

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121518\
 Data File : VU028681.D
 Acq On : 14 Dec 2018 14:20
 Operator : MD/SY
 Sample : VU1215WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:21:02 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	77201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	134855	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	118877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	44080	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	62894	53.38	ug/l	0.00
Spiked Amount			Recovery	=	106.76%	
35) Dibromofluoromethane	4.88	113	46699	55.03	ug/l	0.00
Spiked Amount			Recovery	=	110.06%	
50) Toluene-d8	7.57	98	175754	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	10.31	95	53357	42.52	ug/l	0.00
Spiked Amount			Recovery	=	85.04%	

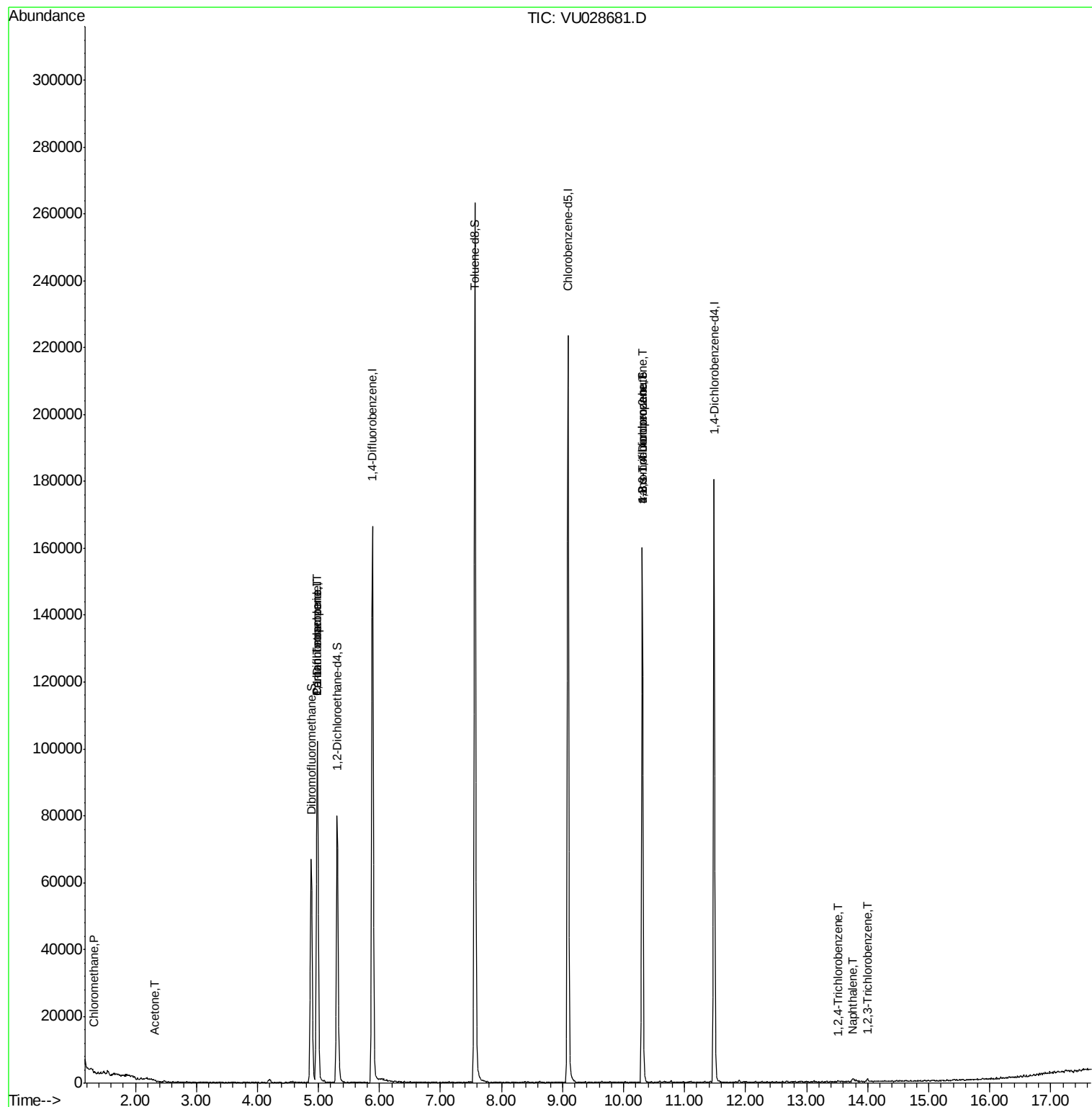
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	597	0.314	ug/l	94
16) Acetone	2.33	43	352	0.458	ug/l #	44
31) Cyclohexane	4.99	56	1851	Below Cal	#	5
36) 1,1-Dichloropropene	4.98	75	6702	4.542	ug/l #	49
38) Carbon Tetrachloride	4.99	117	7258	6.102	ug/l #	15
76) 1,2,3-Trichloropropane	10.31	75	28002	24.878	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	28002	61.049	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.52	180	359	1.187	ug/l #	70
95) Naphthalene	13.75	128	1906	0.532	ug/l #	75
96) 1,2,3-Trichlorobenzene	13.99	180	579	0.712	ug/l #	68

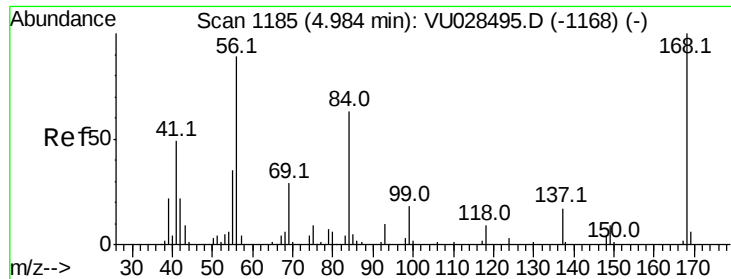
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121518\
Data File : VU028681.D
Acq On : 14 Dec 2018 14:20
Operator : MD/SY
Sample : VU1215WBL01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:21:02 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: VU028681.D

Acq: 14 Dec 2018 14:20

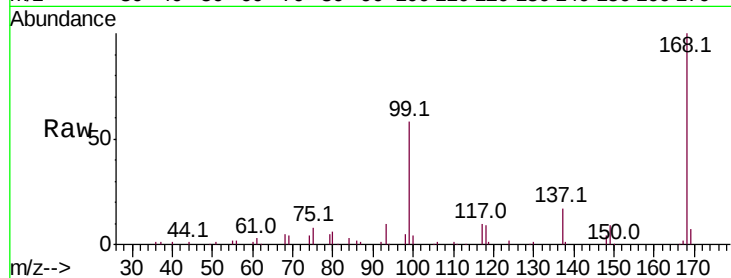
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 77201

