

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028548.D
 Acq On : 10 Dec 2018 14:04
 Operator : MD/SY
 Sample : VU1211WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1211WBL01

Quant Time: Dec 11 03:37:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	91370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	172280	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	157924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69762	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	76226	54.67	ug/l	0.00
Spiked Amount			Recovery	=	109.34%	
35) Dibromofluoromethane	4.88	113	57699	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
50) Toluene-d8	7.57	98	224452	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	10.30	95	78187	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	

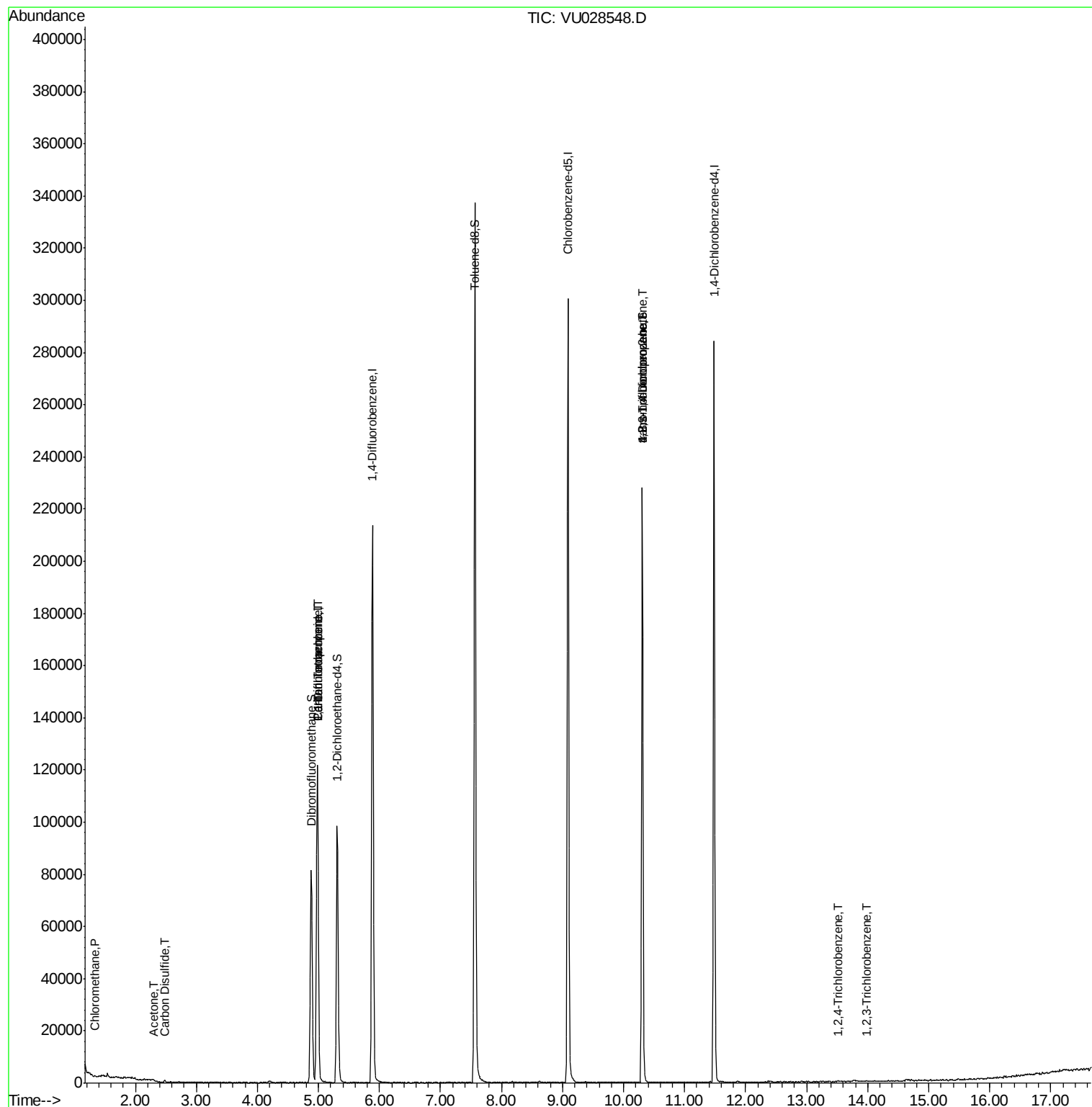
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	580	0.258	ug/l #	43
16) Acetone	2.32	43	320	0.352	ug/l #	44
17) Carbon Disulfide	2.48	76	795	0.217	ug/l #	75
31) Cyclohexane	4.98	56	2176	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	8180	4.339	ug/l #	48
38) Carbon Tetrachloride	4.98	117	9099	5.988	ug/l #	15
76) 1,2,3-Trichloropropane	10.31	75	40916	22.969	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	40916	56.405	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.52	180	237	0.987	ug/l #	41
96) 1,2,3-Trichlorobenzene	13.99	180	118	0.219	ug/l #	12

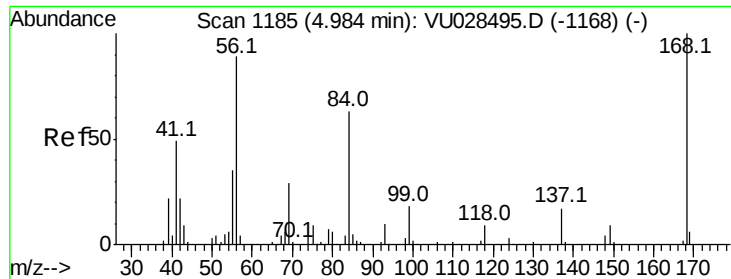
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028548.D
Acq On : 10 Dec 2018 14:04
Operator : MD/SY
Sample : VU1211WBL01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1211WBL01

Quant Time: Dec 11 03:37:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028548.D

