

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028503.D
 Acq On : 06 Dec 2018 16:12
 Operator : MD/SY
 Sample : J6259-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 06:15:47 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	103504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	194627	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	83705	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	85073	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	
35) Dibromofluoromethane	4.88	113	64387	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
50) Toluene-d8	7.57	98	256291	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	10.31	95	91103	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	

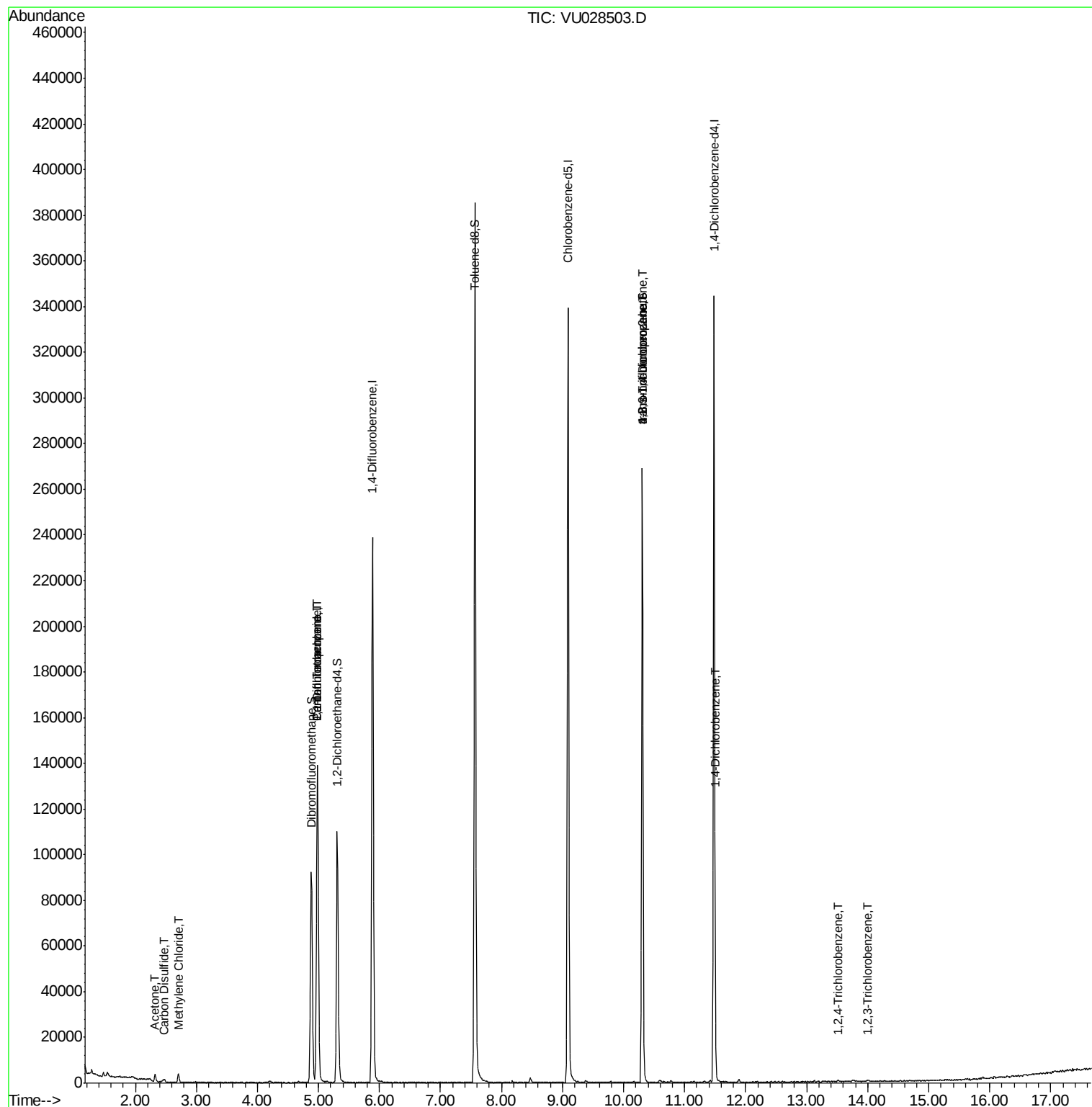
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	3503	3.399	ug/l	96
17) Carbon Disulfide	2.48	76	1105	0.266	ug/l #	75
20) Methylene Chloride	2.70	84	1705	1.122	ug/l	97
31) Cyclohexane	4.99	56	2449	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9095	4.270	ug/l #	50
38) Carbon Tetrachloride	4.98	117	10241	5.966	ug/l #	15
76) 1,2,3-Trichloropropane	10.30	75	47870	22.396	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	47870	55.012	ug/l #	100
88) 1,4-Dichlorobenzene	11.51	146	672	0.229	ug/l #	65
93) 1,2,4-Trichlorobenzene	13.51	180	425	1.058	ug/l #	71
96) 1,2,3-Trichlorobenzene	13.99	180	198	0.248	ug/l #	23

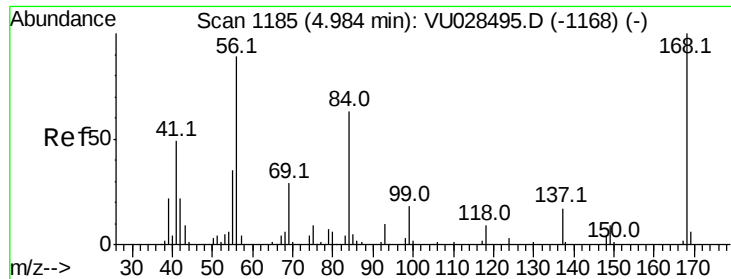
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120618\
Data File : VU028503.D
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Misc : 5.0mL/MSVOA U/WATER
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ClientSampleId :

Quant Time: Dec 07 06:15:47 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: VU028503.D

Acq: 06 Dec 2018 16:12

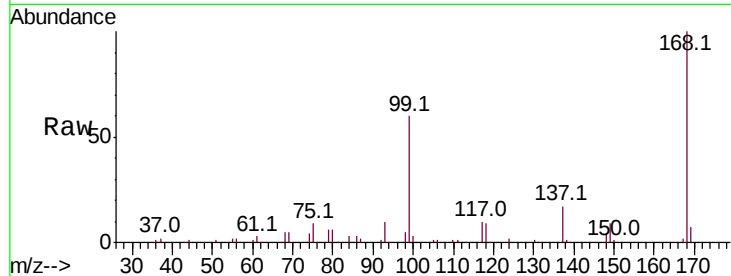
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 103504

