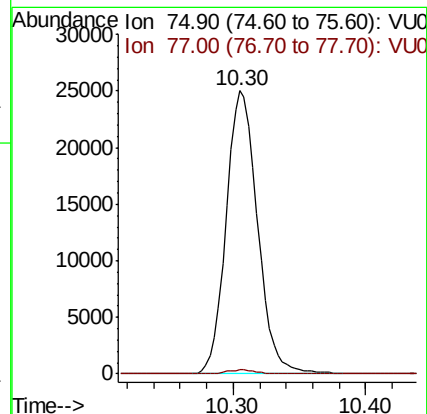
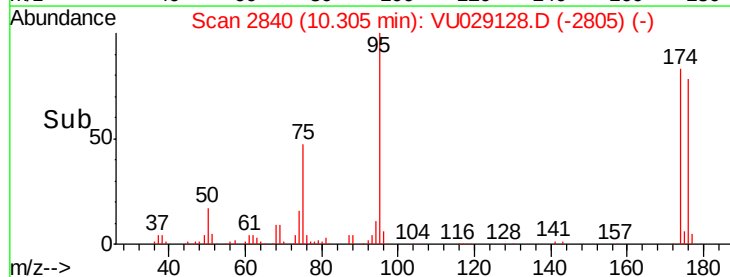
75 100

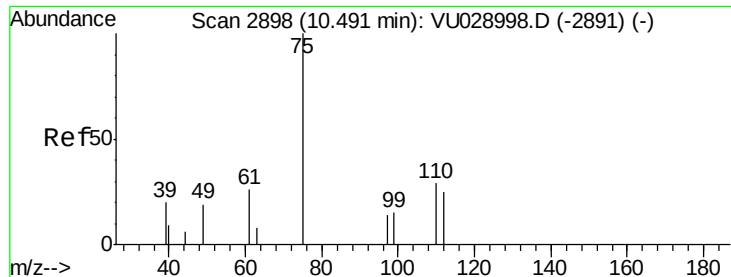
77 1.2 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.633 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029128.D

Acq: 10 Jan 2019 19:31

Instrument :

MSVOA_U

ClientSampleId :

CPGP-03

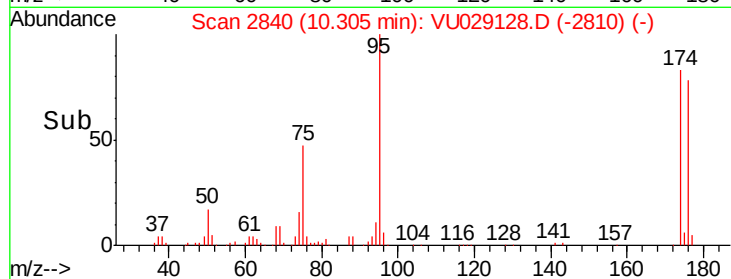
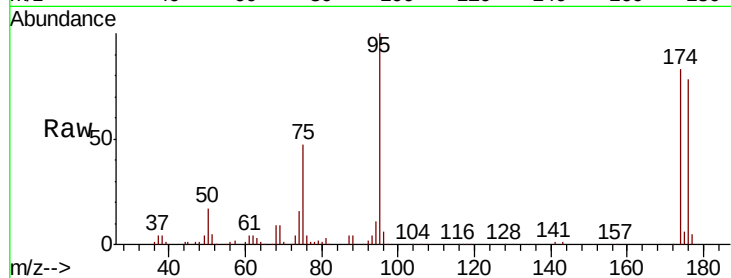
Tgt Ion: 75 Resp: 41022

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