Ion Ratio Lower Upper

168 100

99 58.3 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

30000

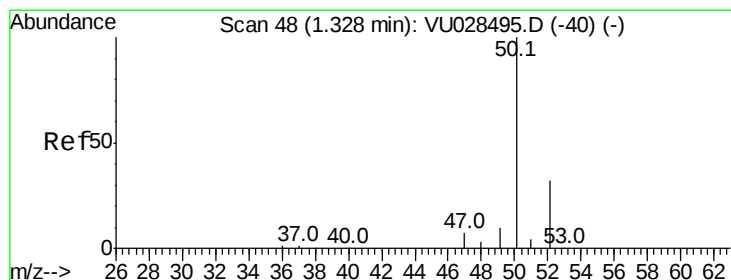
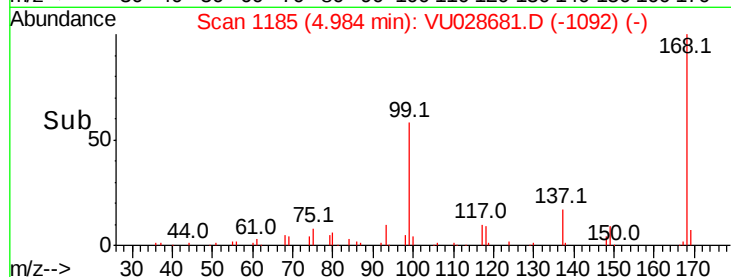
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.314 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028681.D

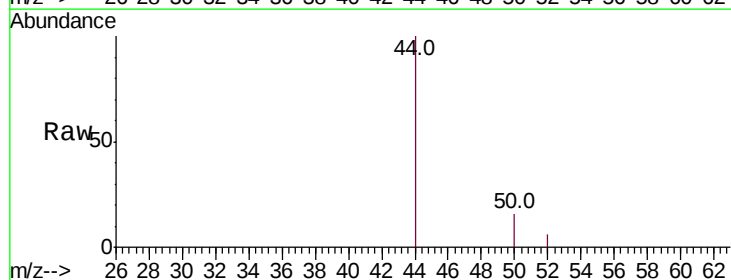
Acq: 14 Dec 2018 14:20

Tgt Ion: 50 Resp: 597

Ion Ratio Lower Upper

50 100

52 35.1 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

500

400

300

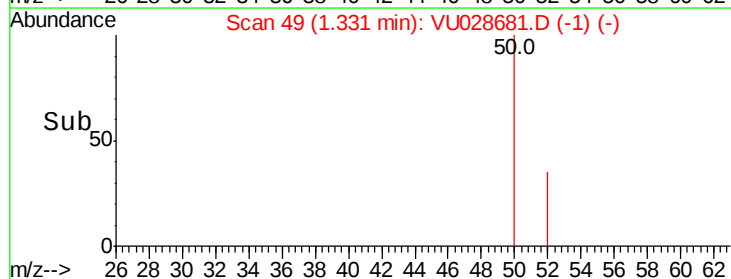
200

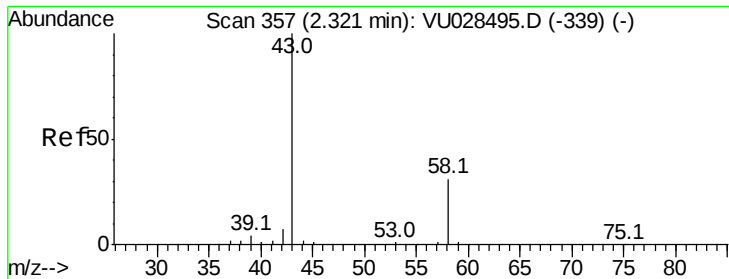
100

0

1.30 1.32 1.34 1.36

Time-->





#16

Acetone

Concen: 0.458 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU028681.D

Acq: 14 Dec 2018 14:20

Instrument :

MSVOA_U

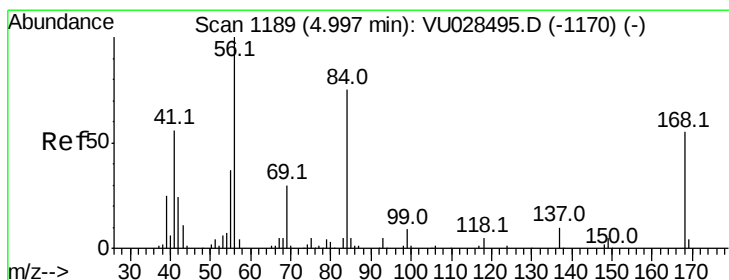
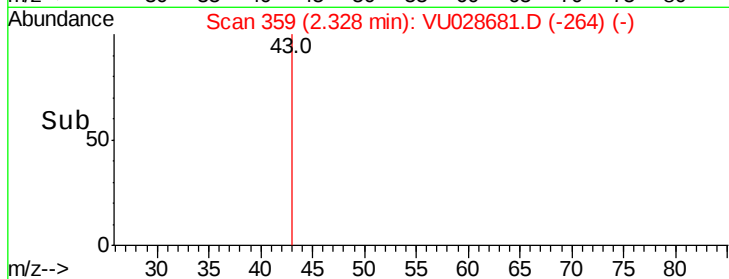
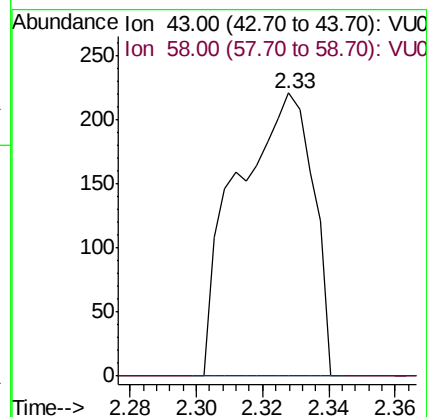
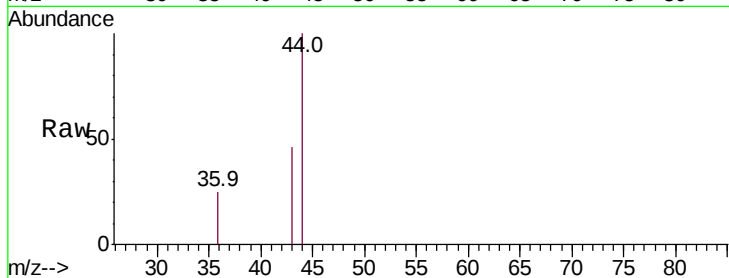
ClientSampleId :

