

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121518\
 Data File : VU028697.D
 Acq On : 14 Dec 2018 20:52
 Operator : MD/SY
 Sample : J6393-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:23:56 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

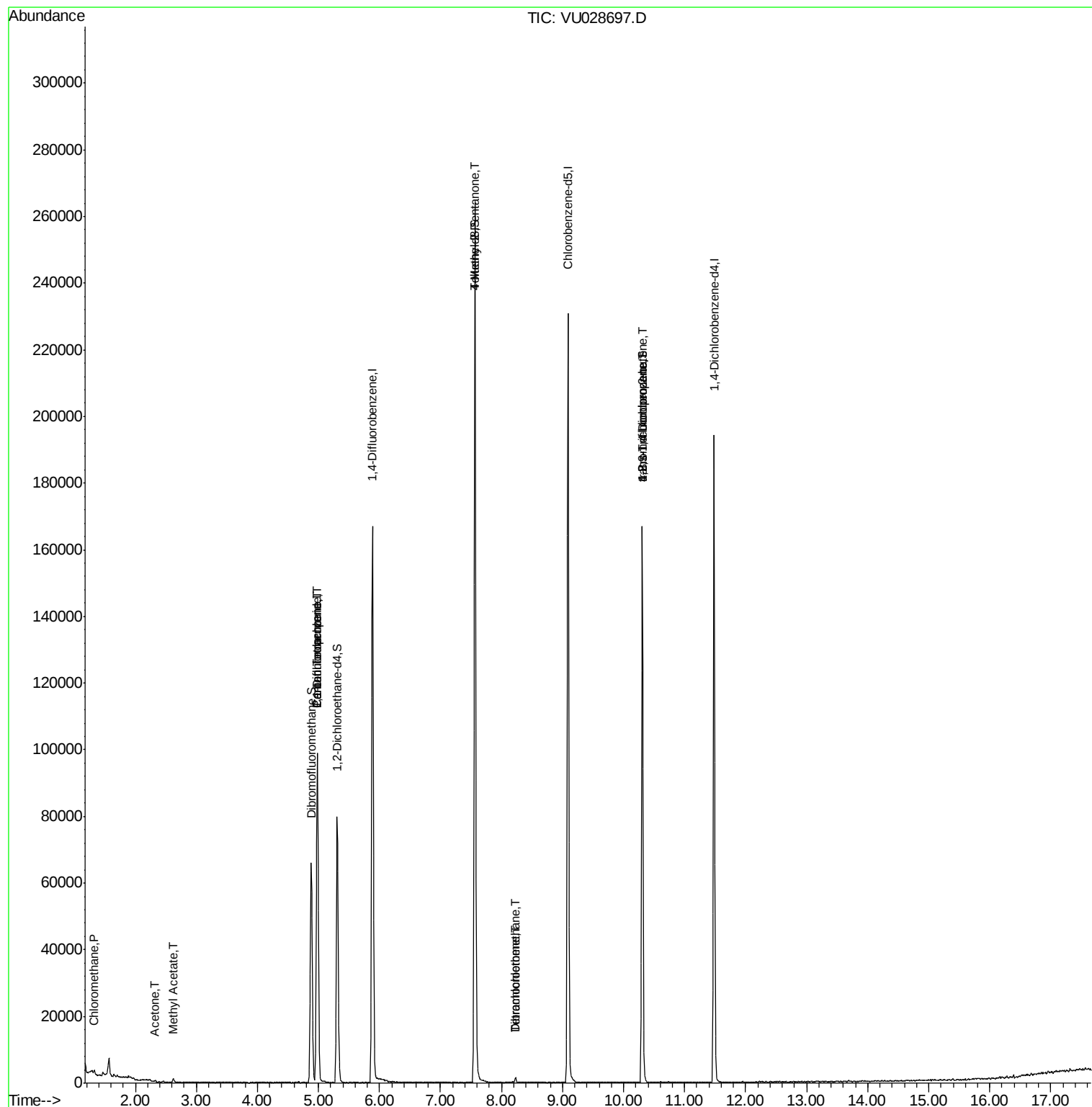
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	74940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	134163	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	120226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	47144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	62417	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
35) Dibromofluoromethane	4.88	113	45785	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
50) Toluene-d8	7.57	98	172414	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	10.30	95	55219	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	863	0.467	ug/l #	87
16) Acetone	2.32	43	739	0.990	ug/l	96
18) Methyl Acetate	2.62	43	1525	0.788	ug/l #	78
31) Cyclohexane	4.98	56	1809	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	6574	4.478	ug/l #	49
38) Carbon Tetrachloride	4.98	117	7594	6.418	ug/l #	15
51) 4-Methyl-2-Pentanone	7.57	43	855	0.452	ug/l #	1
60) Dibromochloromethane	8.23	129	429	0.436	ug/l #	10
64) Tetrachloroethene	8.23	164	357	0.445	ug/l	89
76) 1,2,3-Trichloropropane	10.30	75	29123	24.192	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	29123	59.381	ug/l #	100