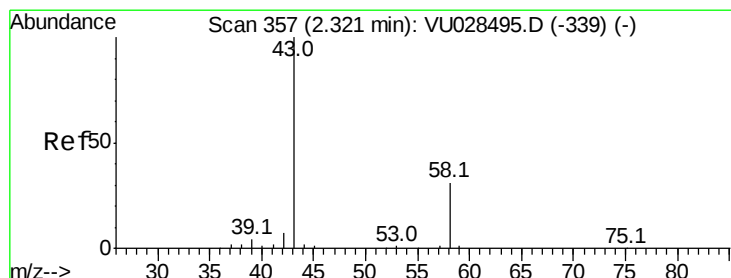
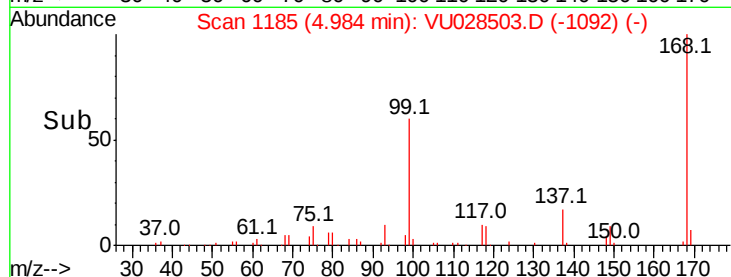
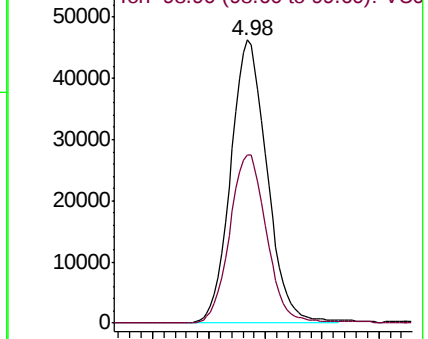
Ion Ratio Lower Upper

168 100

99 59.6 46.6 69.8



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



#16

Acetone

Concen: 3.399 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028503.D

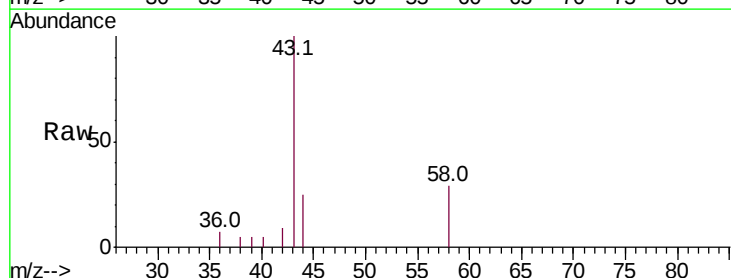
Acq: 06 Dec 2018 16:12

Tgt Ion: 43 Resp: 3503

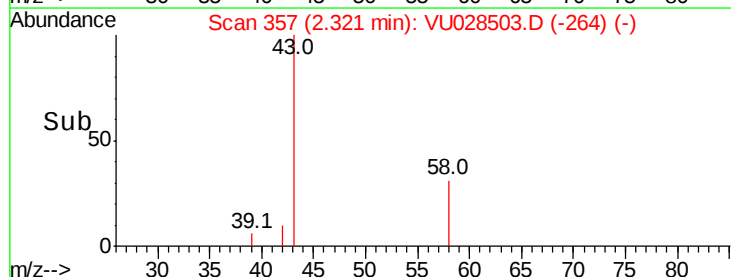
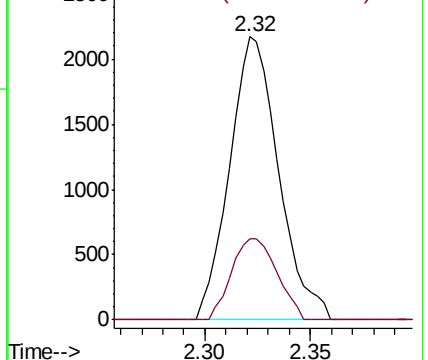
Ion Ratio Lower Upper

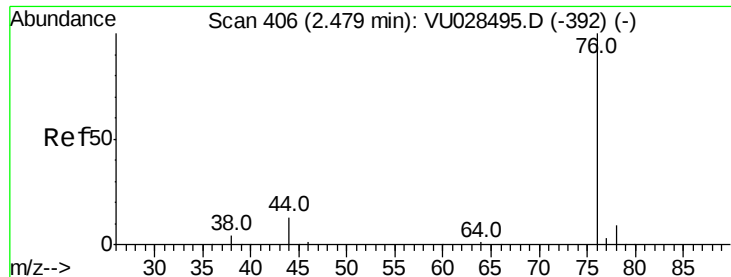
43 100

58 28.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)





#17

Carbon Disulfide

Concen: 0.266 ug/l

RT: 2.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU028503.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_U

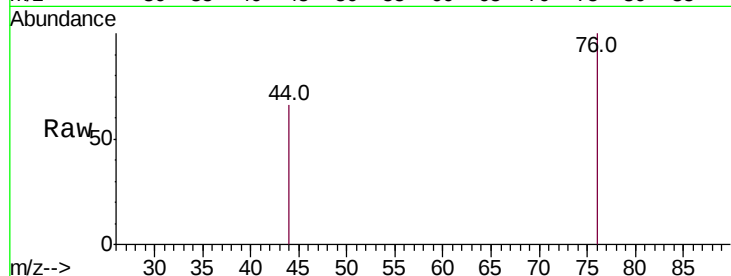
ClientSampleId :

Tot Ion: 76 Resp: 1105

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

800

600

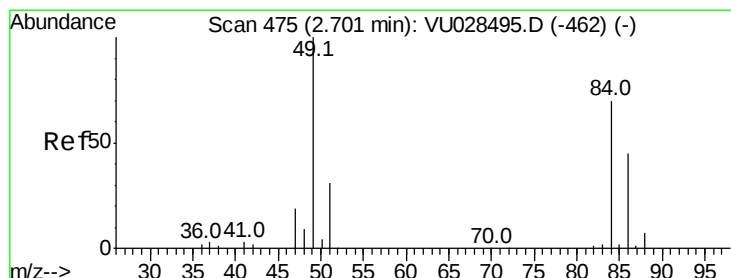
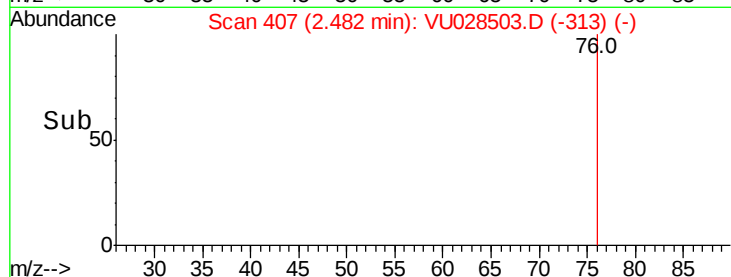
400