Acq: 10 Dec 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

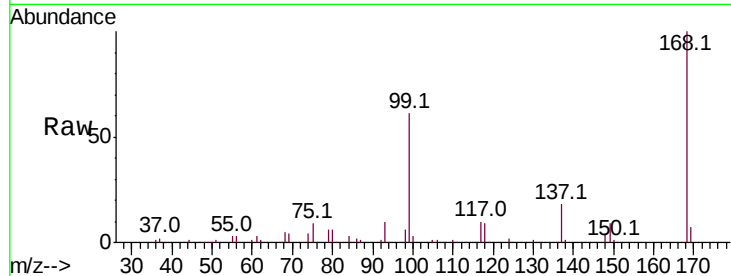
VU1211WBL01

Tot Ion:168 Resp: 91370

Ion Ratio Lower Upper

168 100

99 60.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

20000

10000

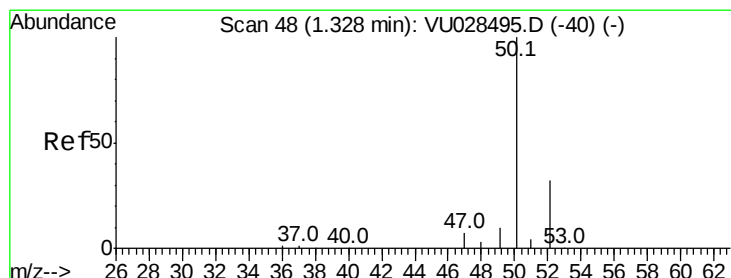
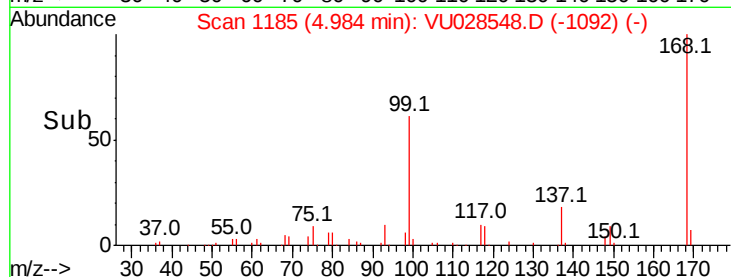
0

4.90

5.00

5.10

Time-->



#3

Chloromethane

Concen: 0.258 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028548.D

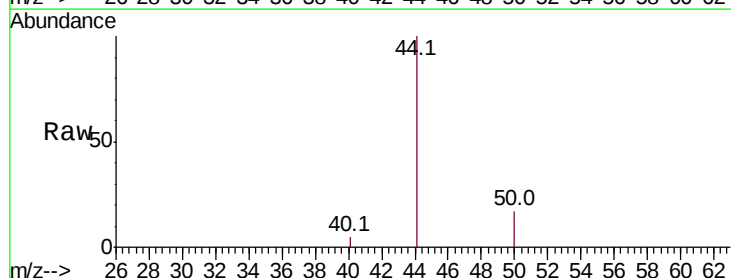
Acq: 10 Dec 2018 14:04

Tgt Ion: 50 Resp: 580

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

400

300

200

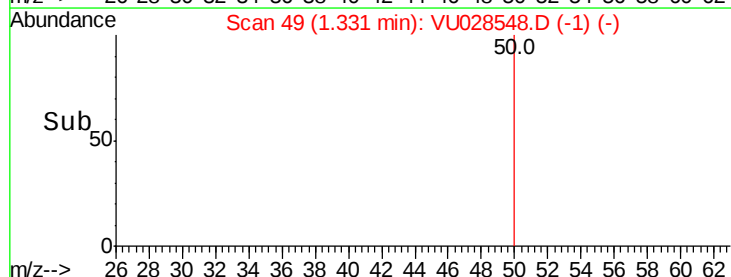
100

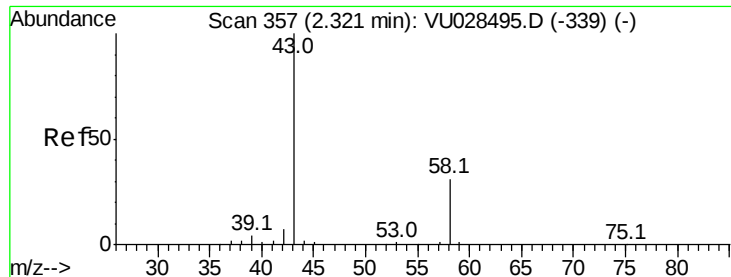
0

1.30

1.35

Time-->





#16

Acetone

Concen: 0.352 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU028548.D

Acq: 10 Dec 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

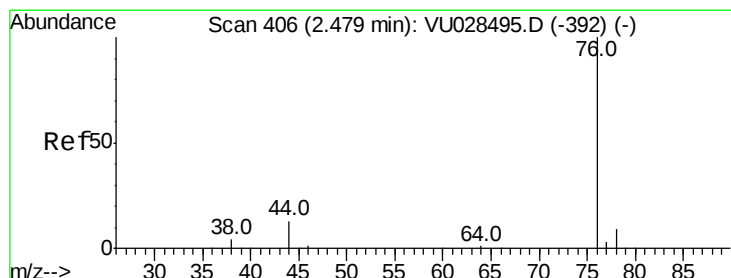
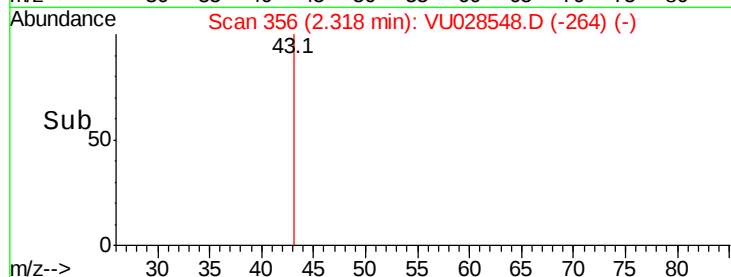
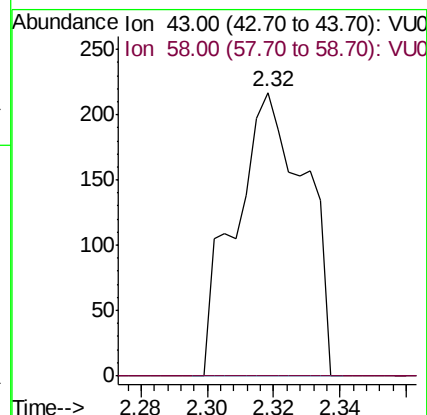
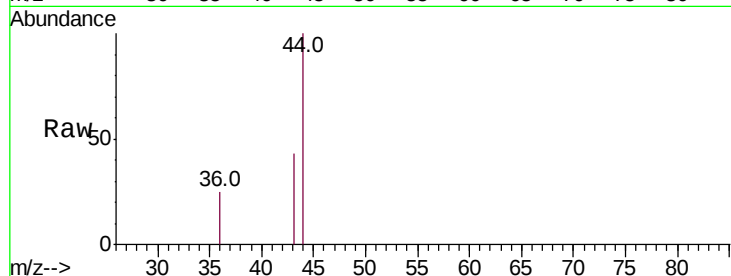
VU1211WBL01

