

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029126.D
 Acq On : 10 Jan 2019 18:42
 Operator : MD/SY
 Sample : K1123-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPGP-02

Quant Time: Jan 11 02:48:56 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

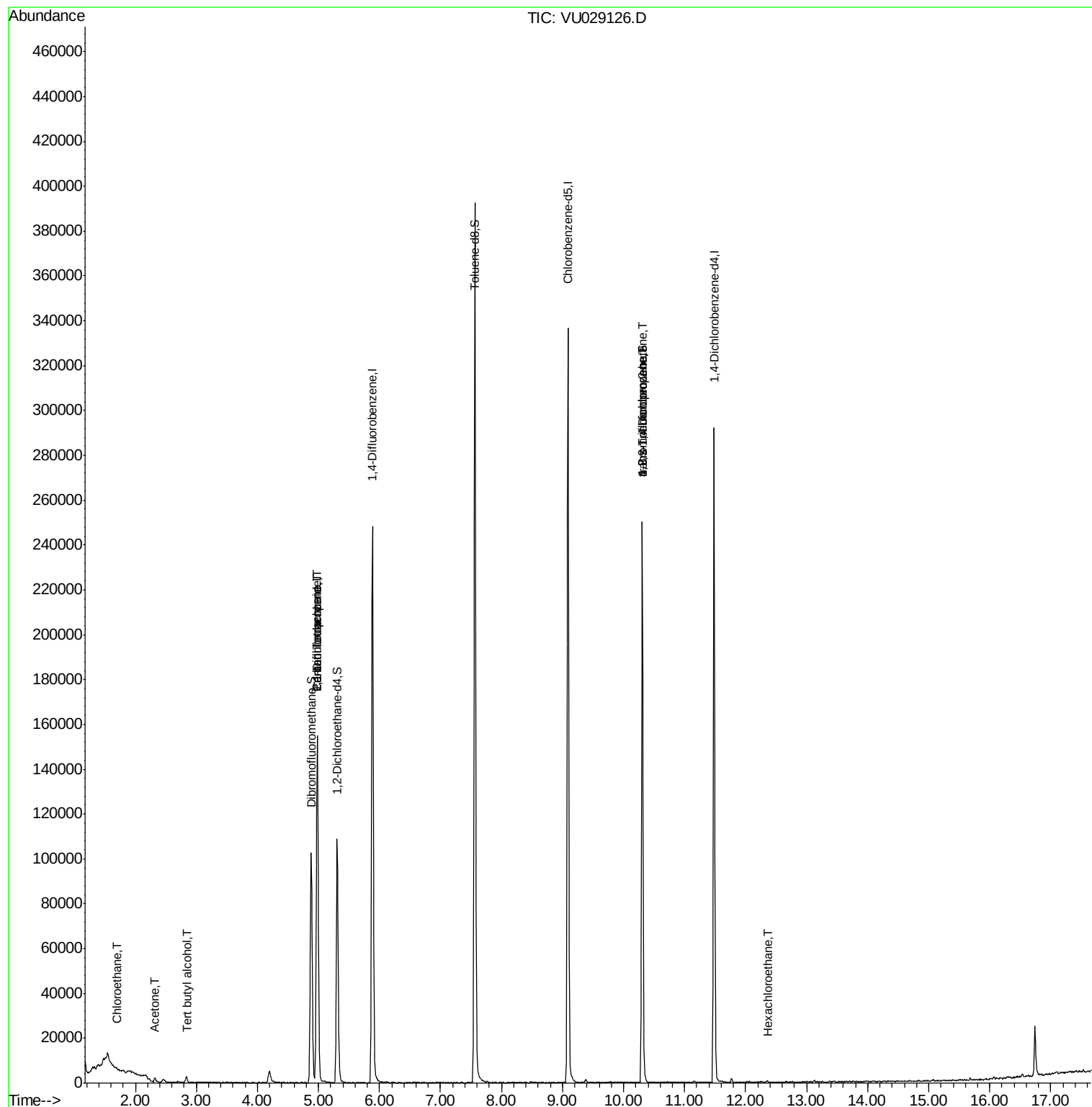
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	126731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	223213	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	198780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	83781	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
35) Dibromofluoromethane	4.88	113	74030	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	7.56	98	272440	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	10.30	95	86480	42.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.26%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1257	Below Cal		99
5) Bromomethane	1.63	94	103	Below Cal	#	2
6) Chloroethane	1.69	64	295	0.267 ug/l	#	52
11) Tert butyl alcohol	2.83	59	1715	4.307 ug/l	#	73
16) Acetone	2.32	43	2205	2.234 ug/l	#	86
17) Carbon Disulfide	2.48	76	1114	Below Cal	#	75
31) Cyclohexane	4.98	56	2070	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8998	4.033 ug/l	#	47
38) Carbon Tetrachloride	4.98	117	11571	6.218 ug/l	#	16
76) 1,2,3-Trichloropropane	10.30	75	41407	20.962 ug/l	#	36
81) trans-1,4-Dichloro-2-buten	10.30	75	41407	54.063 ug/l	#	100
90) Hexachloroethane	12.36	117	443	0.520 ug/l	#	7

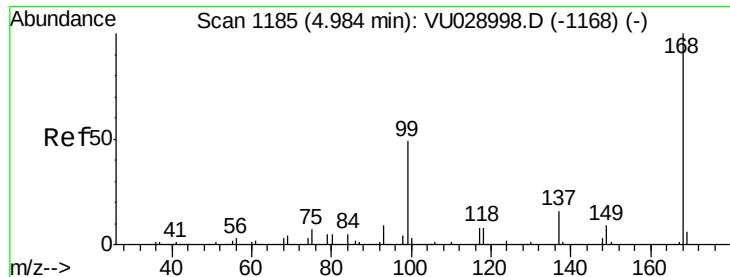
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
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Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