200

0

Time-->

2.45 2.50



#20

Methylene Chloride

Concen: 1.122 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU028503.D

Acq: 06 Dec 2018 16:12

Tgt Ion: 84 Resp: 1705

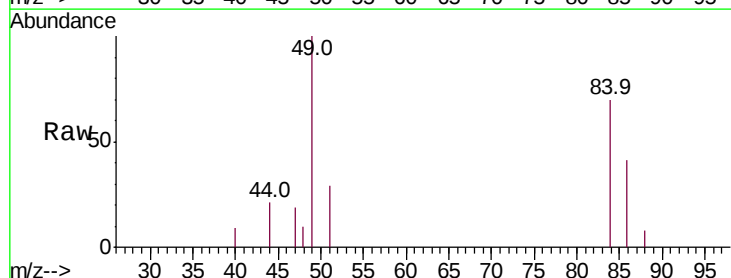
Ion Ratio Lower Upper

84 100

49 143.2 114.0 171.0

51 41.4 35.1 52.7

86 58.5 51.0 76.6



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

2000

1500

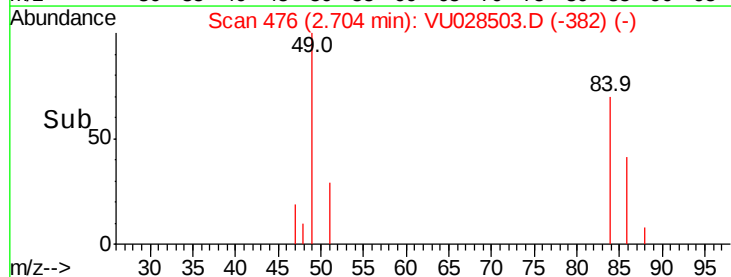
1000

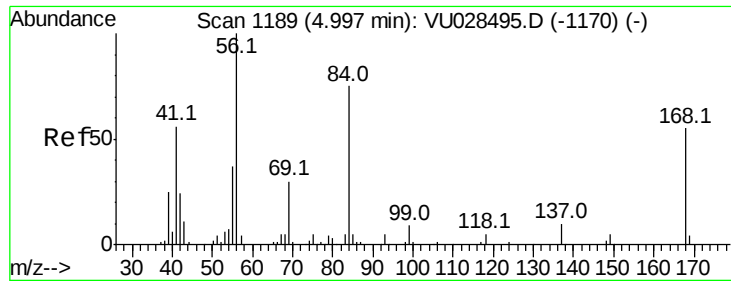
500

0

Time-->

2.65 2.70 2.75

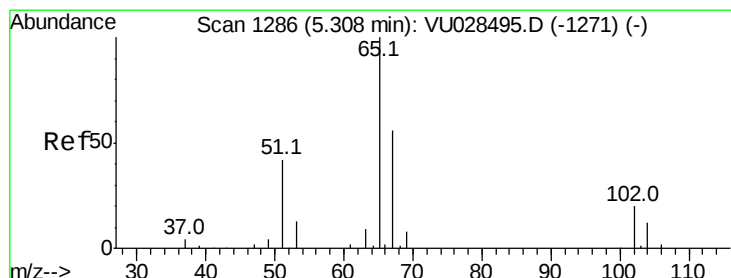
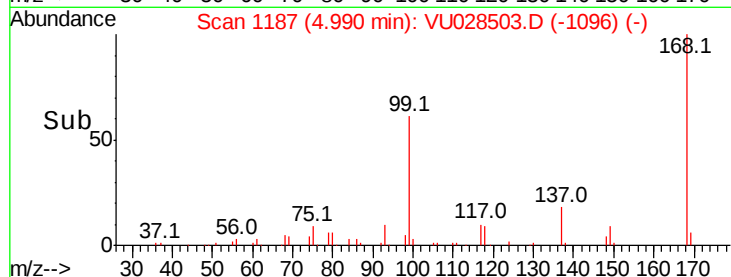
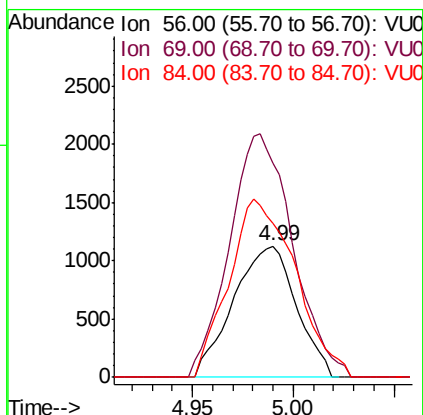
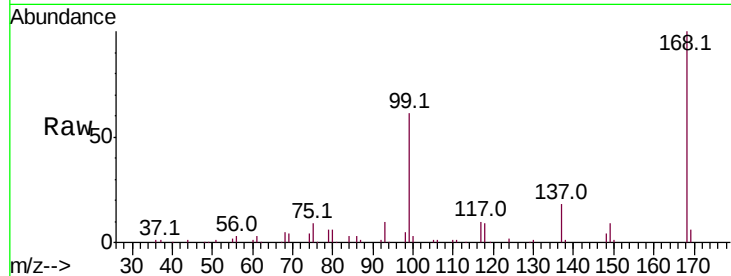




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU028503.D
Acq: 06 Dec 2018 16:12

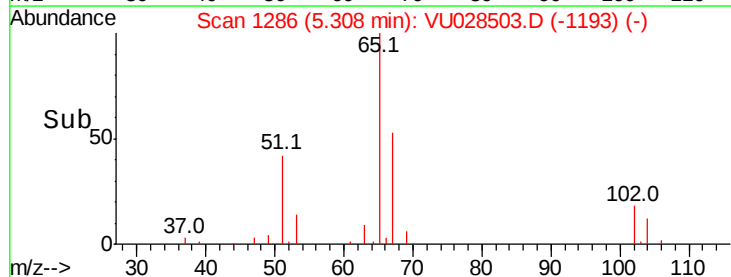
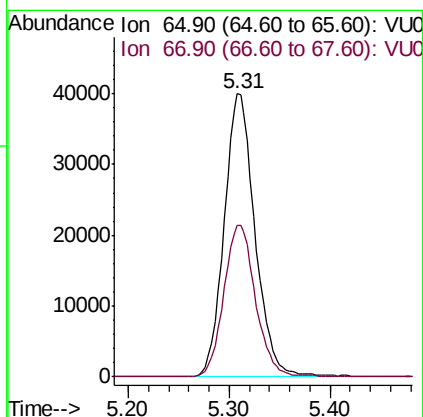
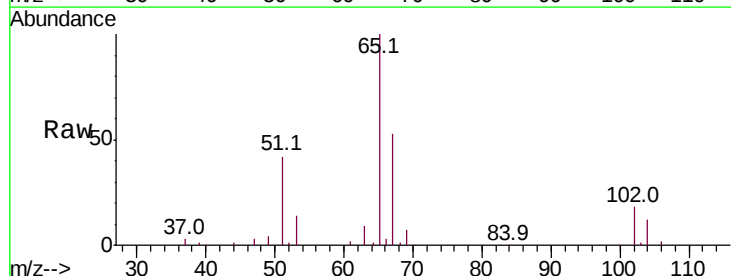
Instrument :
MSVOA_U
ClientSampleId :