Tot Ion: 43 Resp: 320

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



#17

Carbon Disulfide

Concen: 0.217 ug/l

RT: 2.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU028548.D

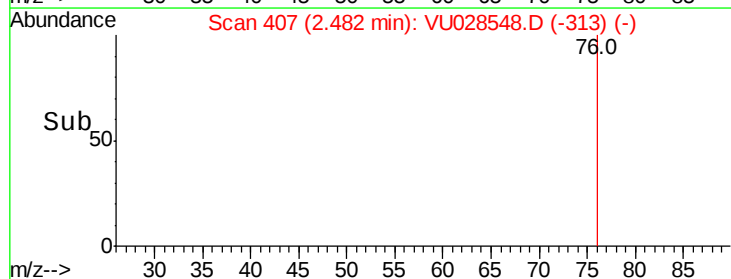
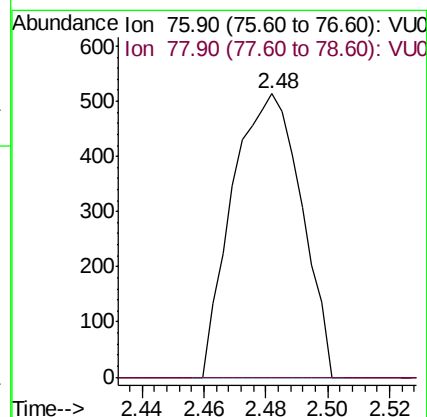
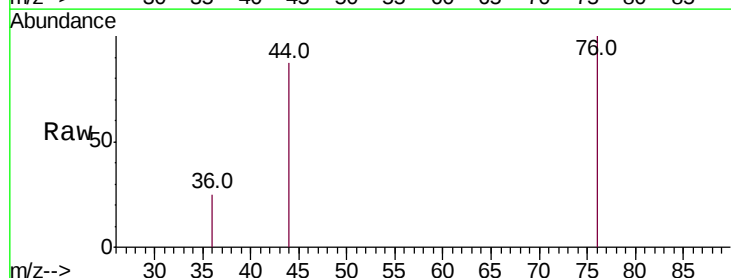
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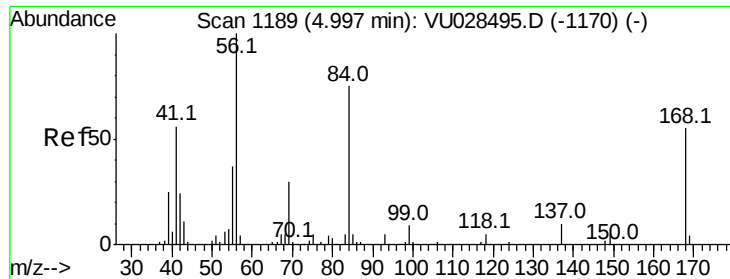
Tgt Ion: 76 Resp: 795

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

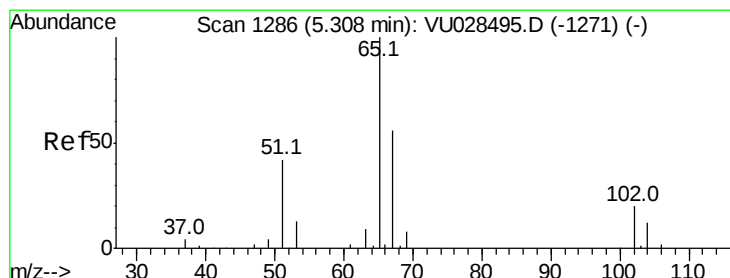
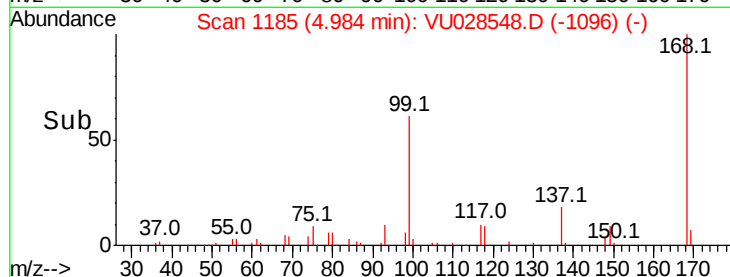
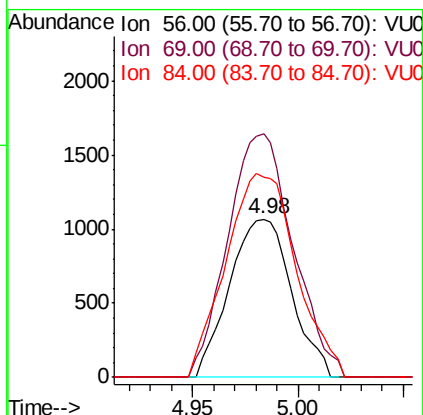
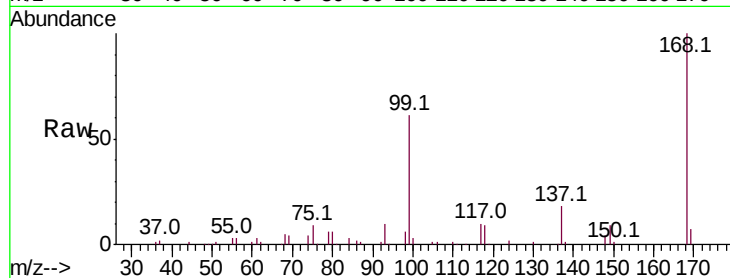




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028548.D
Acq: 10 Dec 2018 14:04