Tot Ion: 43 Resp: 352

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU028681.D

Acq: 14 Dec 2018 14:20

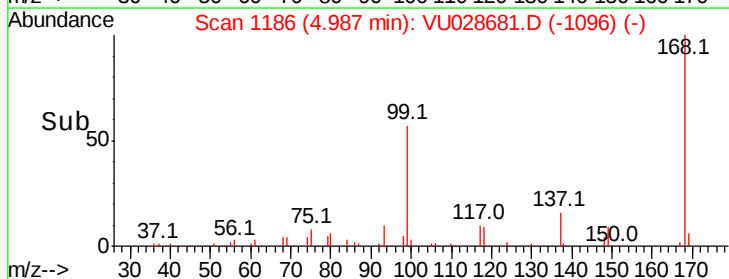
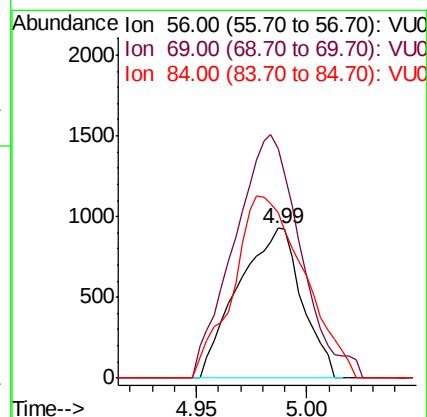
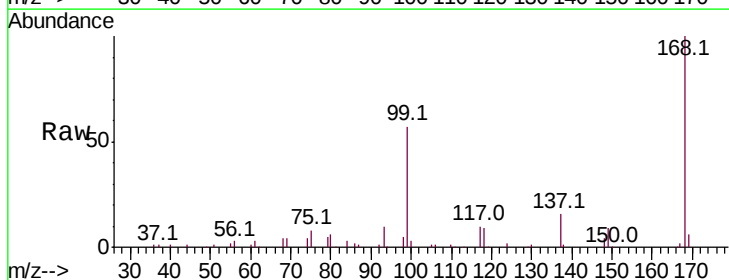
Tgt Ion: 56 Resp: 1851

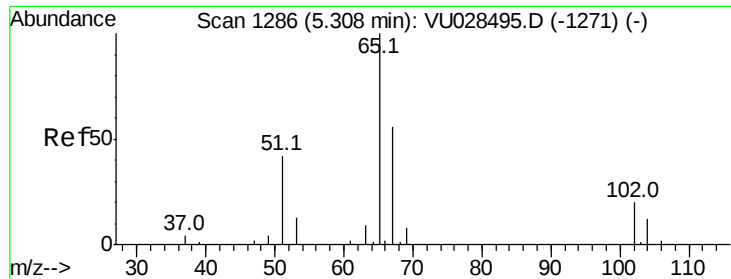
Ion Ratio Lower Upper

56 100

69 153.7 24.0 36.0#

84 110.3 59.7 89.5#

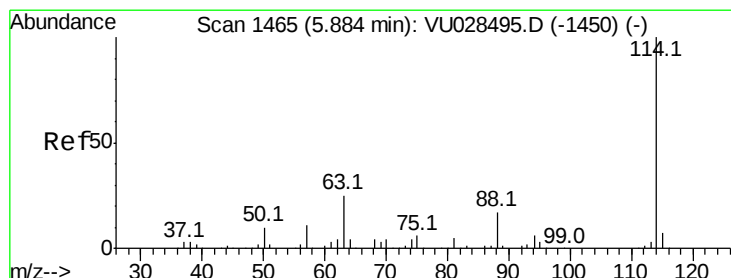
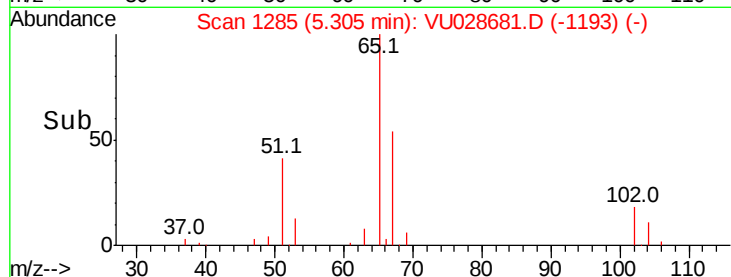
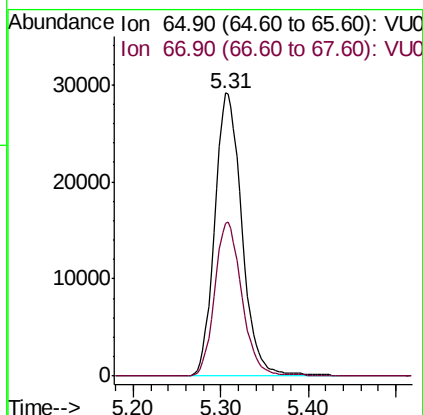
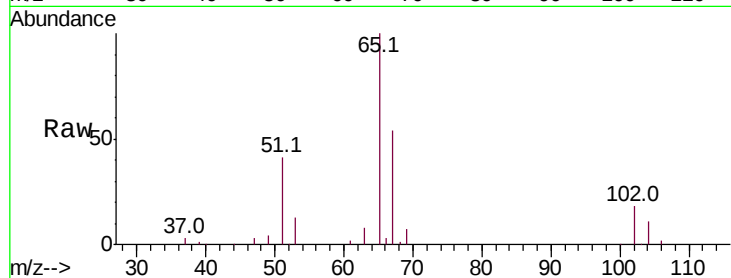




#33
 1,2-Dichloroethane-d4
 Concen: 53.384 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU028681.D
 Acq: 14 Dec 2018 14:20