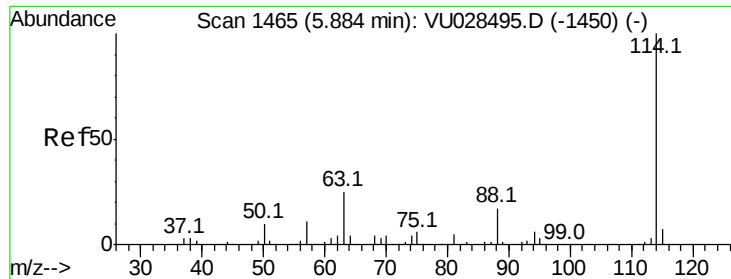
Tot Ion: 56 Resp: 2449
Ion Ratio Lower Upper
56 100
69 162.9 24.0 36.0#
84 116.8 59.7 89.5#



#33
1,2-Dichloroethane-d4
Concen: 53.859 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028503.D
Acq: 06 Dec 2018 16:12

Tgt Ion: 65 Resp: 85073
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.6

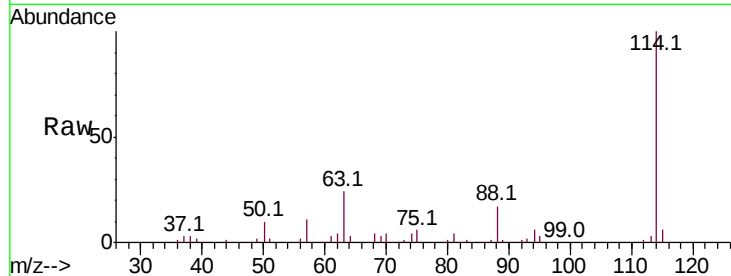




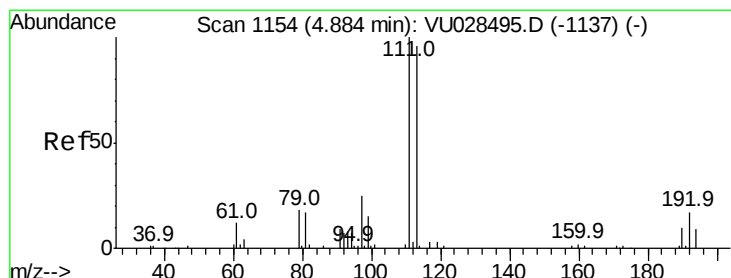
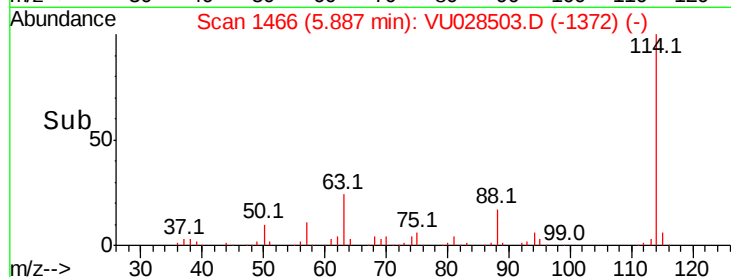
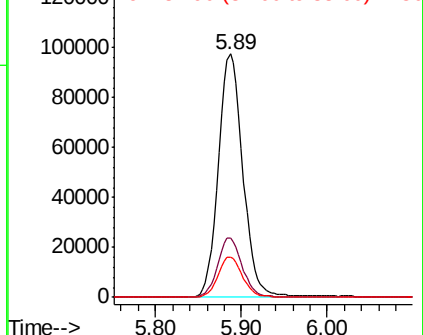
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028503.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	49.2
88	16.7	0.0	33.4

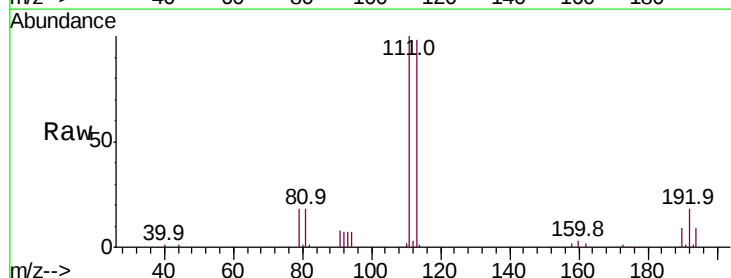


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

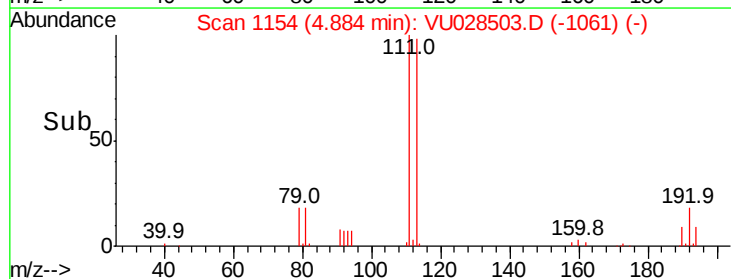
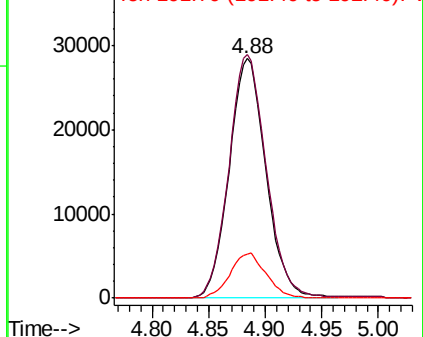


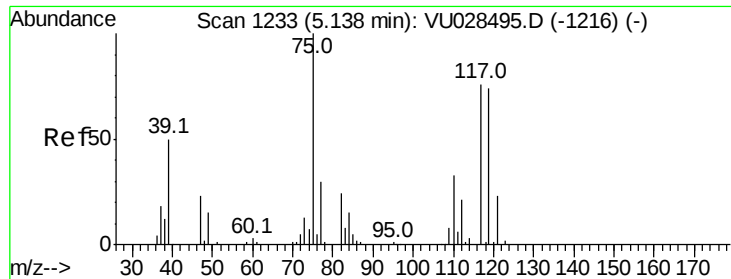
#35
 Dibromofluoromethane
 Concen: 52.569 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028503.D
 Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.0
192	18.4	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