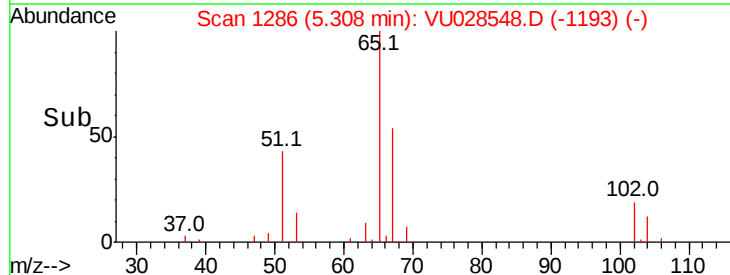
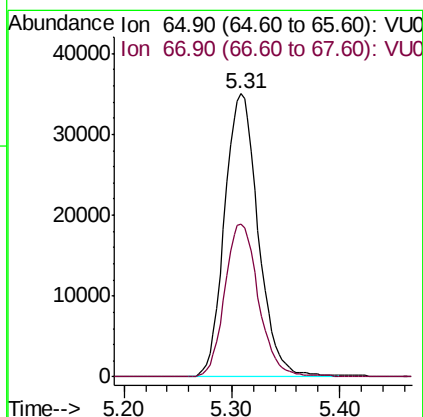
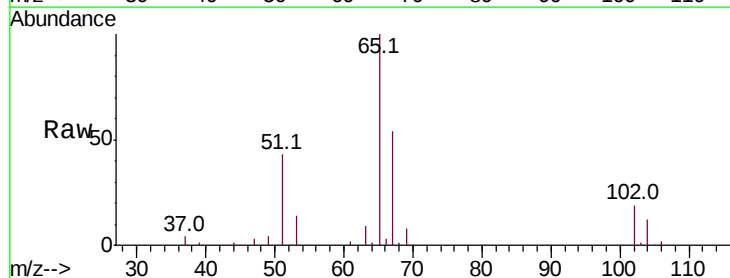
Instrument :
MSVOA_U
ClientSampleId :
VU1211WBL01

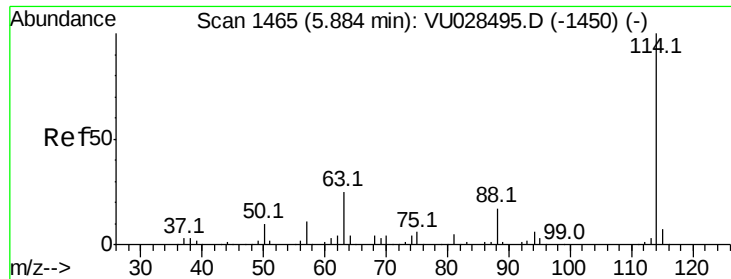
Tot Ion: 56 Resp: 2176
Ion Ratio Lower Upper
56 100
69 153.9 24.0 36.0#
84 126.4 59.7 89.5#



#33
1,2-Dichloroethane-d4
Concen: 54.667 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028548.D
Acq: 10 Dec 2018 14:04

Tgt Ion: 65 Resp: 76226
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6

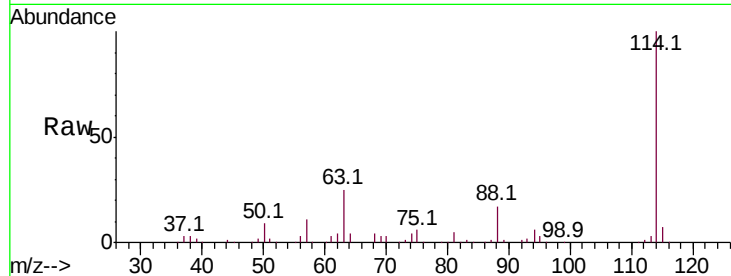




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028548.D
 Acq: 10 Dec 2018 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1211WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	49.2
88	17.2	0.0	33.4

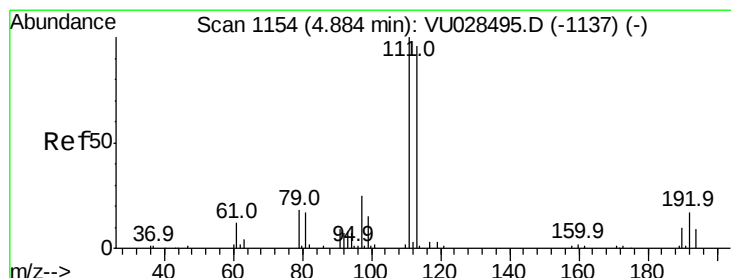
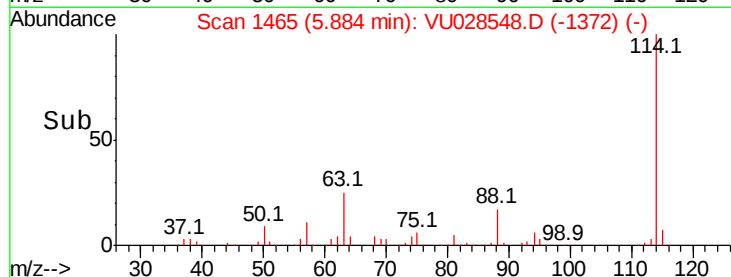
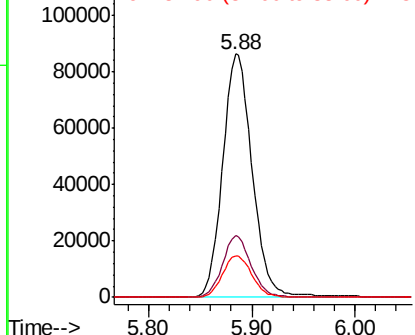


Abundance

Ion 113.90 (113.60 to 114.60): V

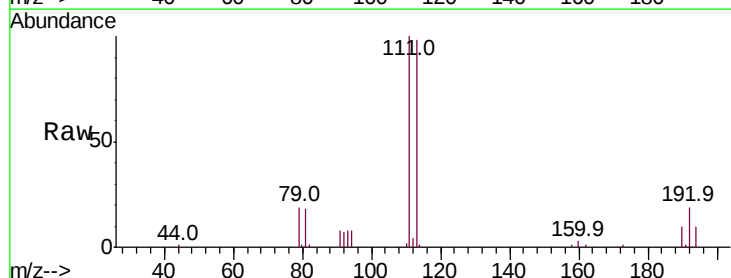
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 53.220 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028548.D
 Acq: 10 Dec 2018 14:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.0
192	18.9	14.8	22.2

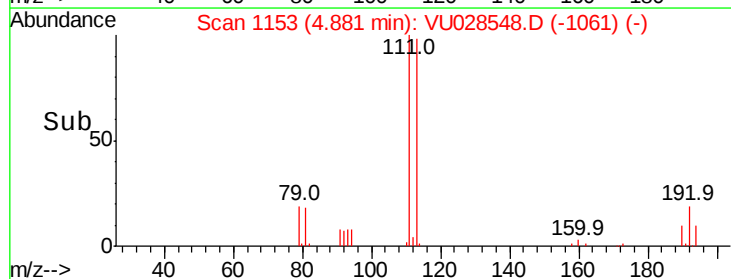
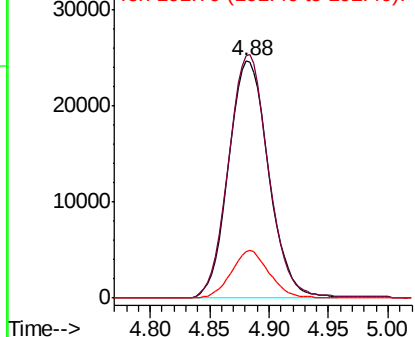