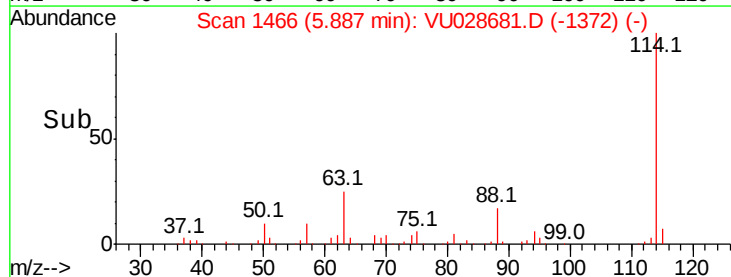
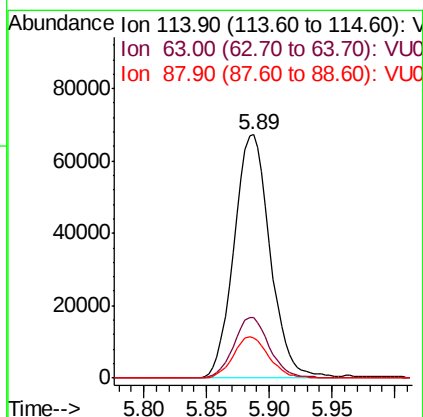
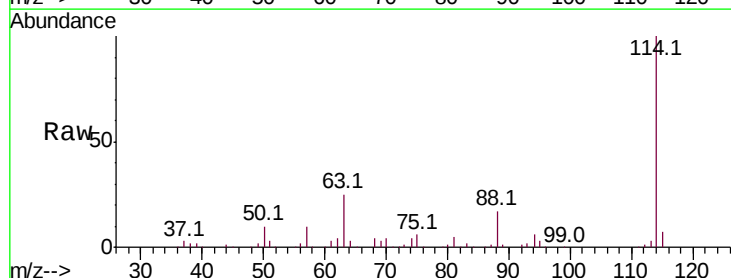
Instrument :
 MSVOA_U
 ClientSampleId :

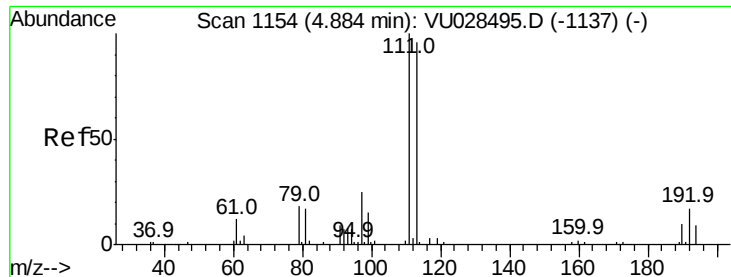
Tot Ion: 65 Resp: 62894
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028681.D
 Acq: 14 Dec 2018 14:20

Tgt Ion:114 Resp: 134855
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.6 0.0 33.4

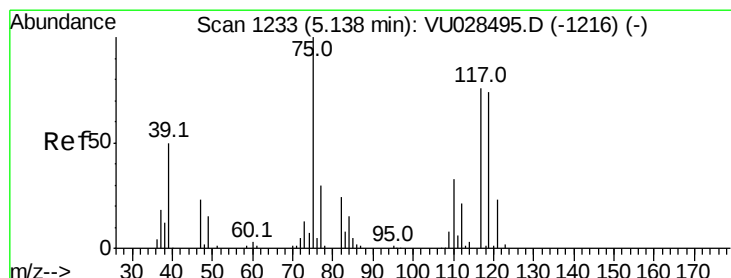
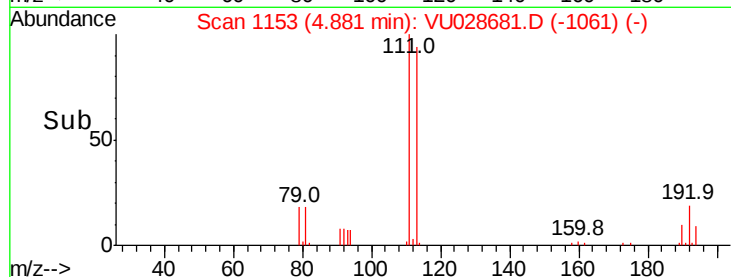
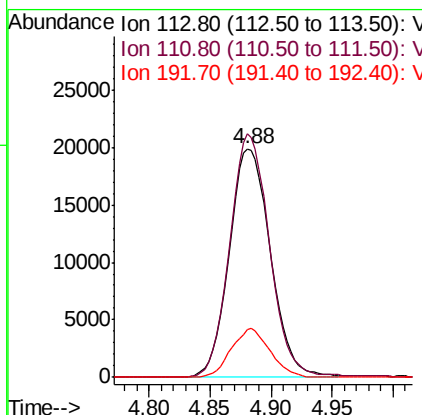
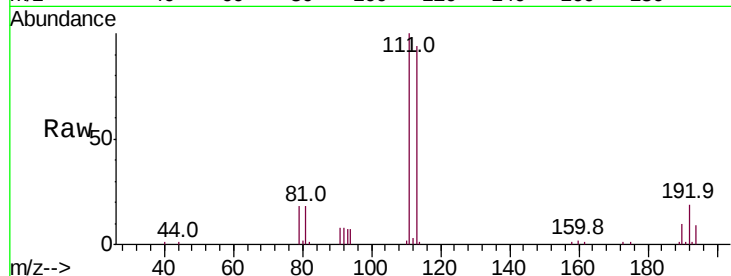




#35
 Dibromofluoromethane
 Concen: 55.027 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028681.D
 Acq: 14 Dec 2018 14:20

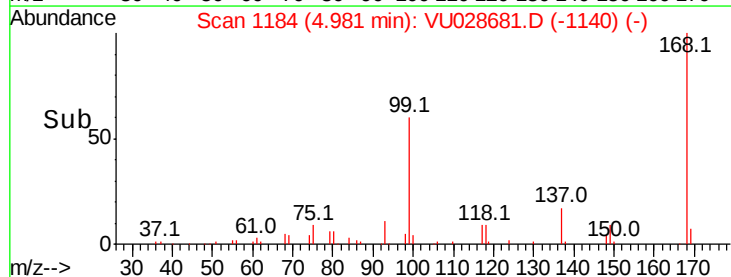
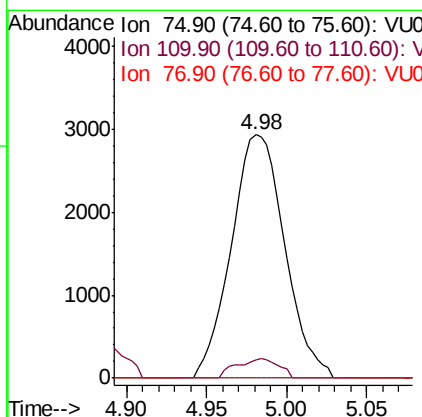
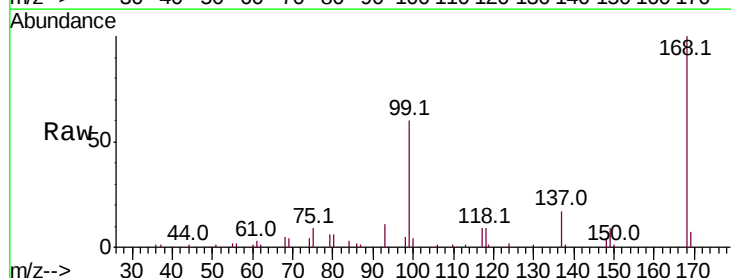
Instrument :
 MSVOA_U
 ClientSampled :