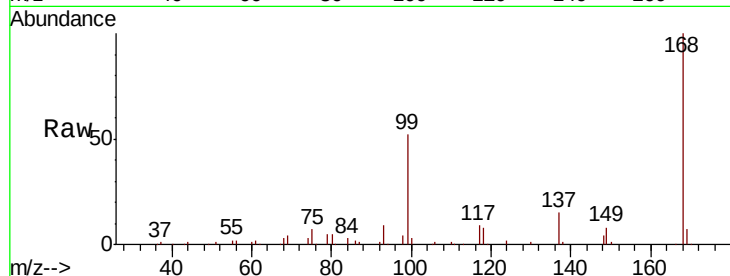
CPGP-02

Tgt Ion: 168 Resp: 126731

Ion Ratio Lower Upper

168 100

99 51.7 42.0 63.0



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

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

4.98

60000

50000

40000

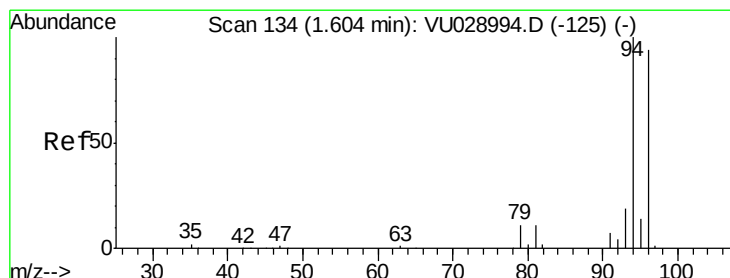
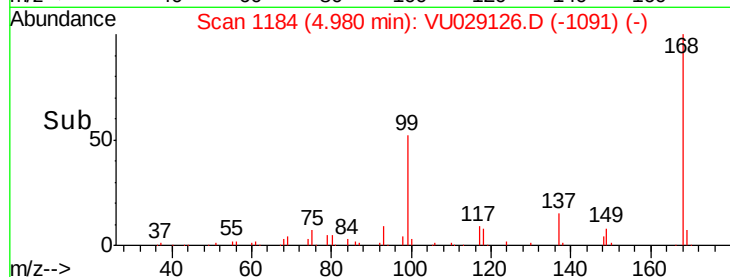
30000

20000

10000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 143

Delta R.T. 0.03 min

Lab File: VU029126.D

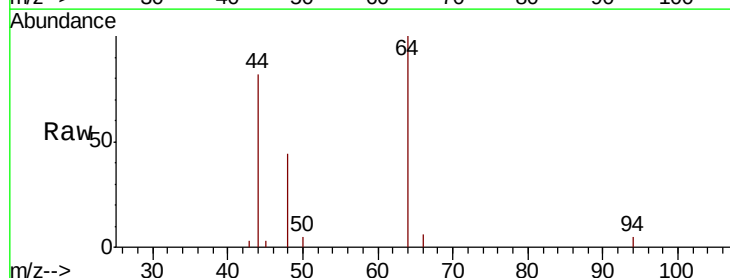
Acq: 10 Jan 2019 18:42

Tgt Ion: 94 Resp: 103

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

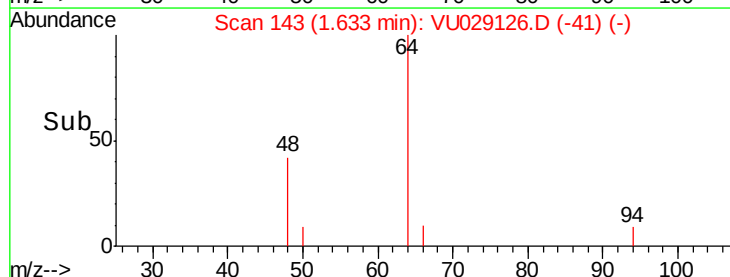
150

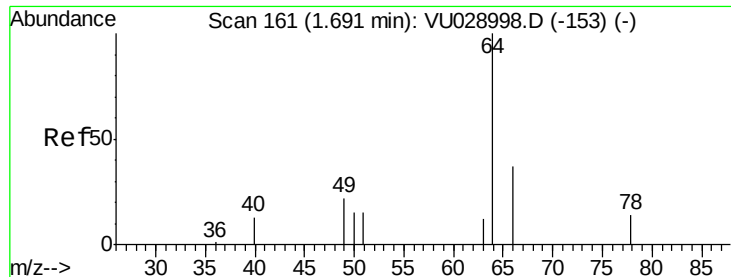
100

50

0

Time-->





#6

Chloroethane

Concen: 0.267 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

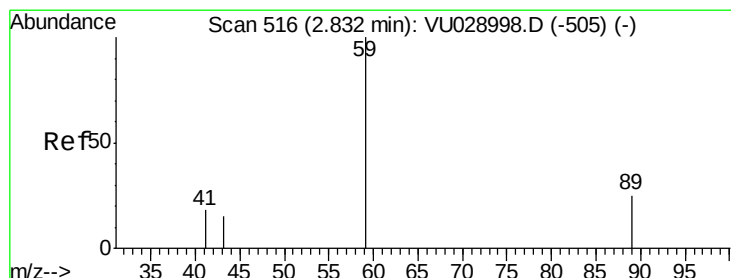
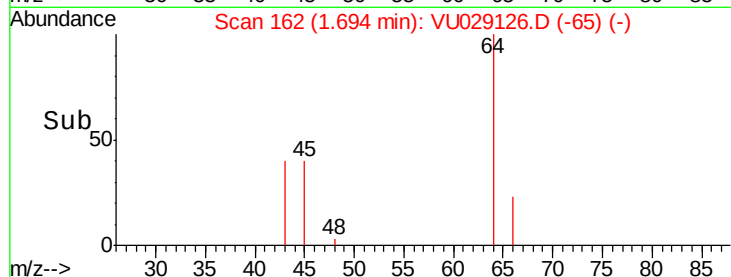
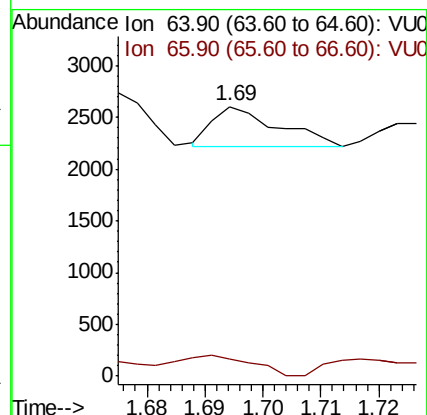
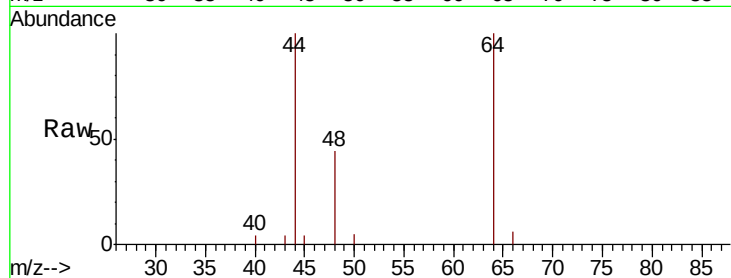
CPGP-02