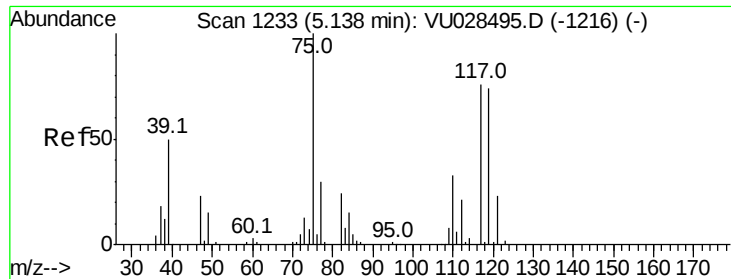
Abundance

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

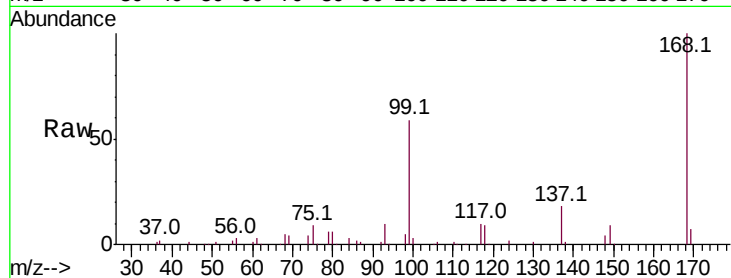




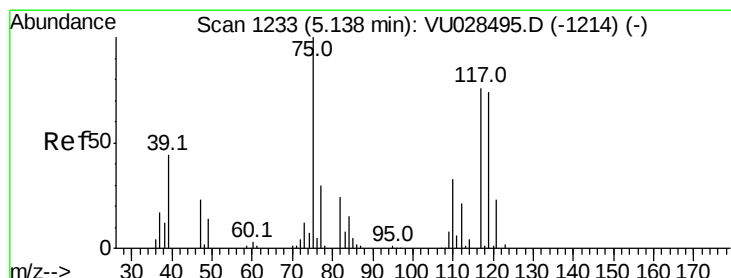
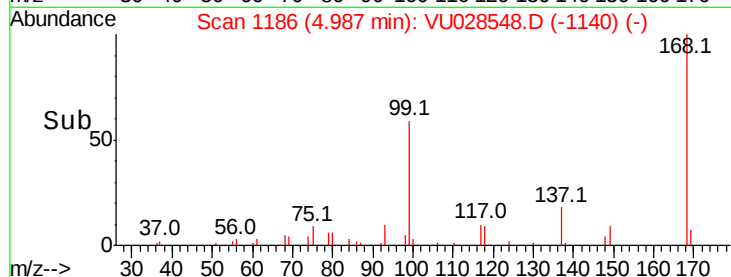
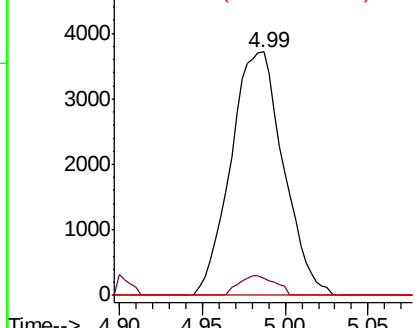
#36
 1,1-Dichloropropene
 Concen: 4.339 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU028548.D
 Acq: 10 Dec 2018 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1211WBL01

Tot Ion: 75 Resp: 8180
 Ion Ratio Lower Upper
 75 100
 110 5.5 16.1 48.2#
 77 0.0 24.5 36.7#

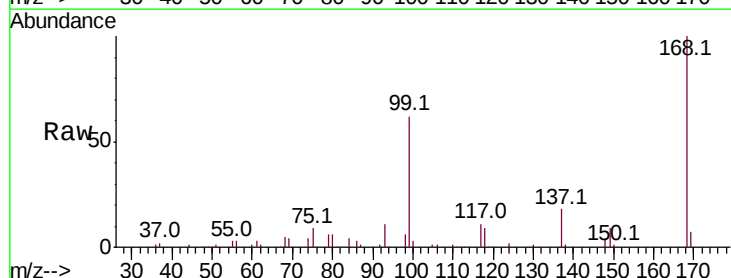


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

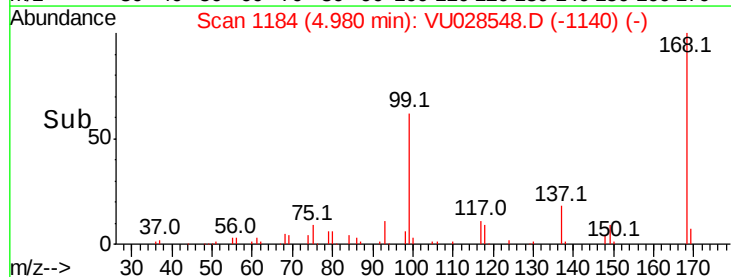
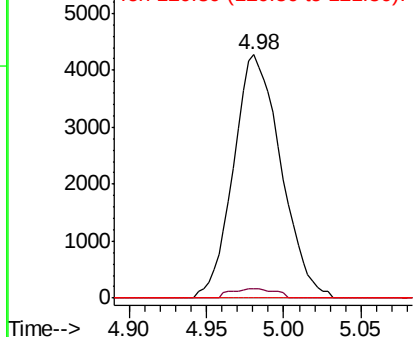


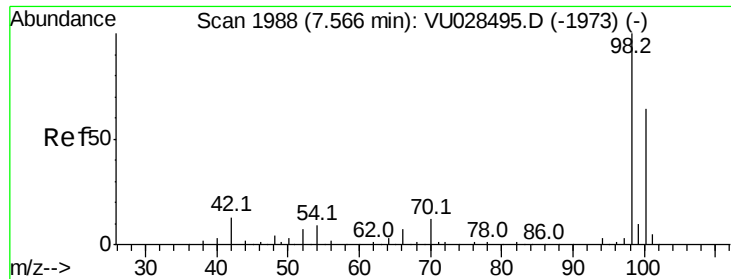
#38
 Carbon Tetrachloride
 Concen: 5.988 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028548.D
 Acq: 10 Dec 2018 14:04