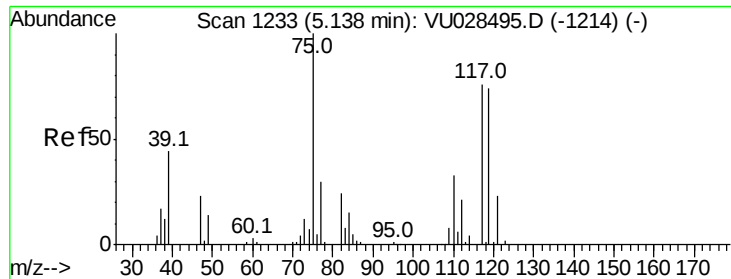
Tot Ion:113 Resp: 46699
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.0
 192 19.9 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.542 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028681.D
 Acq: 14 Dec 2018 14:20

Tgt Ion: 75 Resp: 6702
 Ion Ratio Lower Upper
 75 100
 110 6.3 16.1 48.2#
 77 0.0 24.5 36.7#

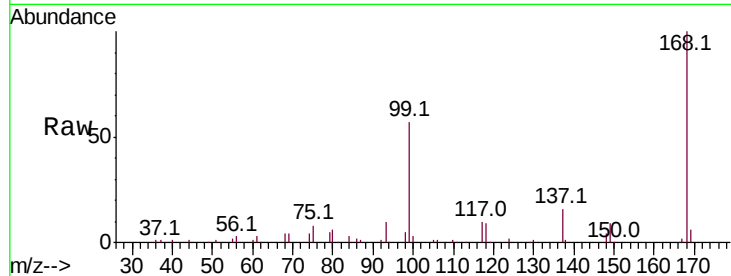




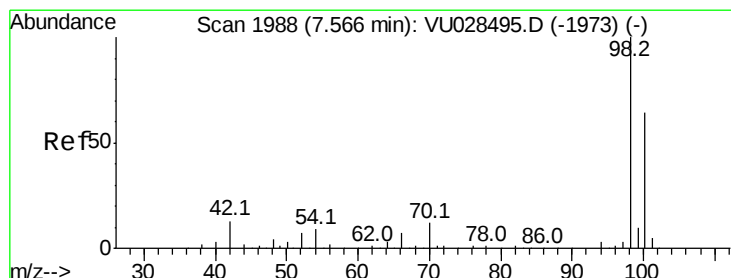
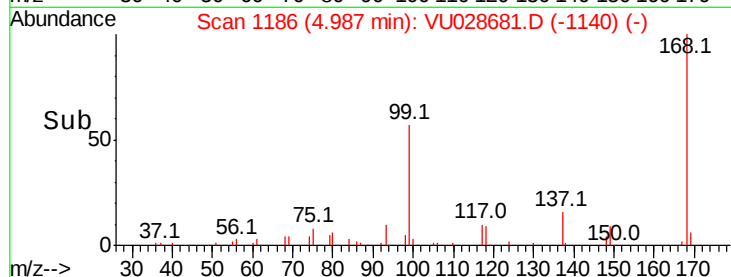
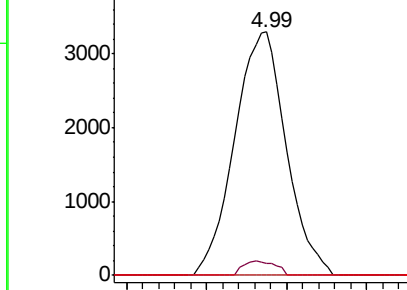
#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU028681.D
Acq: 14 Dec 2018 14:20

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 7258
Ion Ratio Lower Upper
117 100
119 5.0 77.6 116.4#
121 0.0 24.6 36.8#

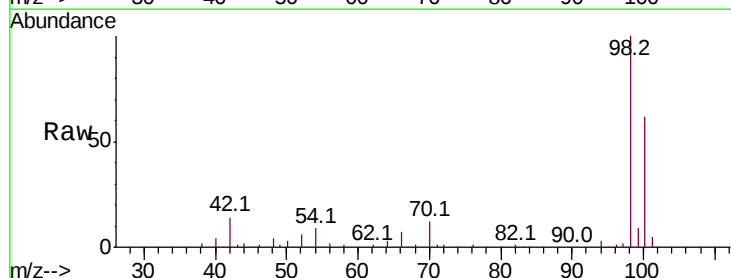


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

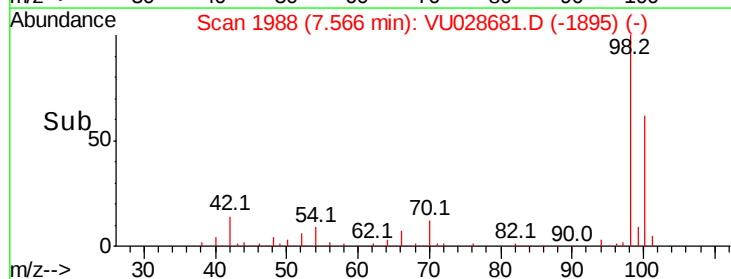
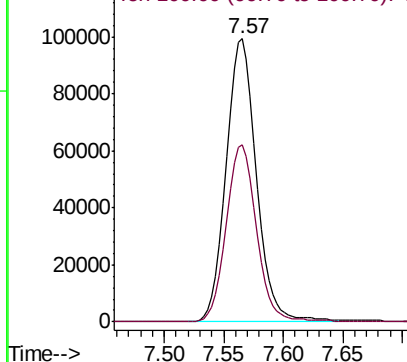


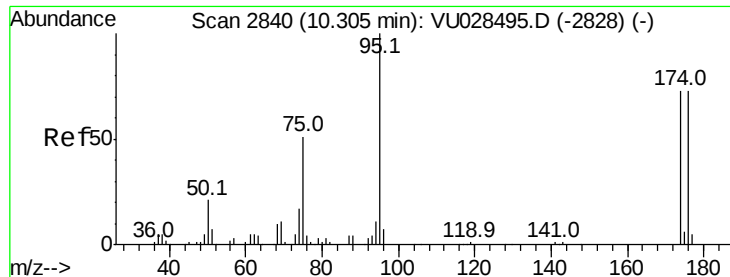
#50
Toluene-d8
Concen: 52.353 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028681.D
Acq: 14 Dec 2018 14:20