Tgt Ion: 64 Resp: 295

Ion Ratio Lower Upper

64 100

66 5.0 25.2 37.8#



#11

Tert butyl alcohol

Concen: 4.307 ug/l

RT: 2.83 min Scan# 515

Delta R.T. -0.00 min

Lab File: VU029126.D

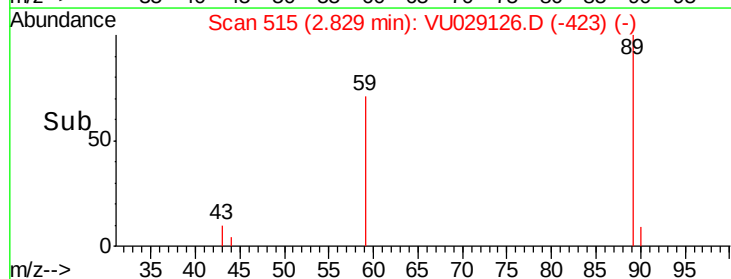
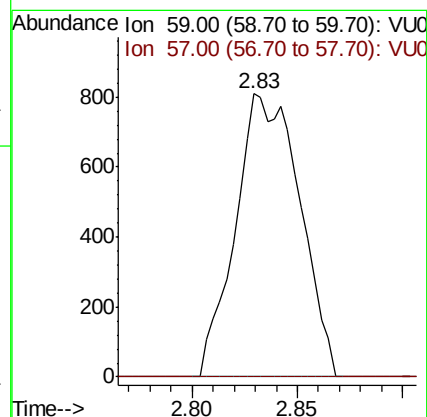
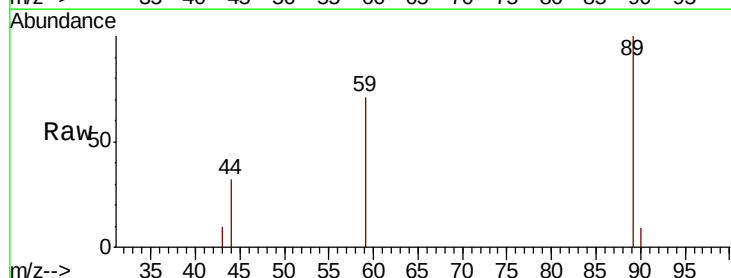
Acq: 10 Jan 2019 18:42

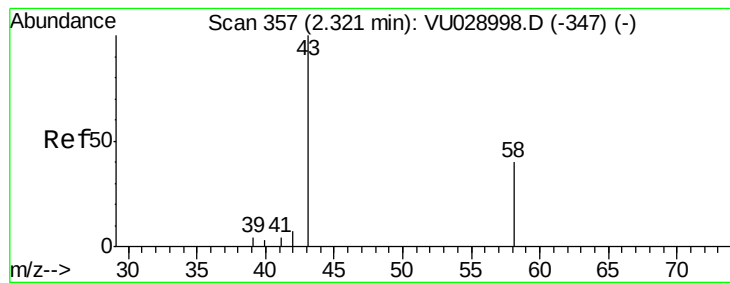
Tgt Ion: 59 Resp: 1715

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#16

Acetone

Concen: 2.234 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

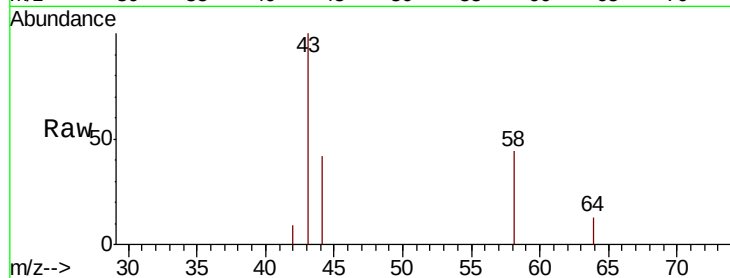
CPGP-02

Tgt Ion: 43 Resp: 2205

Ion Ratio Lower Upper

43 100

58 43.7 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-347) (-)

2.32

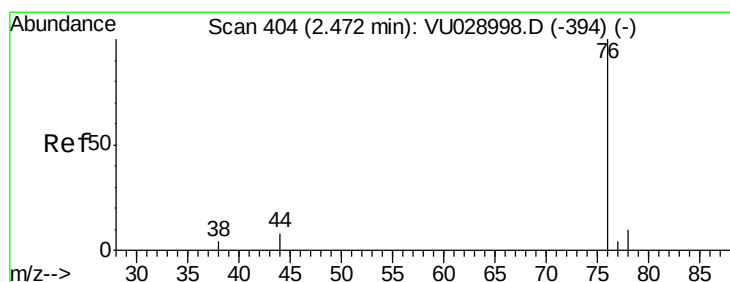
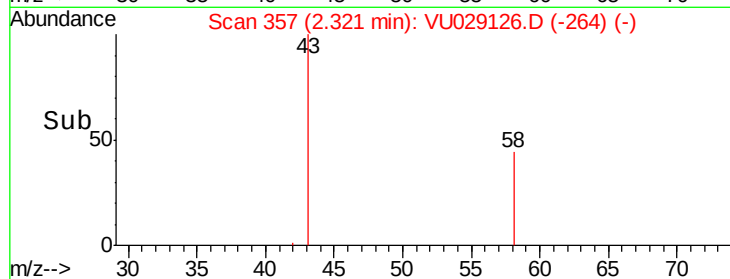
1500

1000

500

0

Time-->



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029126.D

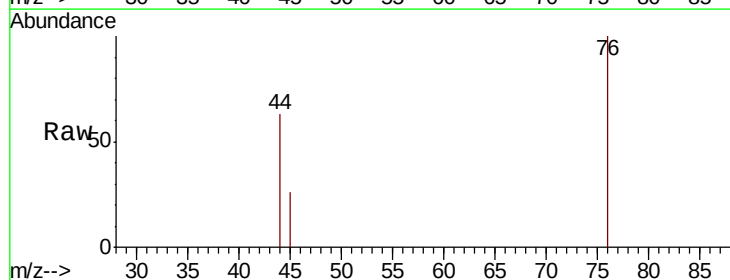
Acq: 10 Jan 2019 18:42

Tgt Ion: 76 Resp: 1114

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU028998.D (-394) (-)

Ion 77.90 (77.60 to 78.60): VU028998.D (-394) (-)

2.48

800

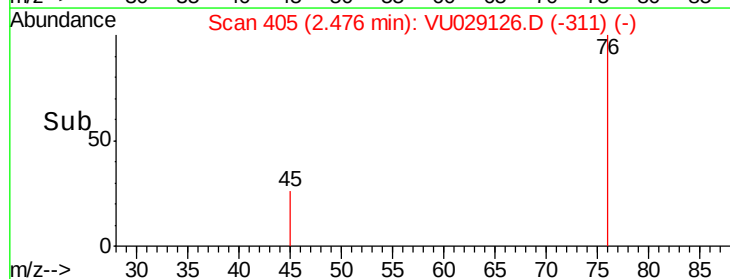
600

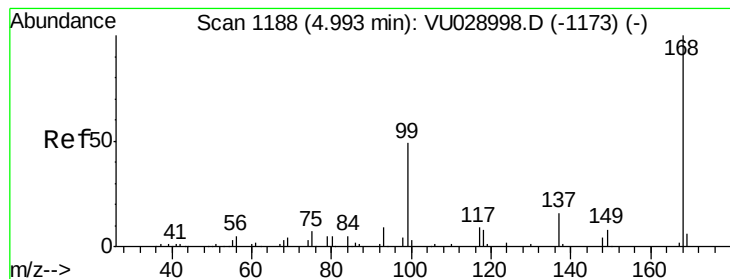
400

200

0

Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

Instrument :