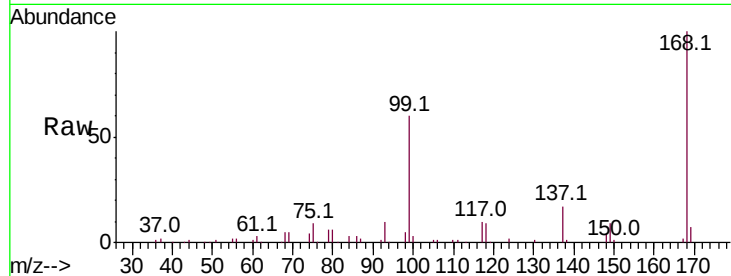




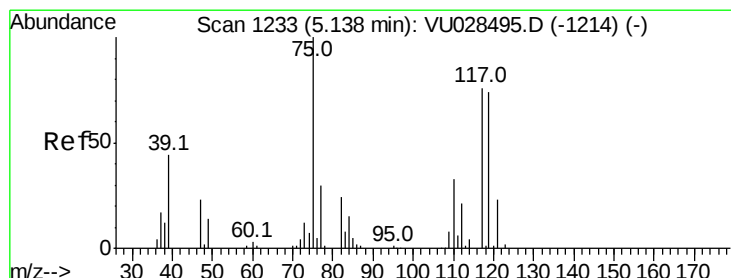
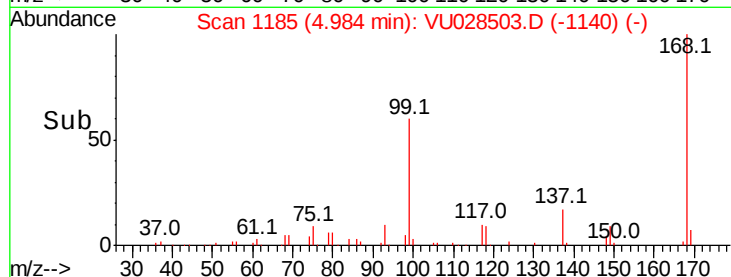
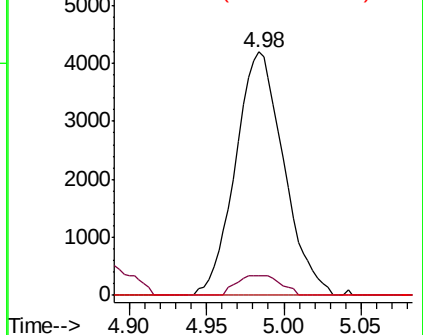
#36
 1,1-Dichloropropene
 Concen: 4.270 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028503.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.1	48.2#
77	0.0	24.5	36.7#

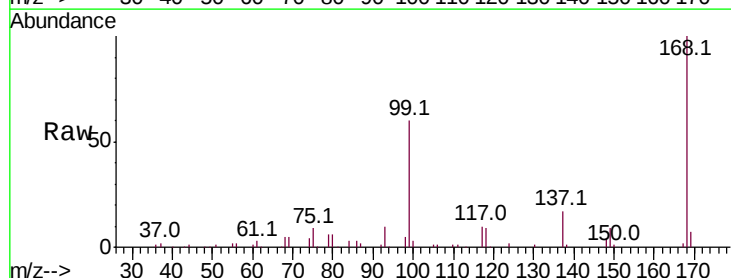


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

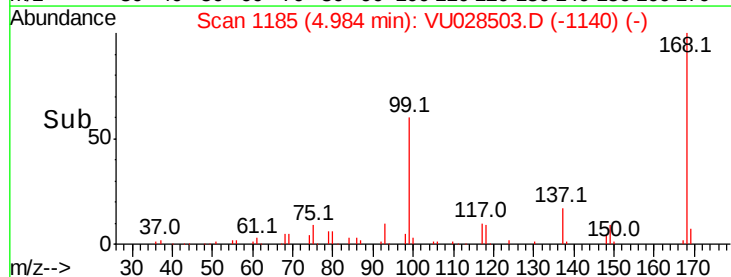
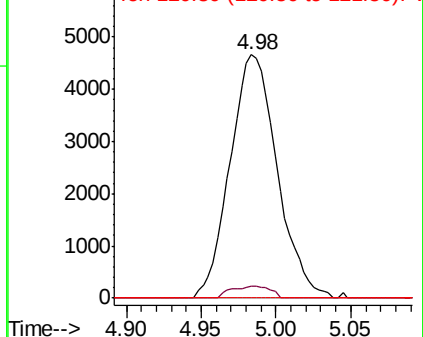


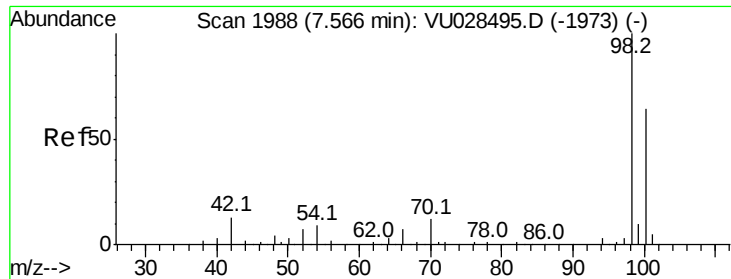
#38
 Carbon Tetrachloride
 Concen: 5.966 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028503.D
 Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	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: 52.897 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028503.D

Acq: 06 Dec 2018 16:12

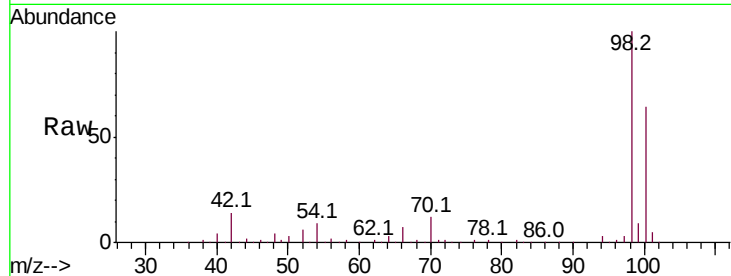
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 98 Resp: 256291