Tgt Ion: 98 Resp: 175754
Ion Ratio Lower Upper
98 100
100 62.6 51.0 76.6



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





#62

4-Bromofluorobenzene

Concen: 42.523 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028681.D

Acq: 14 Dec 2018 14:20

Instrument :

MSVOA_U

ClientSampleId :

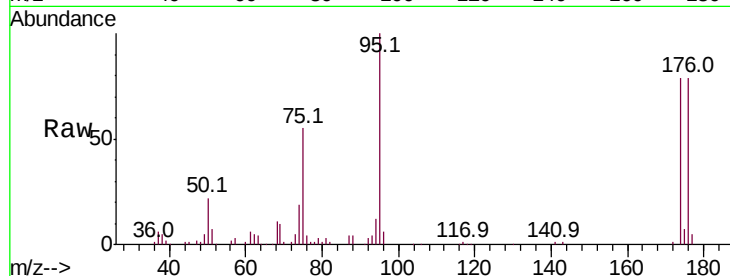
Tot Ion: 95 Resp: 53357

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.4

176 74.2 0.0 145.2

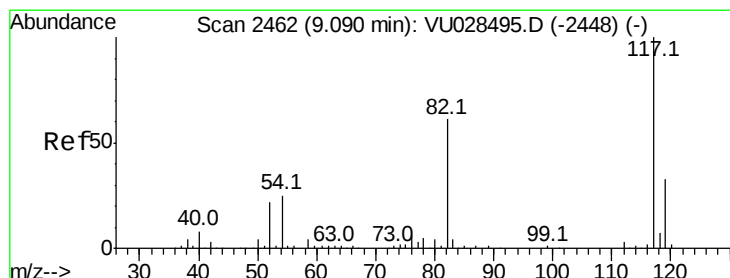
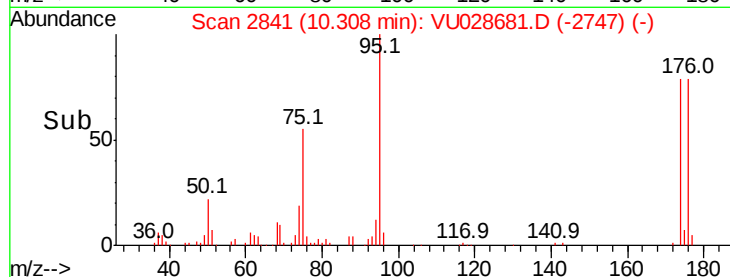


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

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

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

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028681.D

Acq: 14 Dec 2018 14:20

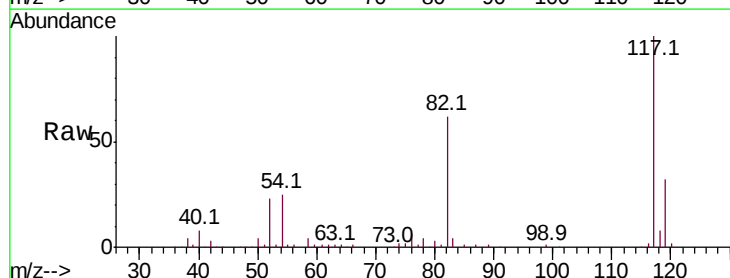
Tgt Ion: 117 Resp: 118877

Ion Ratio Lower Upper

117 100

82 61.8 48.9 73.3

119 32.0 26.2 39.4

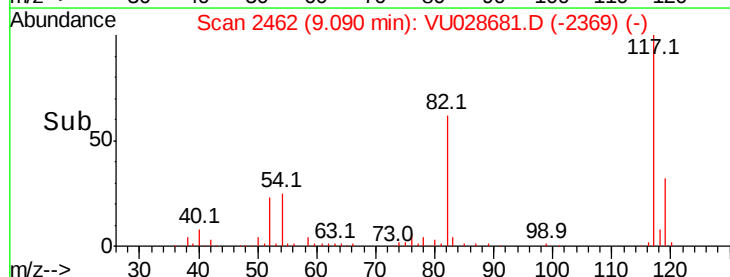


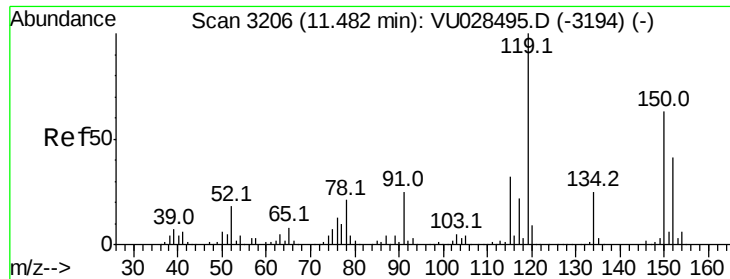
Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028681.D

Acq: 14 Dec 2018 14:20

Instrument :

MSVOA_U

ClientSampled :