Tgt Ion: 117 Resp: 9099
 Ion Ratio Lower Upper
 117 100
 119 4.1 77.6 116.4#
 121 0.0 24.6 36.8#



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: 52.335 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028548.D

Acq: 10 Dec 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

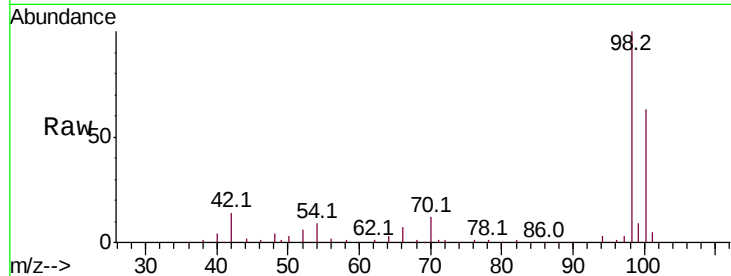
VU1211WBL01

Tot Ion: 98 Resp: 224452

Ion Ratio Lower Upper

98 100

100 63.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

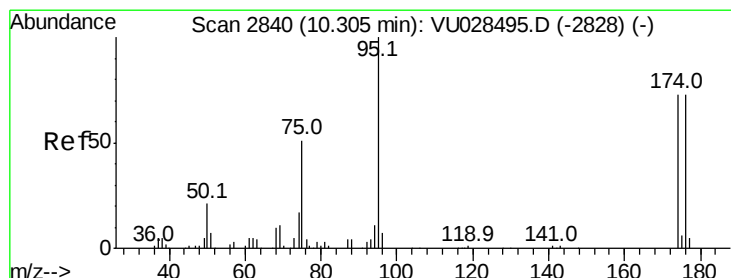
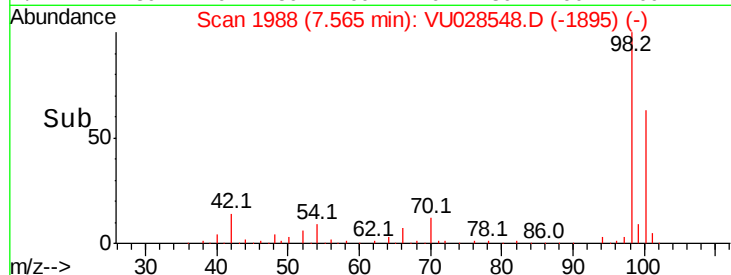
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.776 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028548.D

Acq: 10 Dec 2018 14:04

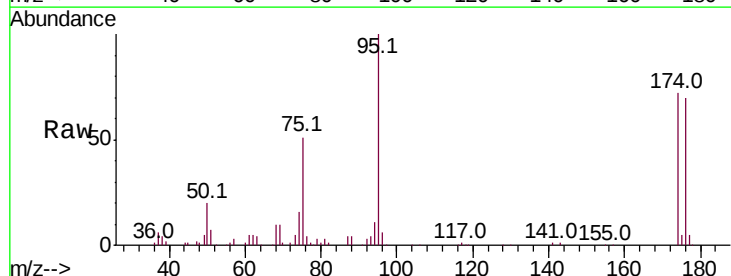
Tgt Ion: 95 Resp: 78187

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.4

176 71.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.30

60000

50000

40000

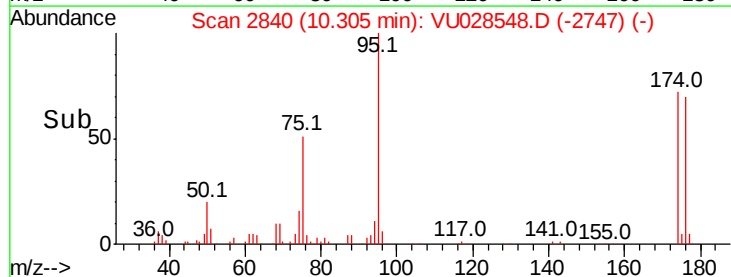
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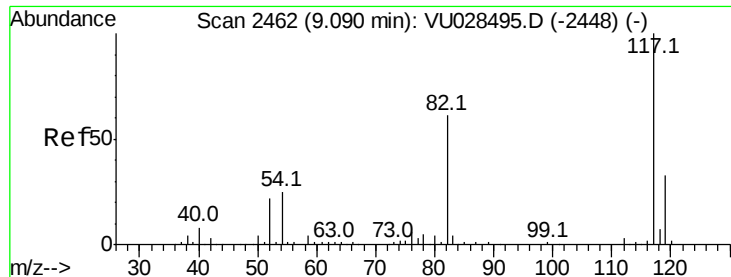
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Time-->

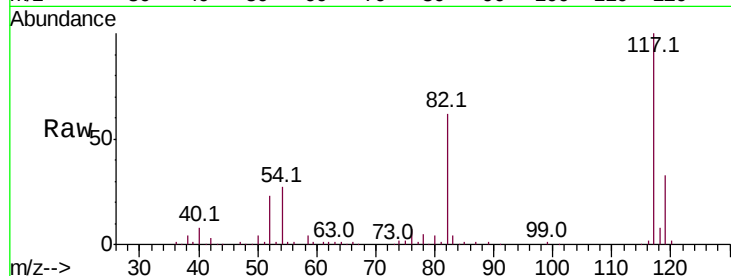




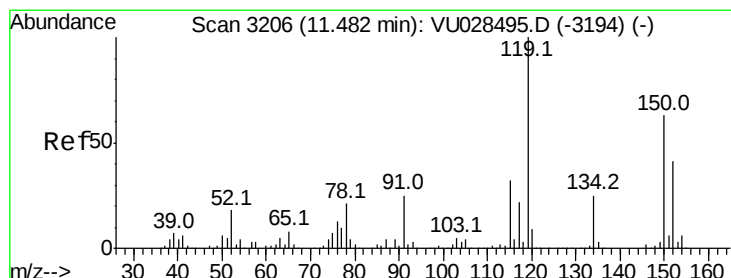
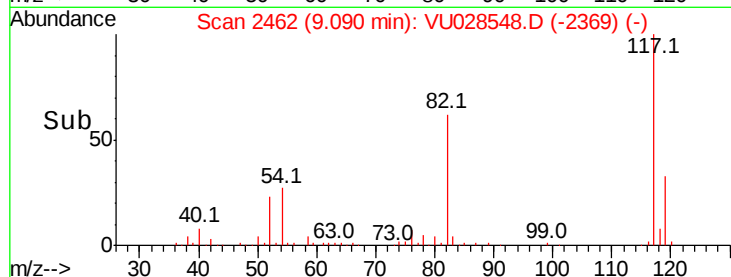
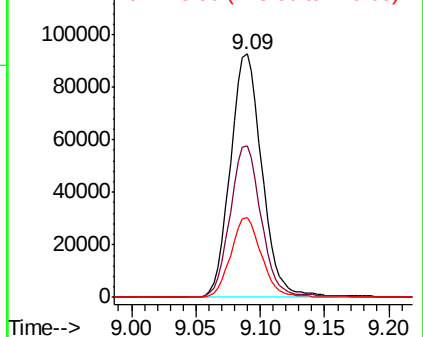
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028548.D
Acq: 10 Dec 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
VU1211WBL01