MSVOA_U

ClientSampled :

CPGP-02

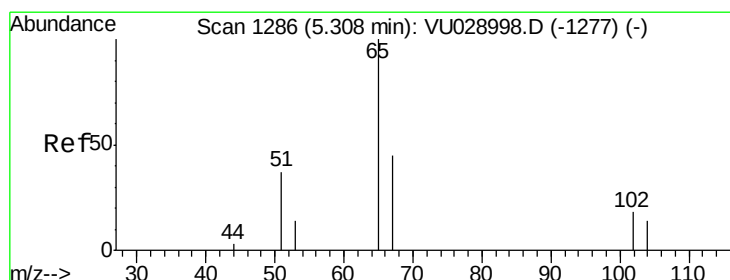
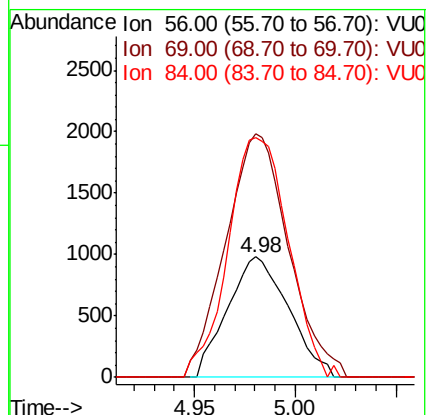
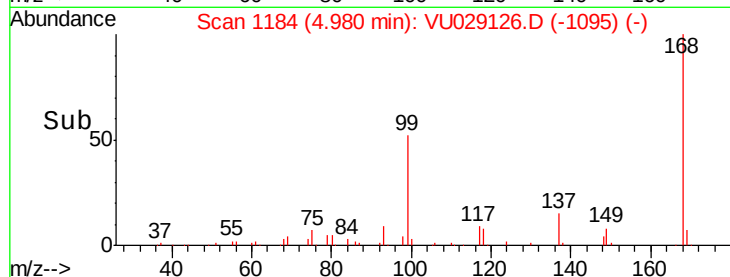
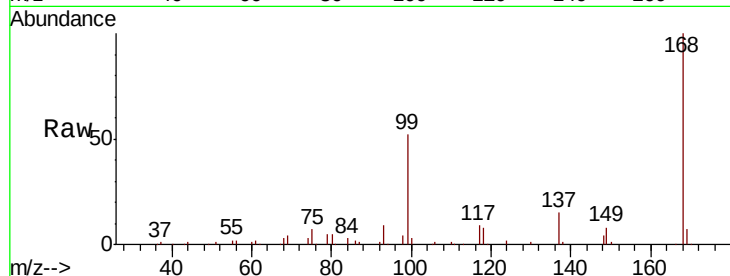
Tgt Ion: 56 Resp: 2070

Ion Ratio Lower Upper

56 100

69 190.3 26.7 40.1#

84 199.0 65.7 98.5#



#33

1,2-Dichloroethane-d4

Concen: 53.478 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029126.D

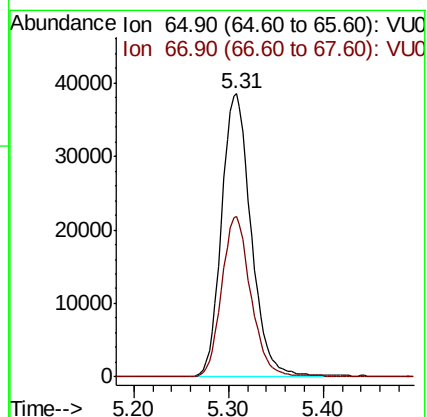
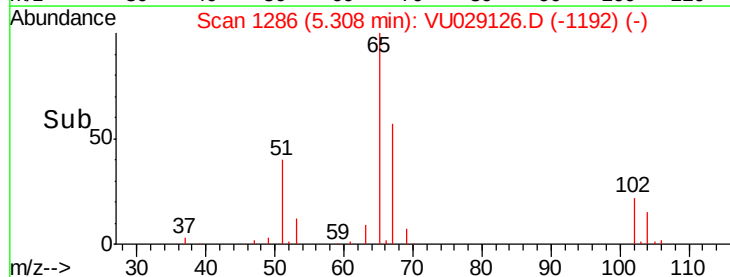
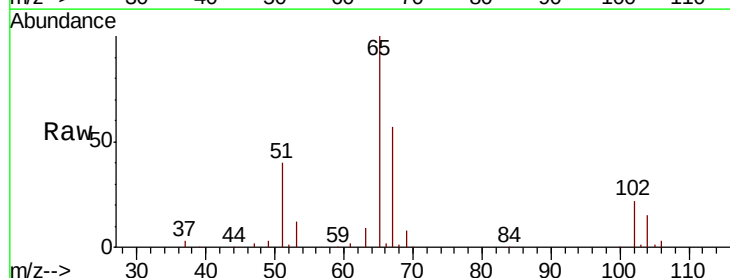
Acq: 10 Jan 2019 18:42

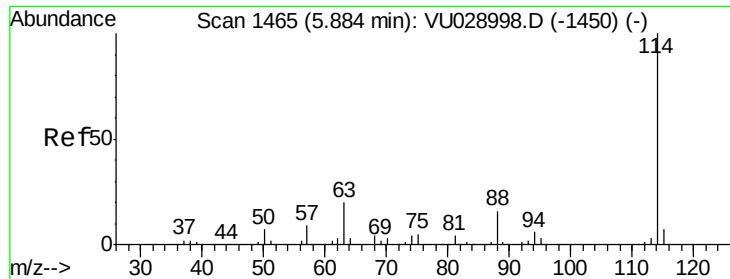
Tgt Ion: 65 Resp: 83781

Ion Ratio Lower Upper

65 100

67 55.8 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: VU029126.D

Acq: 10 Jan 2019 18:42

Instrument :

MSVOA_U

ClientSampled :