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

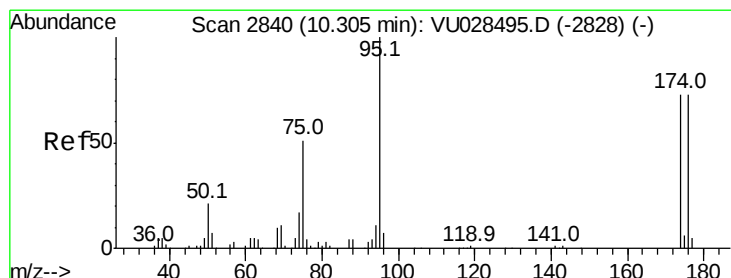
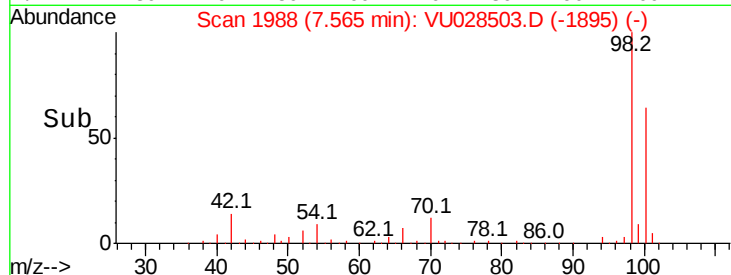
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 50.308 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028503.D

Acq: 06 Dec 2018 16:12

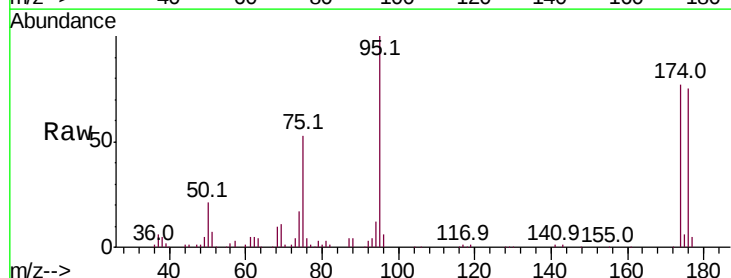
Tgt Ion: 95 Resp: 91103

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.4

176 73.8 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) (-)

10.31

60000

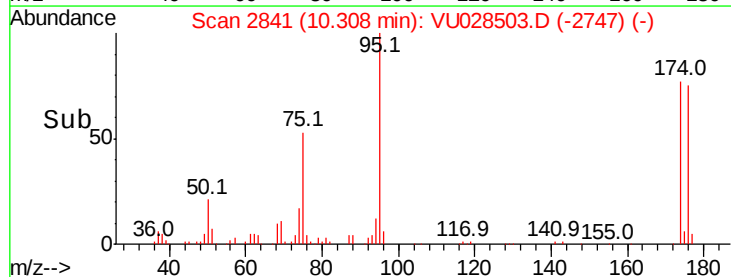
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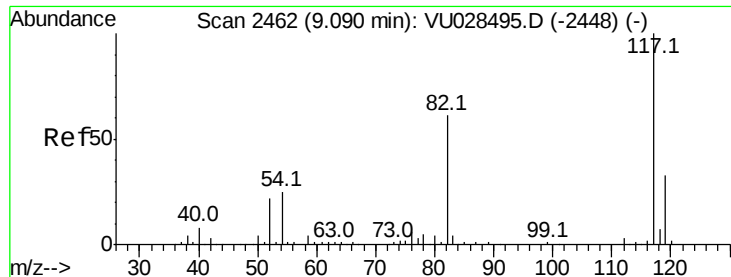
20000

0

10.30 10.40

Time-->

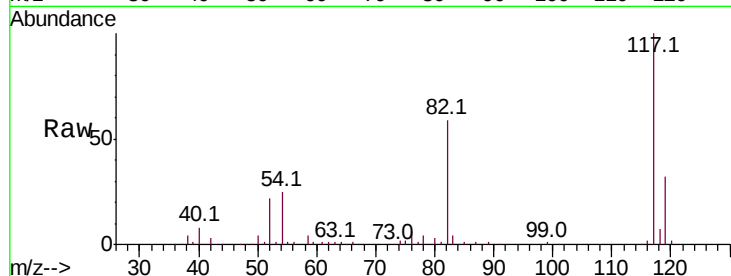




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028503.D
Acq: 06 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	48.9	73.3
119	31.7	26.2	39.4

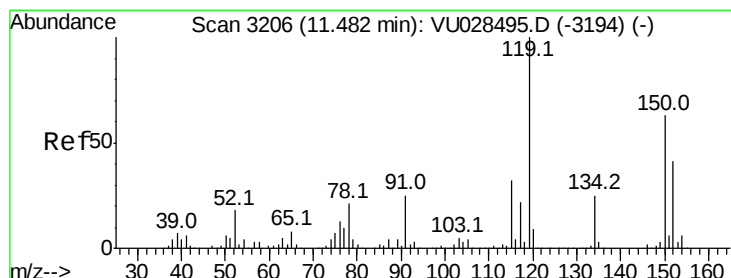
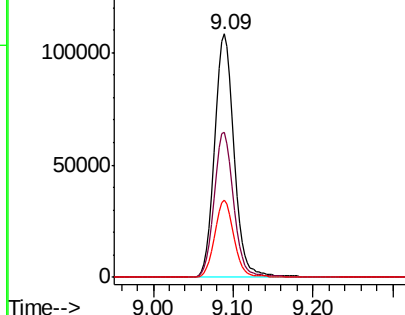
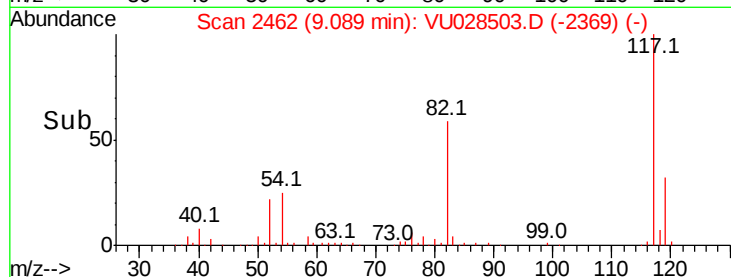


Abundance

Ion 116.90 (116.60 to 117.60): V

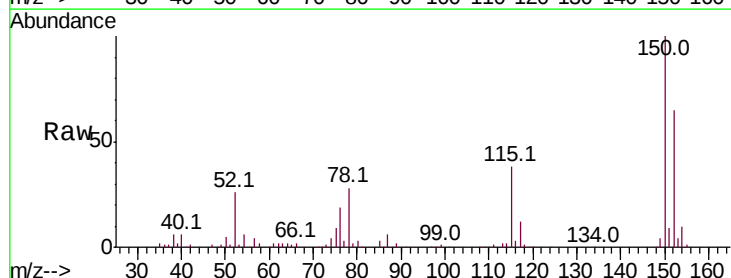
Ion 82.00 (81.70 to 82.70): V

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: VU028503.D
Acq: 06 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	42.7	128.1
150	155.9	0.0	346.0