Tot Ion:117 Resp: 157924
Ion Ratio Lower Upper
117 100
82 62.2 48.9 73.3
119 32.6 26.2 39.4

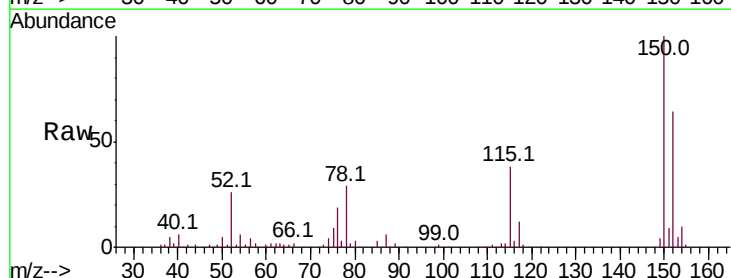


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

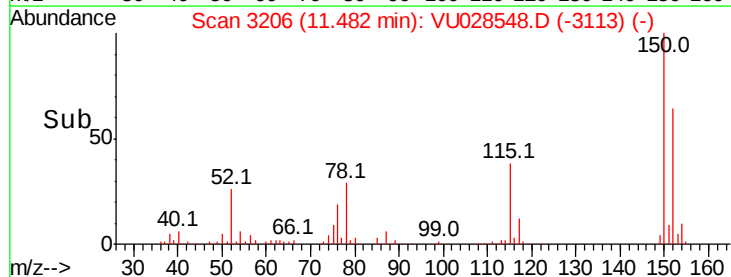
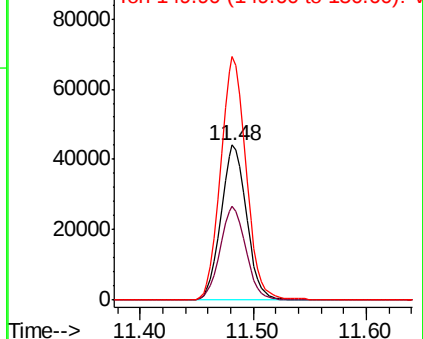


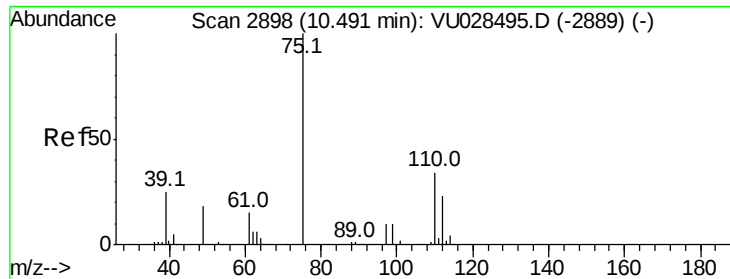
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028548.D
Acq: 10 Dec 2018 14:04

Tgt Ion:152 Resp: 69762
Ion Ratio Lower Upper
152 100
115 60.3 42.7 128.1
150 155.9 0.0 346.0



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: 22.969 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU028548.D

Acq: 10 Dec 2018 14:04

Instrument :

MSVOA_U

ClientSampled :

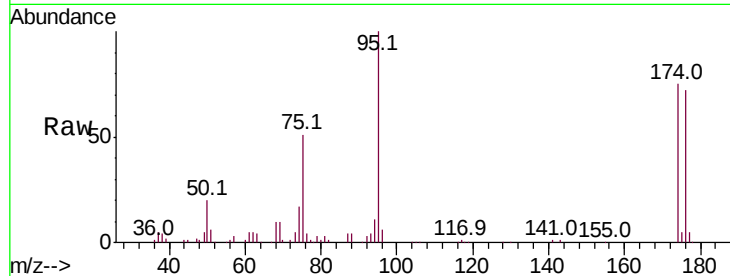
VU1211WBL01

Tot Ion: 75 Resp: 40916

Ion Ratio Lower Upper

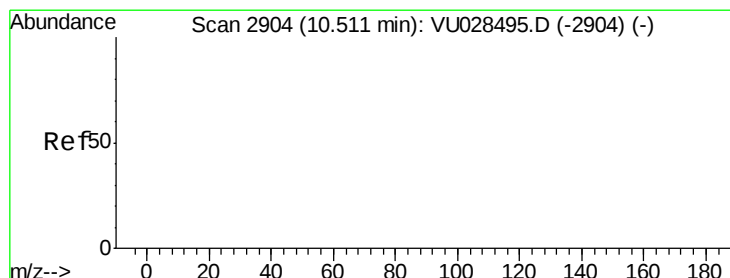
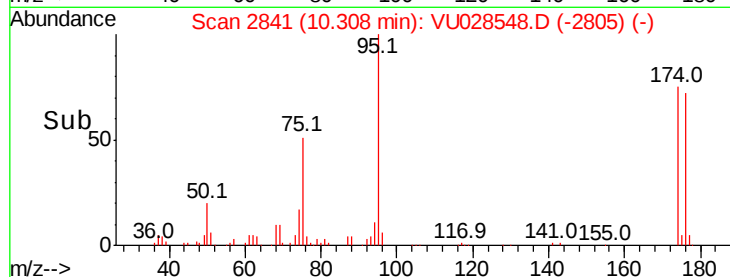
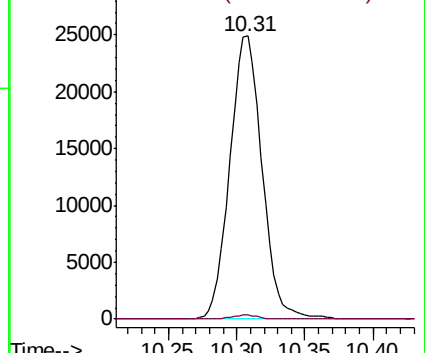
75 100

77 1.1 20.8 62.4#



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: 56.405 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028548.D