CPGP-02

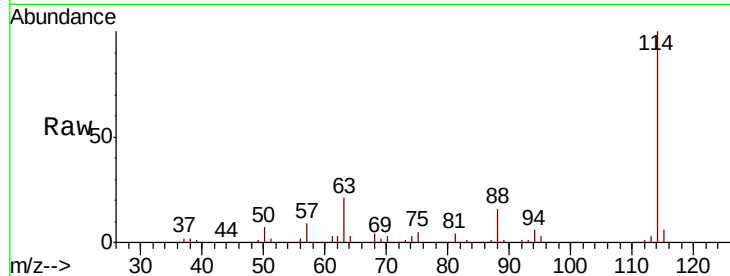
Tgt Ion:114 Resp: 223213

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

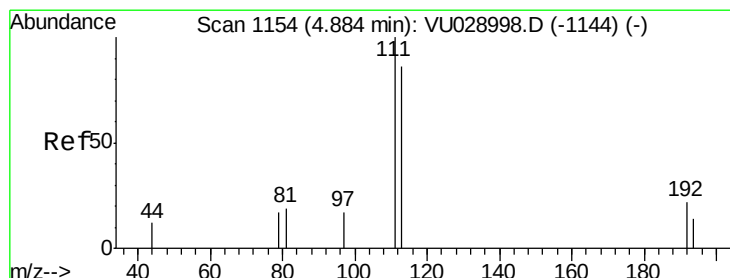
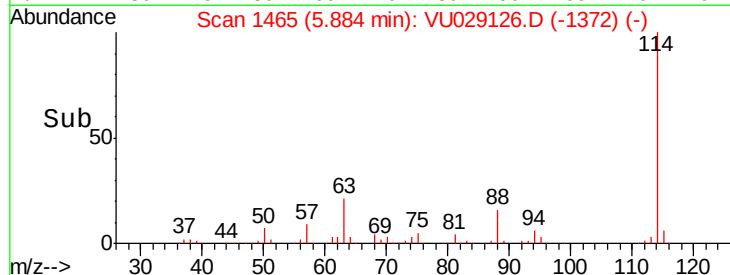
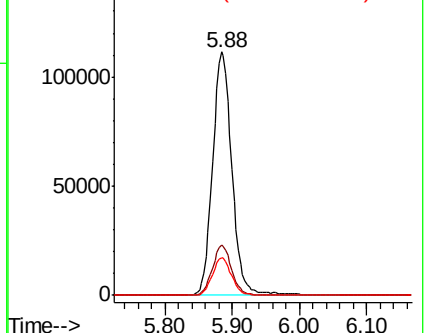
88 15.5 0.0 30.4



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: 51.163 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

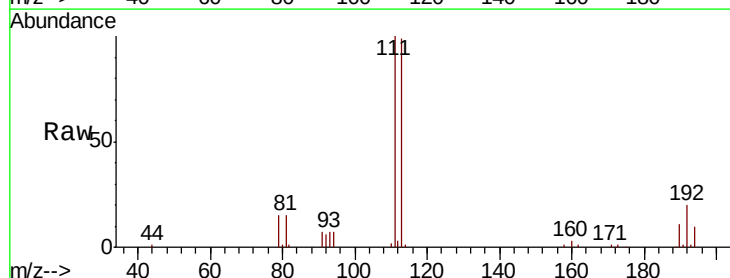
Tgt Ion:113 Resp: 74030

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.2

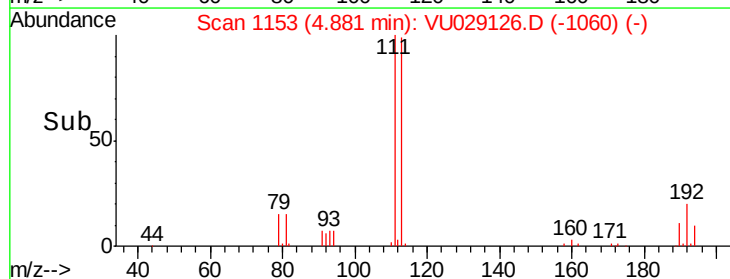
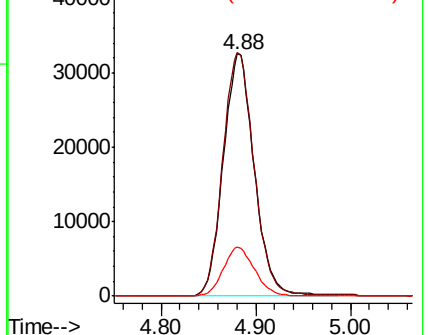
192 20.3 16.8 25.2

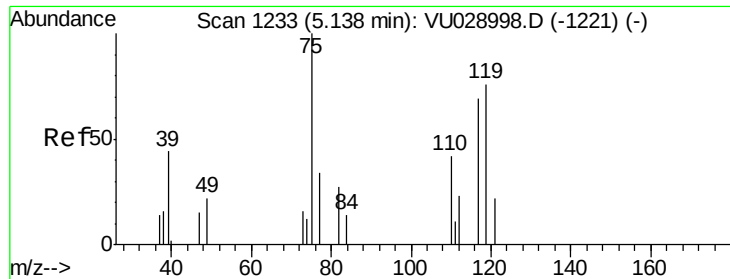


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

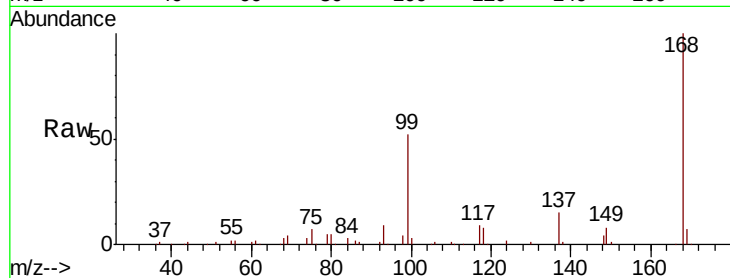




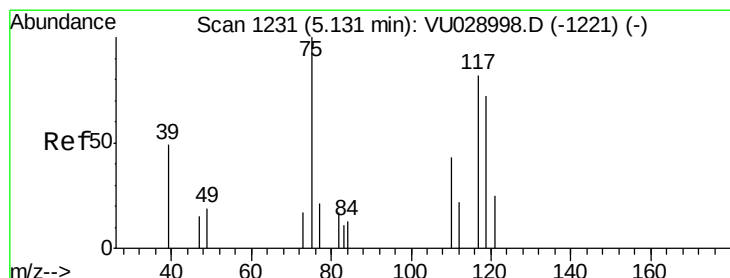
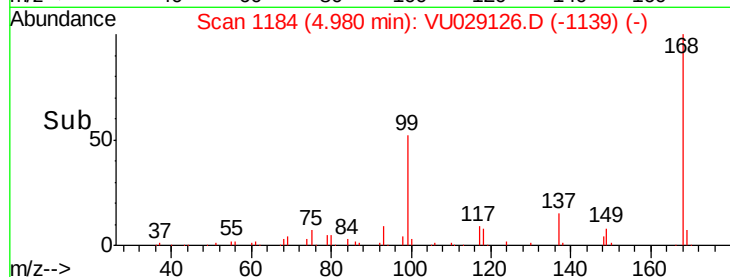
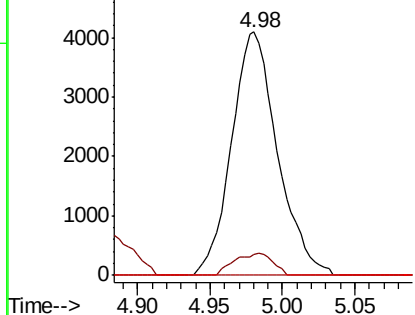
#36
 1,1-Dichloropropene
 Concen: 4.033 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029126.D
 Acq: 10 Jan 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 CPGP-02