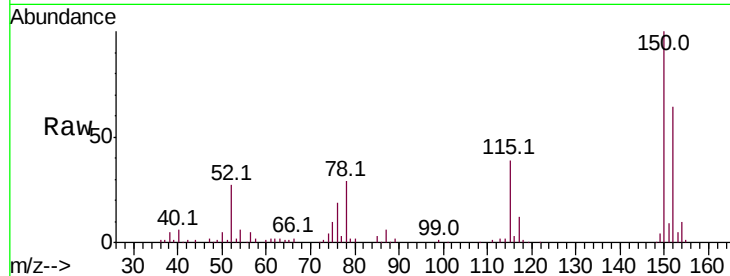
Tot Ion:152 Resp: 44080

Ion Ratio Lower Upper

152 100

115 60.4 42.7 128.1

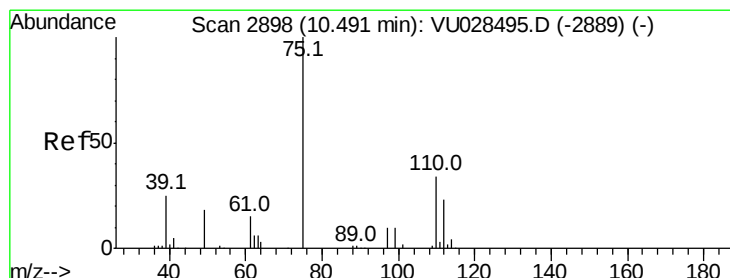
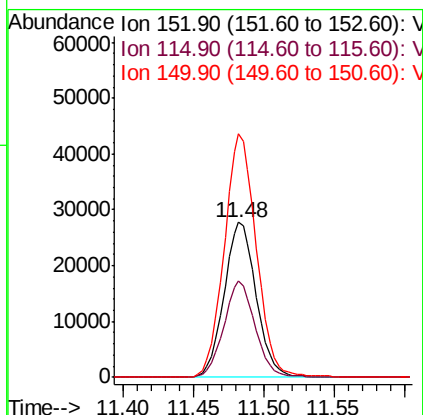
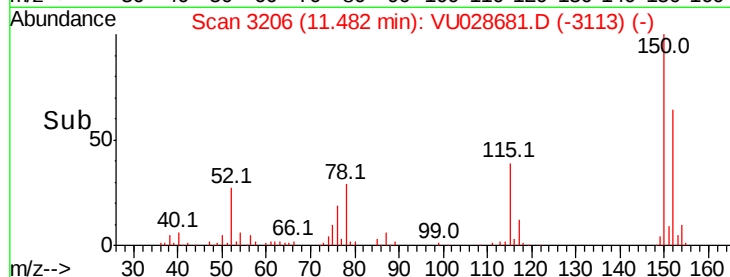
150 157.3 0.0 346.0



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: 24.878 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU028681.D

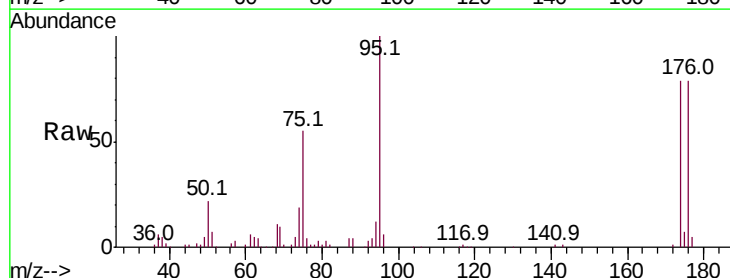
Acq: 14 Dec 2018 14:20

Tgt Ion: 75 Resp: 28002

Ion Ratio Lower Upper

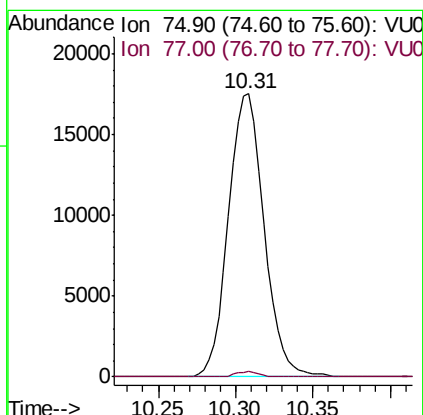
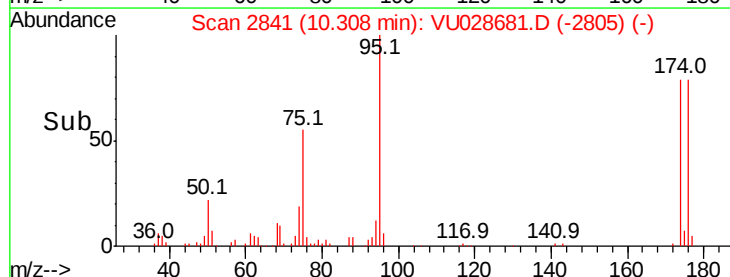
75 100

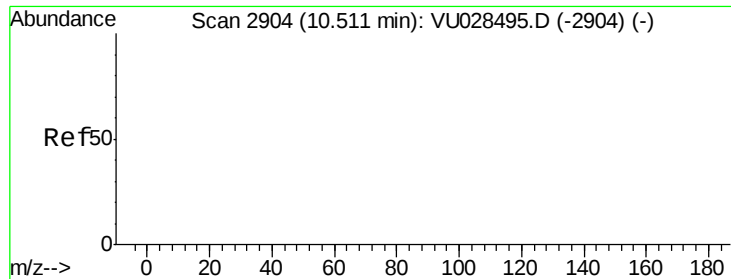
77 1.2 20.8 62.4#



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: 61.049 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028681.D

Acq: 14 Dec 2018 14:20

Instrument :

MSVOA_U

ClientSampleId :

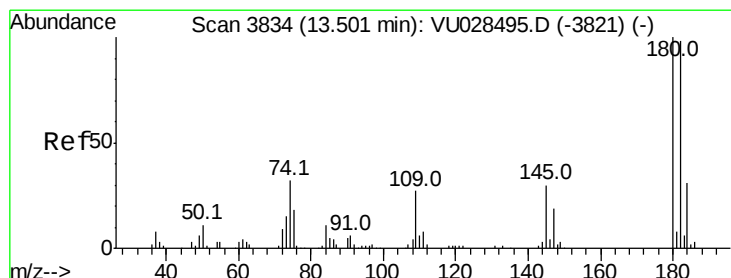
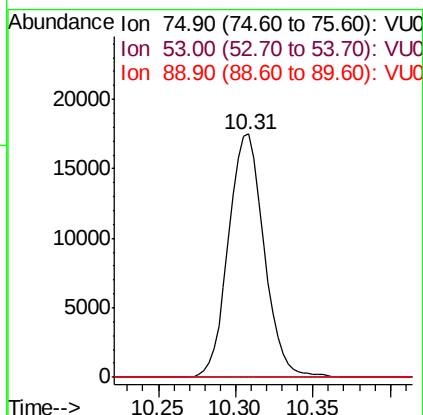
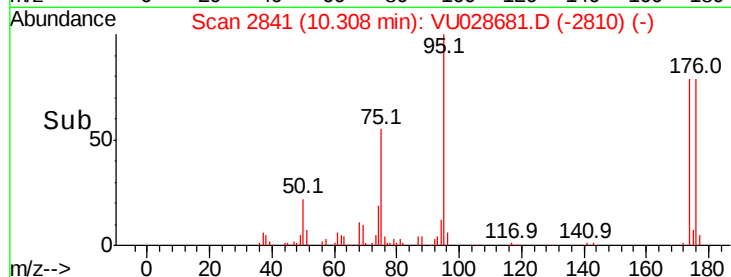
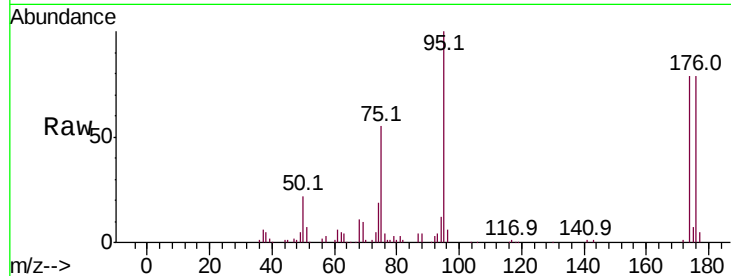
Tot Ion: 75 Resp: 28002