Acq: 10 Dec 2018 14:04

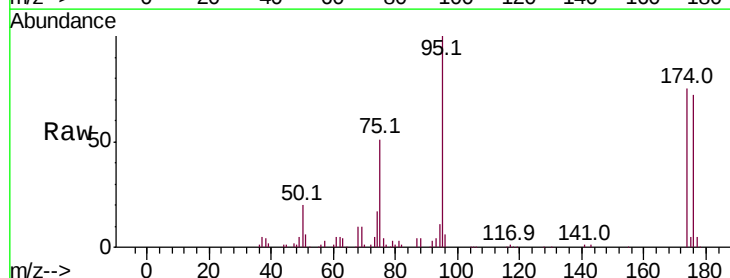
Tgt Ion: 75 Resp: 40916

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

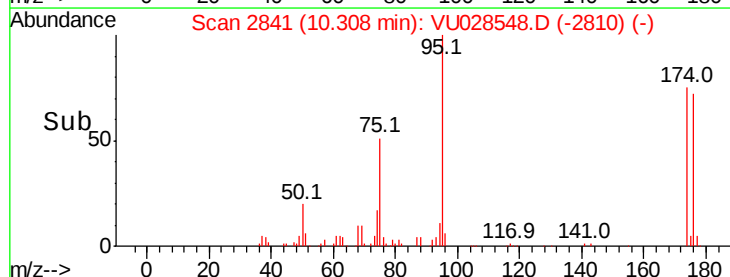
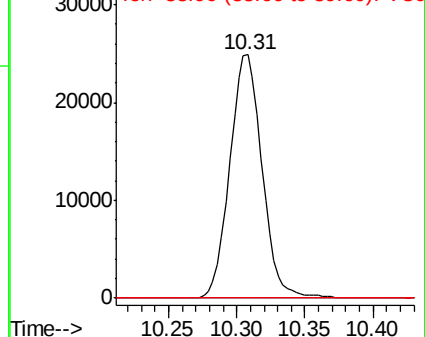
89 0.0 0.0 0.0

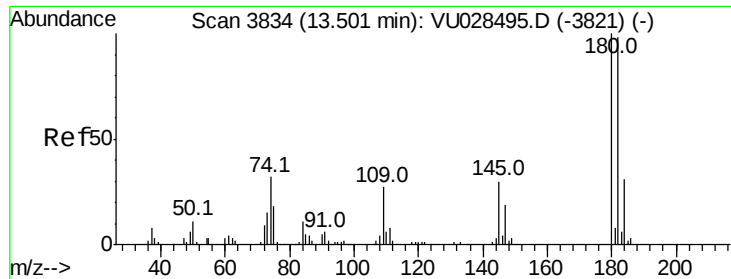


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

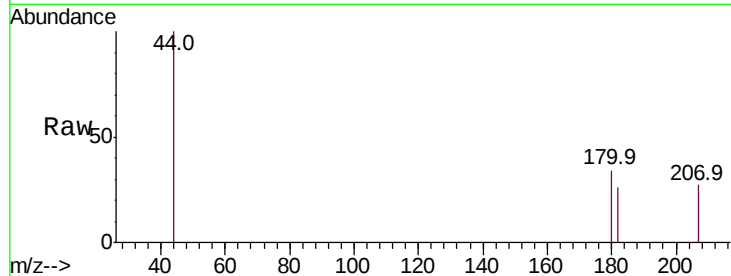




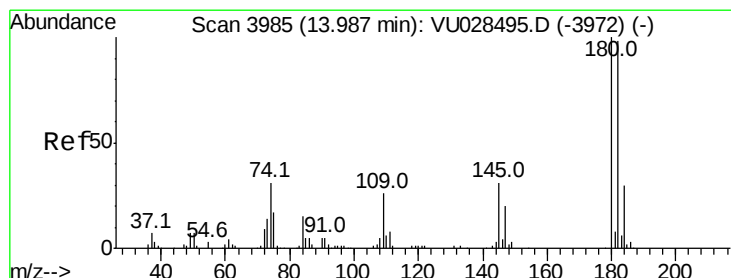
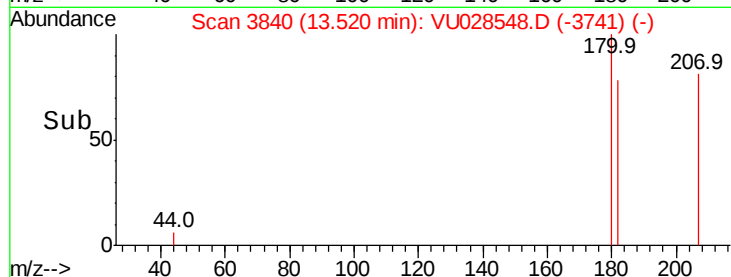
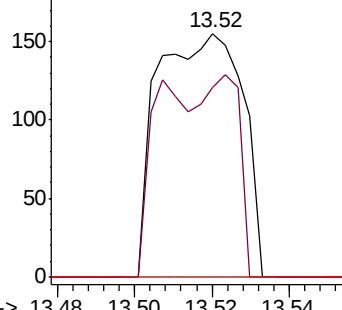
#93
 1,2,4-Trichlorobenzene
 Concen: 0.987 ug/l
 RT: 13.52 min Scan# 3840
 Delta R.T. 0.02 min
 Lab File: VU028548.D
 Acq: 10 Dec 2018 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1211WBL01

Tot Ion:180 Resp: 237
 Ion Ratio Lower Upper
 180 100
 182 36.7 47.9 143.8#
 145 0.0 15.0 45.1#

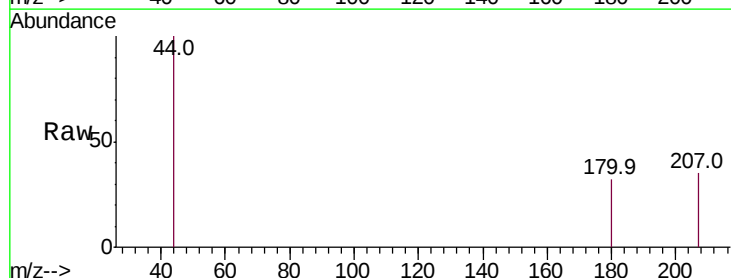


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#96
 1,2,3-Trichlorobenzene
 Concen: 0.219 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU028548.D
 Acq: 10 Dec 2018 14:04

Tgt Ion:180 Resp: 118
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.2 144.6#
 145 0.0 15.8 47.3#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