Tgt Ion: 75 Resp: 8998
 Ion Ratio Lower Upper
 75 100
 110 7.6 18.4 55.4#
 77 0.0 25.1 37.7#

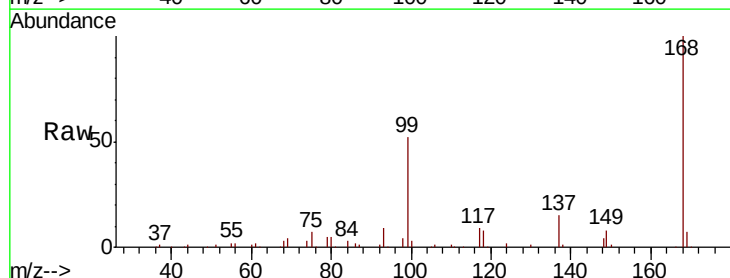


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

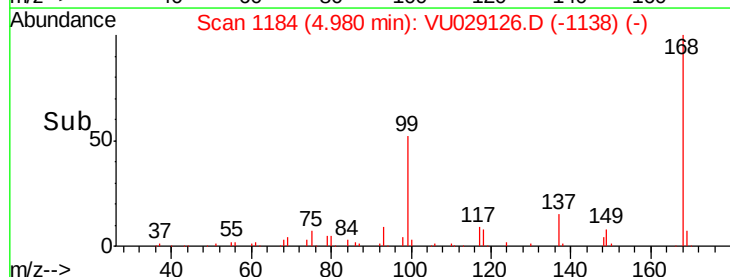
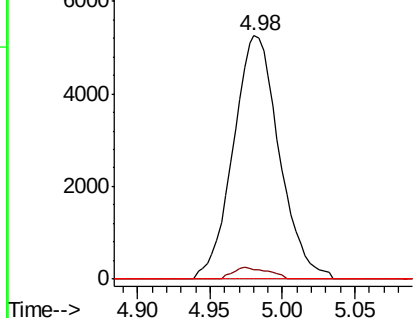


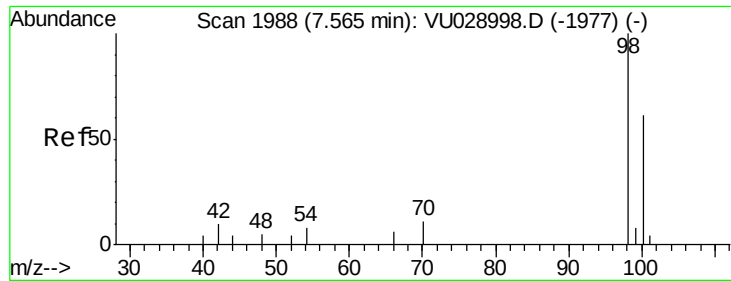
#38
 Carbon Tetrachloride
 Concen: 6.218 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029126.D
 Acq: 10 Jan 2019 18:42

Tgt Ion: 117 Resp: 11571
 Ion Ratio Lower Upper
 117 100
 119 4.0 74.6 111.8#
 121 0.0 25.0 37.6#



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

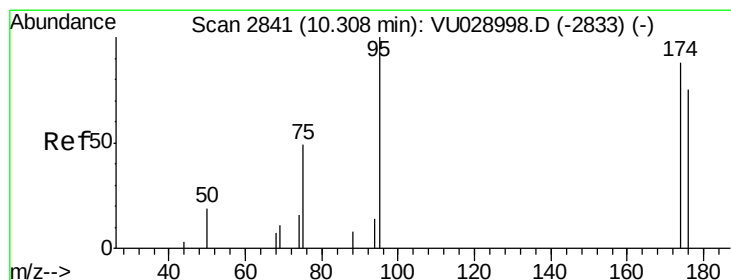
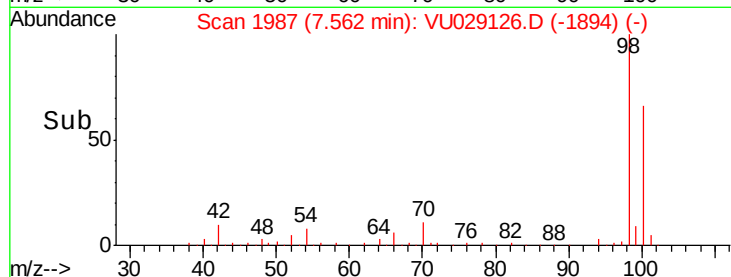
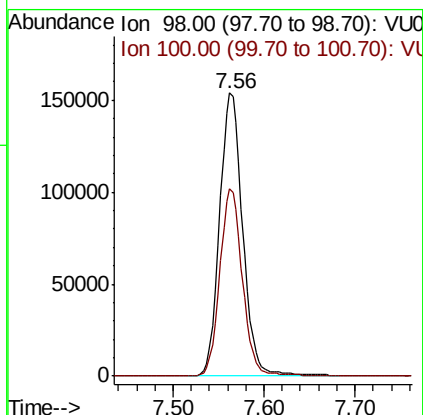
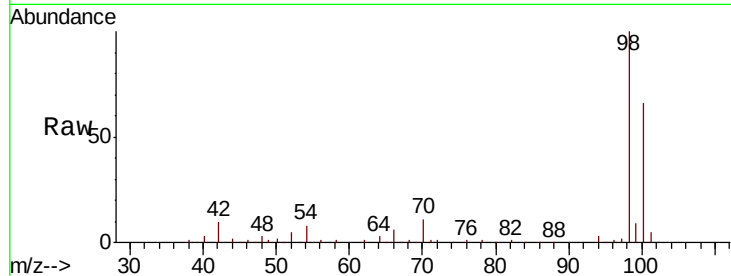




#50
Toluene-d8
Concen: 47.694 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029126.D
Acq: 10 Jan 2019 18:42