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#93

1,2,4-Trichlorobenzene

Concen: 1.187 ug/l

RT: 13.52 min Scan# 3839

Delta R.T. 0.02 min

Lab File: VU028681.D

Acq: 14 Dec 2018 14:20

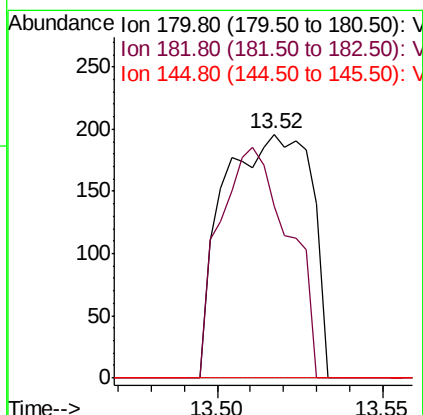
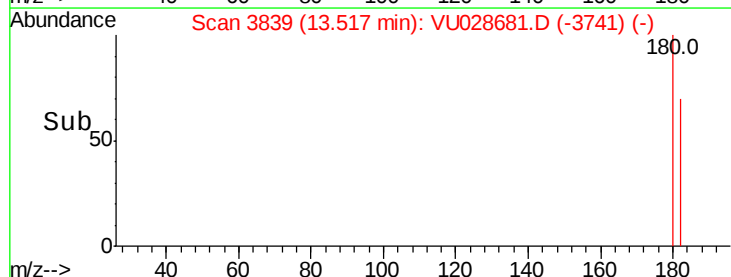
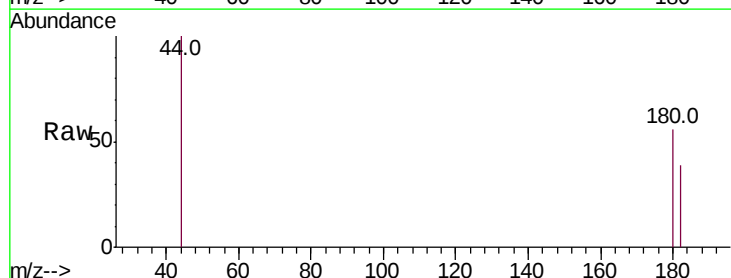
Tgt Ion: 180 Resp: 359

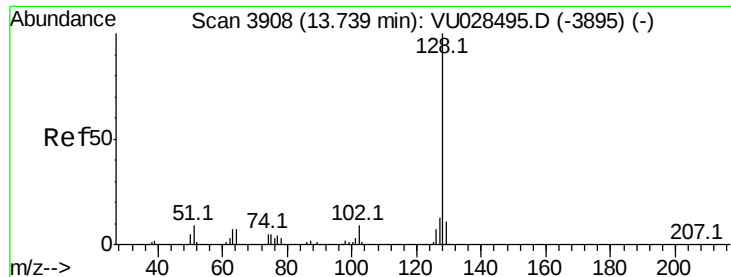
Ion Ratio Lower Upper

180 100

182 74.7 47.9 143.8

145 0.0 15.0 45.1#

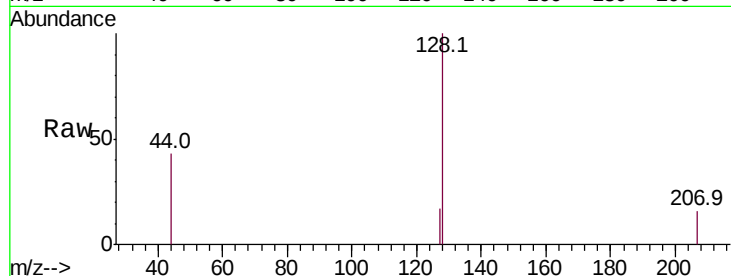




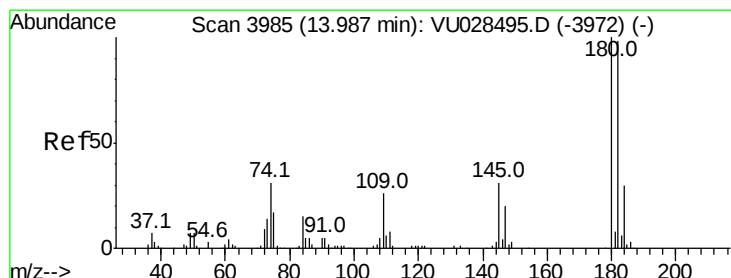
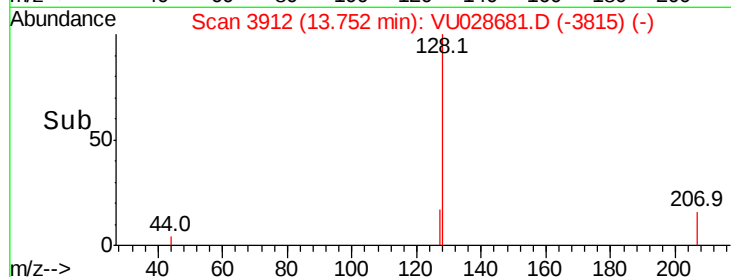
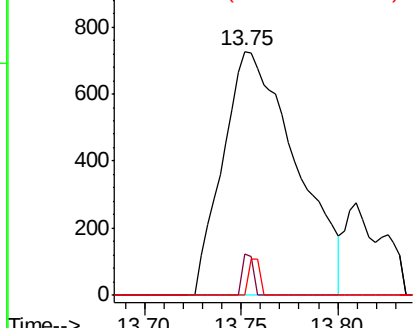
#95
Naphthalene
Concen: 0.532 ug/l
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU028681.D
Acq: 14 Dec 2018 14:20

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	2.4	10.4	15.6#
129	2.2	8.6	13.0#

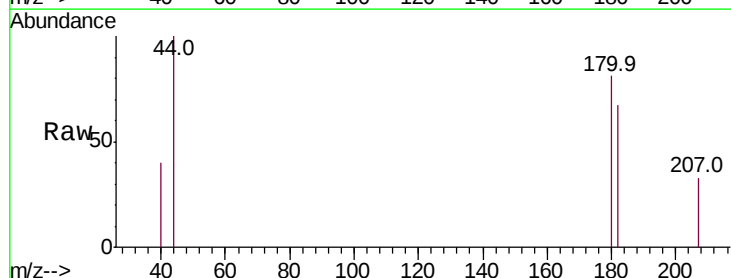


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 0.712 ug/l
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU028681.D
Acq: 14 Dec 2018 14:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	73.1	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