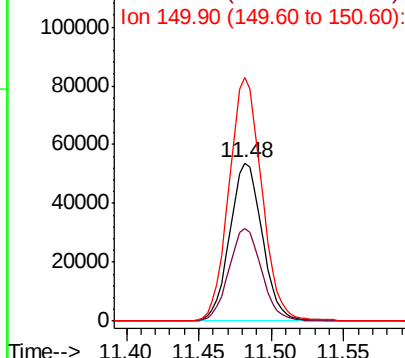
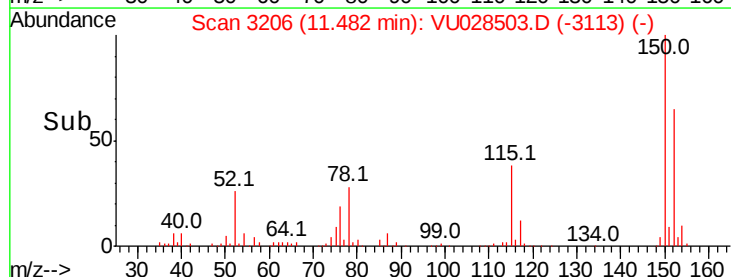


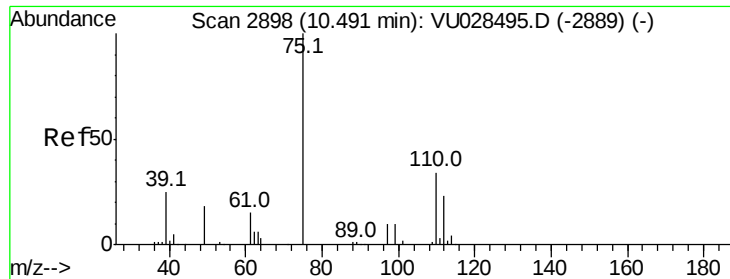
Abundance

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

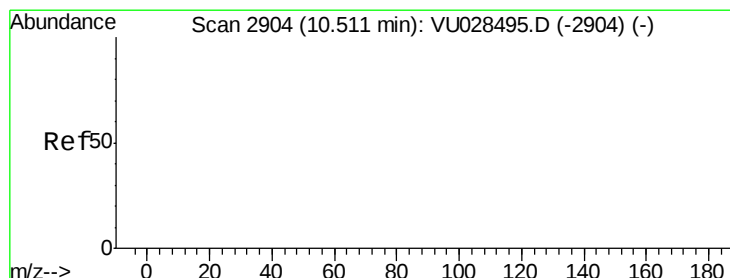
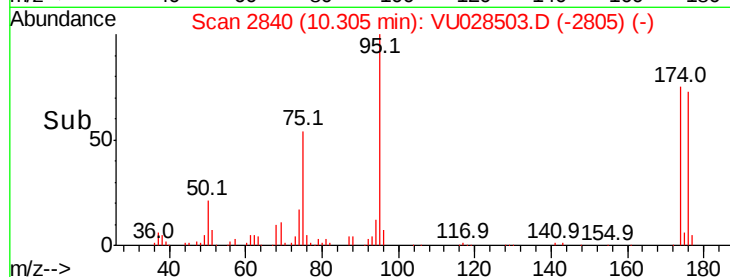
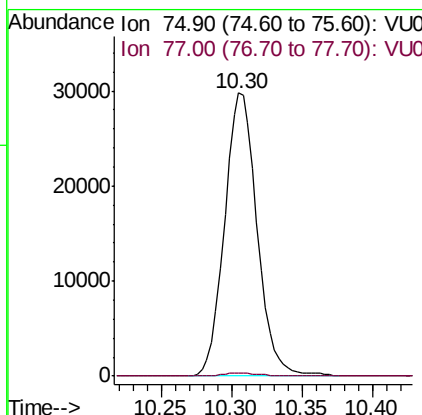
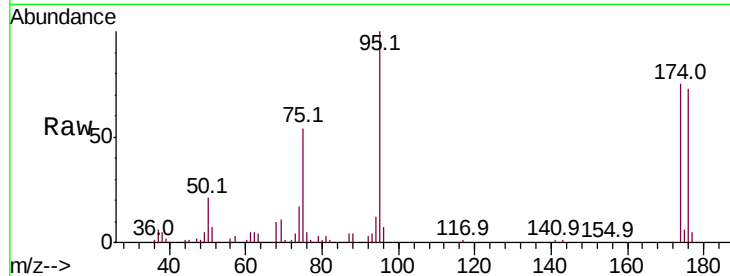




#76
 1,2,3-Trichloropropane
 Concen: 22.396 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028503.D
 Acq: 06 Dec 2018 16:12

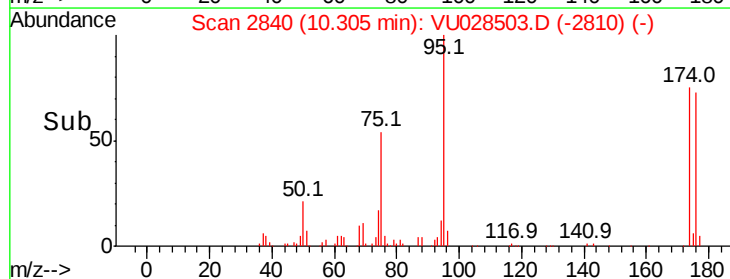
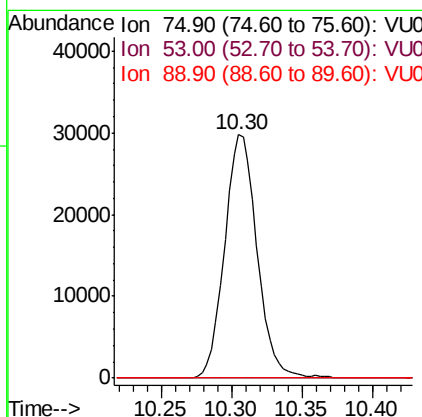
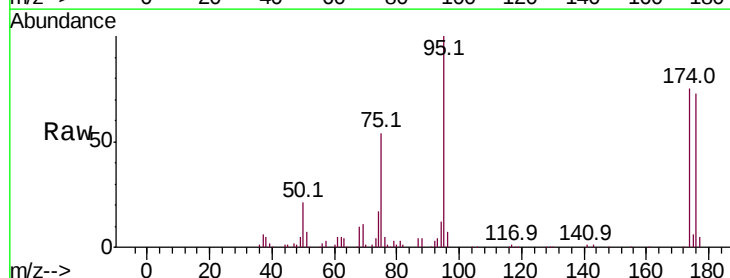
Instrument :
 MSVOA_U
 ClientSampleId :