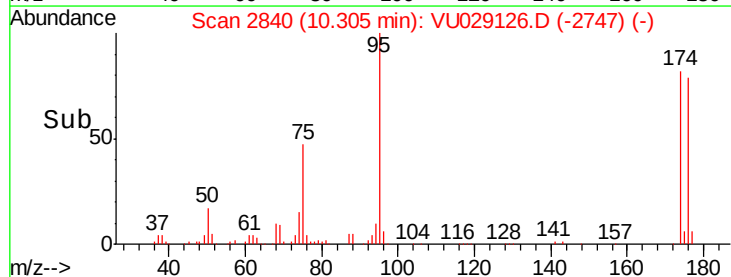
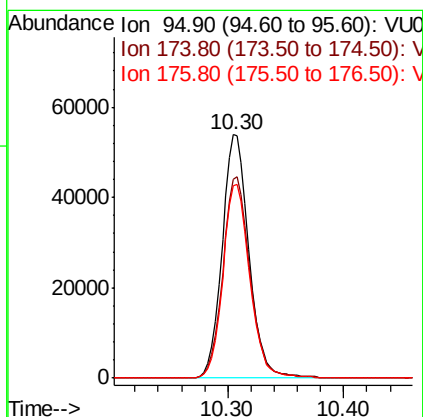
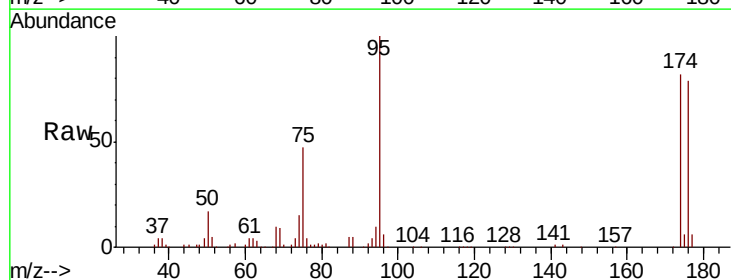
Instrument :
MSVOA_U
ClientSampleId :
CPGP-02

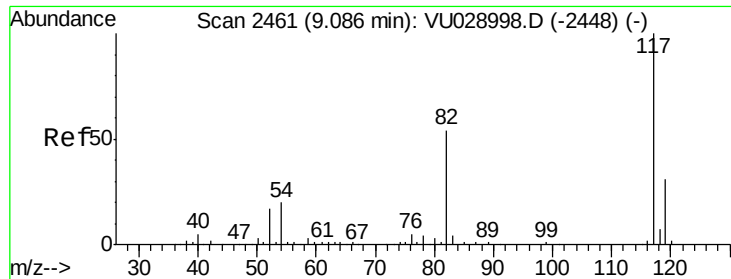
Tgt Ion: 98 Resp: 272440
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.126 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029126.D
Acq: 10 Jan 2019 18:42

Tgt Ion: 95 Resp: 86480
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.6
176 79.9 0.0 165.0

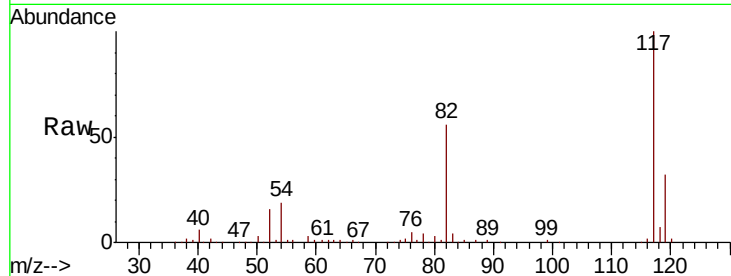




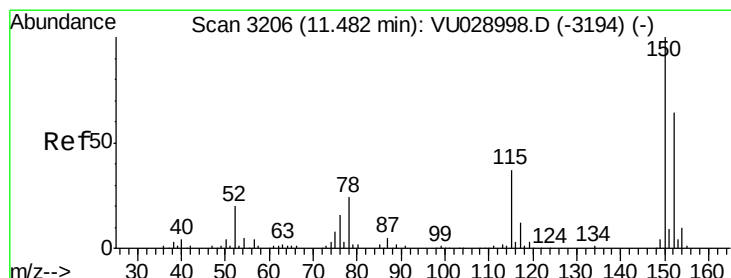
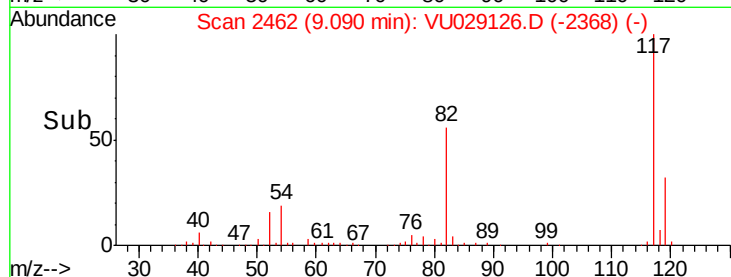
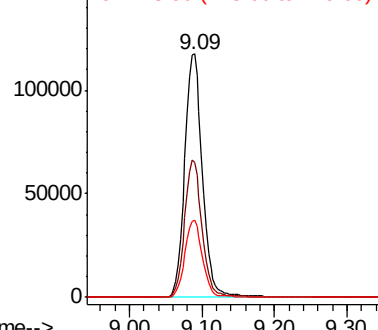
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029126.D
Acq: 10 Jan 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
CPGP-02

Tgt Ion:117 Resp: 198780
Ion Ratio Lower Upper
117 100
82 55.6 43.9 65.9
119 31.7 26.0 39.0

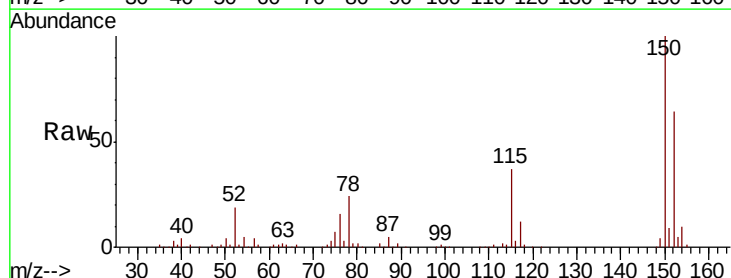


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

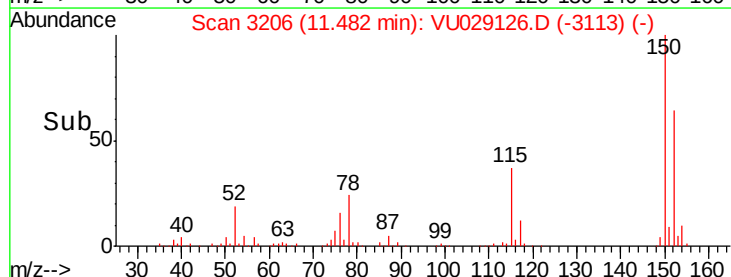
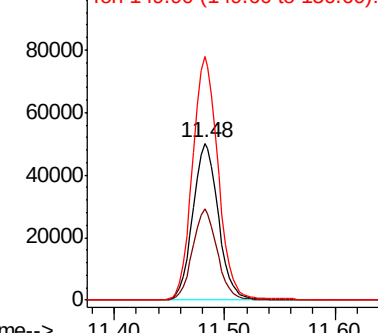


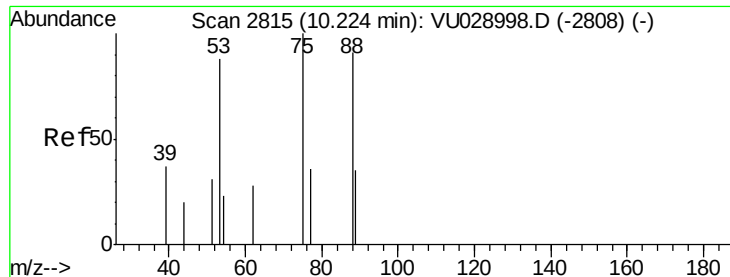
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029126.D
Acq: 10 Jan 2019 18:42

Tgt Ion:152 Resp: 80619
Ion Ratio Lower Upper
152 100
115 56.5 40.1 120.3
150 155.6 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: 20.962 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

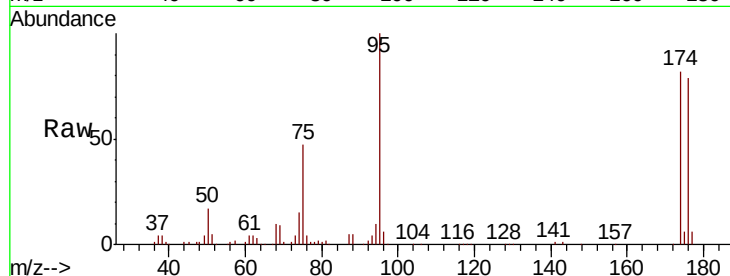
CPGP-02

Tgt Ion: 75 Resp: 41407

Ion Ratio Lower Upper

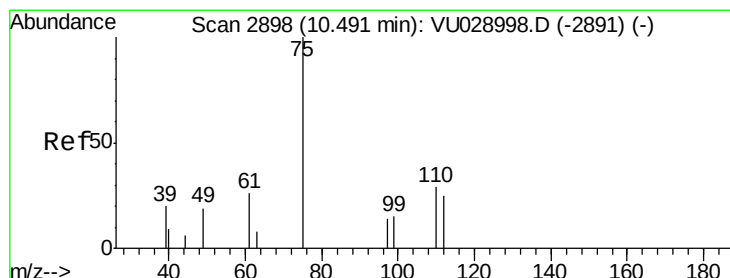
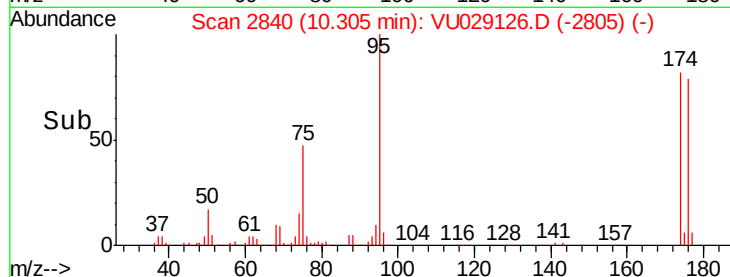
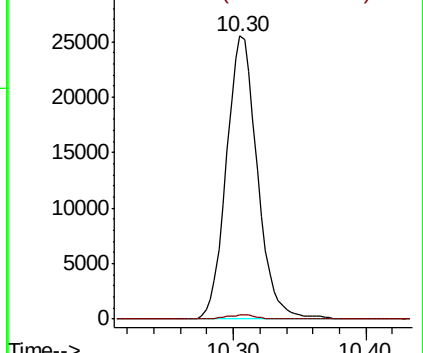
75 100

77 1.4 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 54.063 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

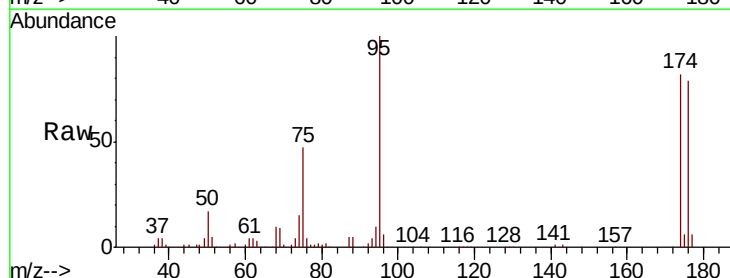
Tgt Ion: 75 Resp: 41407

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

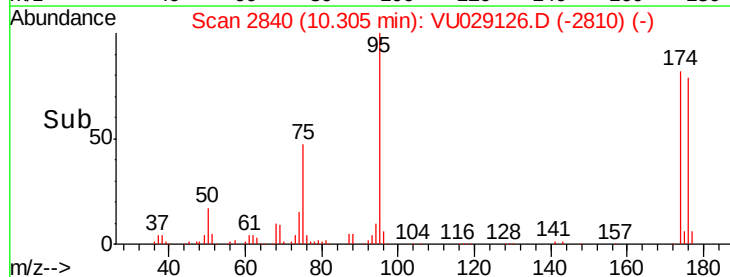
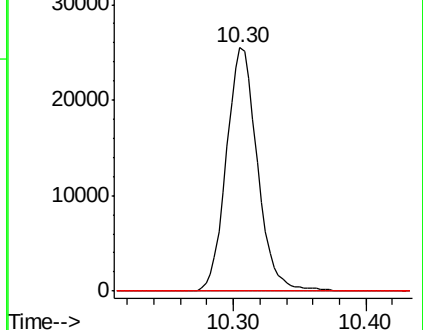
89 0.0 0.0 0.0

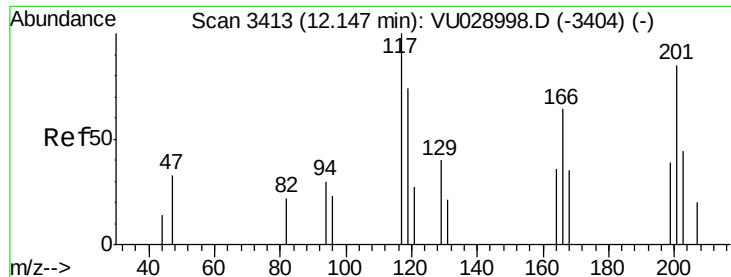


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#90

Hexachloroethane

Concen: 0.520 ug/l

RT: 12.36 min Scan# 3478

Delta R.T. 0.21 min

Lab File: VU029126.D

Acq: 10 Jan 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

CPGP-02

Tgt Ion:117 Resp: 443

Ion Ratio Lower Upper

117 100

201 0.0 42.4 127.3#