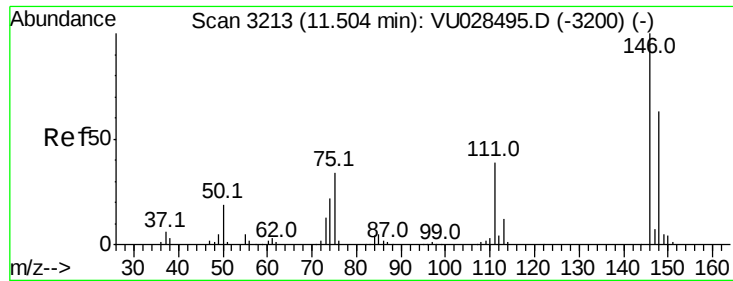
Tot Ion: 75 Resp: 47870
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.8 62.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.012 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU028503.D
 Acq: 06 Dec 2018 16:12

Tgt Ion: 75 Resp: 47870
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#88

1,4-Dichlorobenzene

Concen: 0.229 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU028503.D

Acq: 06 Dec 2018 16:12

Instrument :

MSVOA_U

ClientSampled :

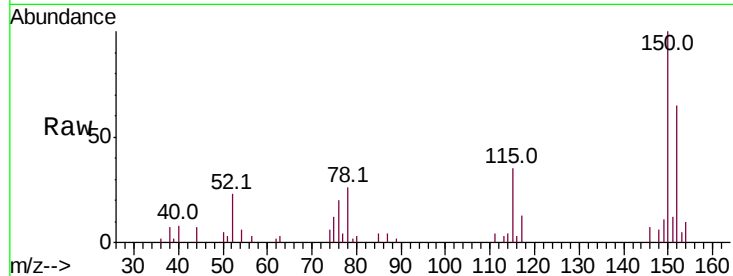
Tot Ion:146 Resp: 672

Ion Ratio Lower Upper

146 100

111 0.0 20.2 60.5#

148 51.2 31.6 95.0

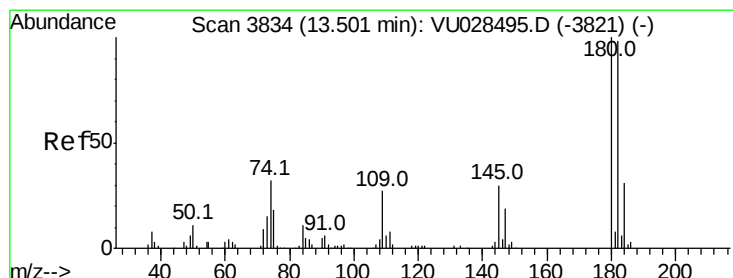
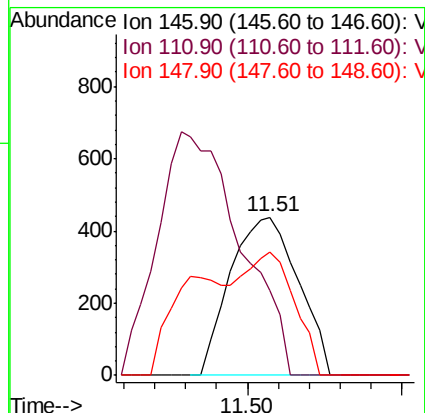
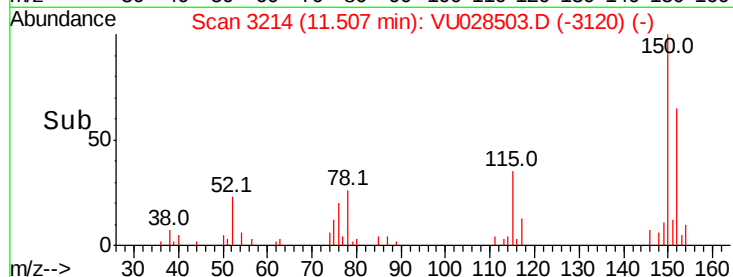


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.058 ug/l

RT: 13.51 min Scan# 3837

Delta R.T. 0.01 min

Lab File: VU028503.D

Acq: 06 Dec 2018 16:12

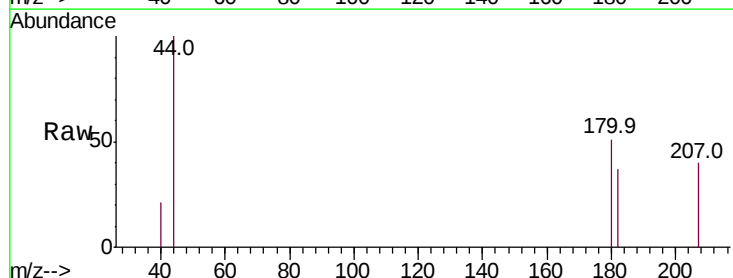
Tgt Ion:180 Resp: 425

Ion Ratio Lower Upper

180 100

182 75.1 47.9 143.8

145 0.0 15.0 45.1#

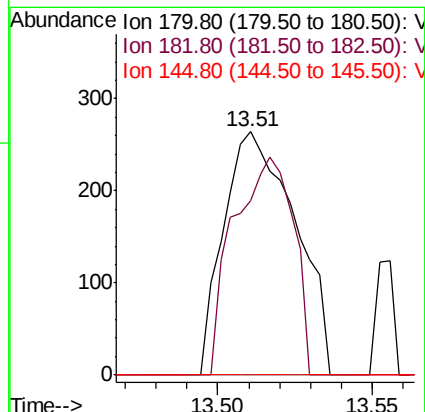
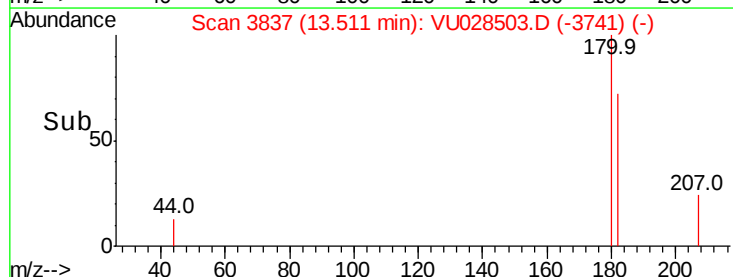


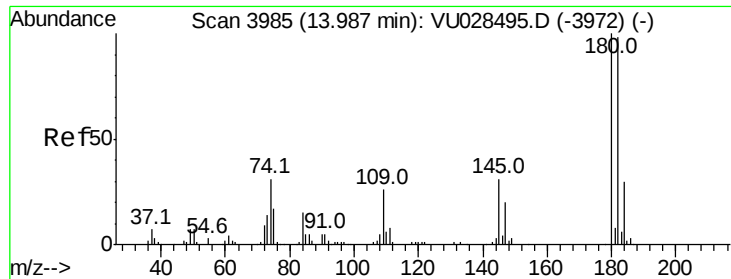
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 0.248 ug/l
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU028503.D
 Acq: 06 Dec 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	178.8	48.2	144.6#
145	0.0	15.8	47.3#