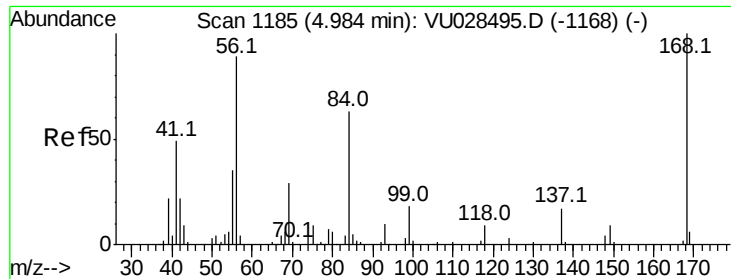
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121518\
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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: VU028697.D

Acq: 14 Dec 2018 20:52

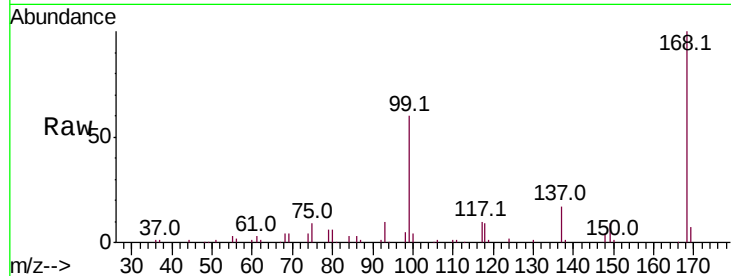
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 74940

Ion Ratio Lower Upper

168 100

99 59.8 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

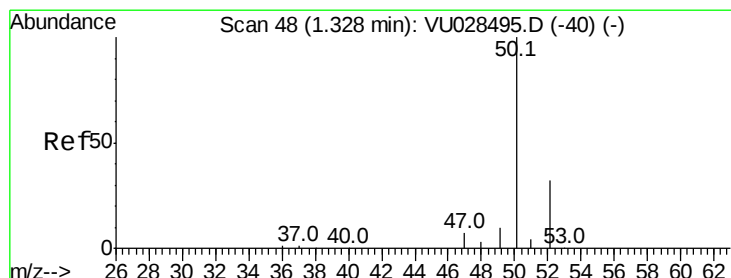
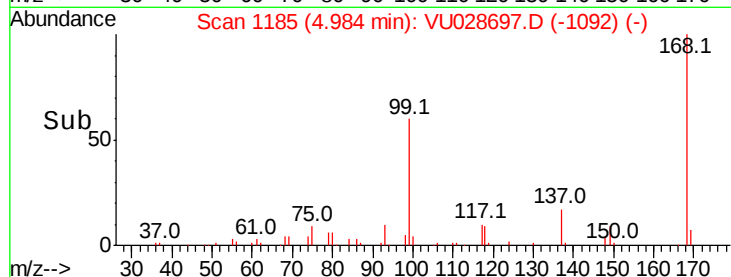
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.467 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028697.D

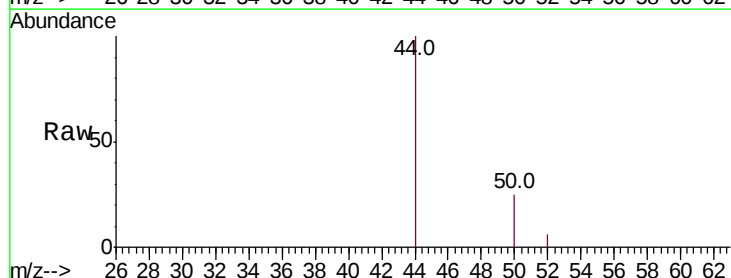
Acq: 14 Dec 2018 20:52

Tgt Ion: 50 Resp: 863

Ion Ratio Lower Upper

50 100

52 24.8 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

800

600

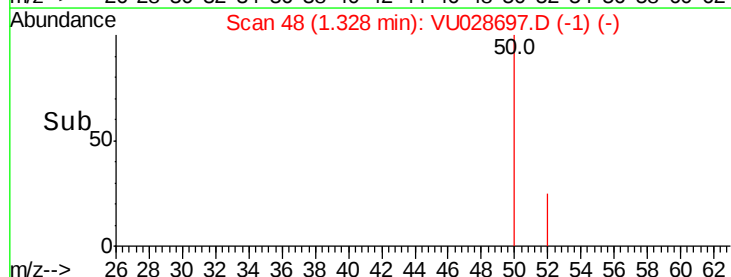
400

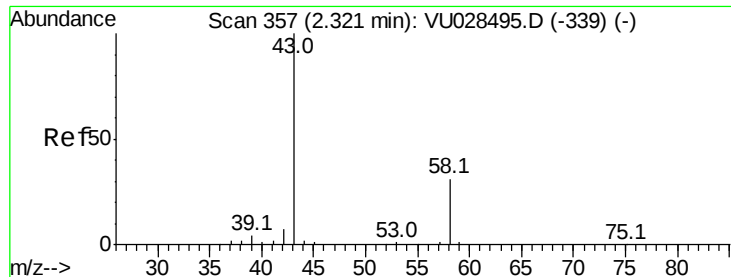
200

0

1.30 1.32 1.34 1.36

Time-->





#16

Acetone

Concen: 0.990 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU028697.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_U

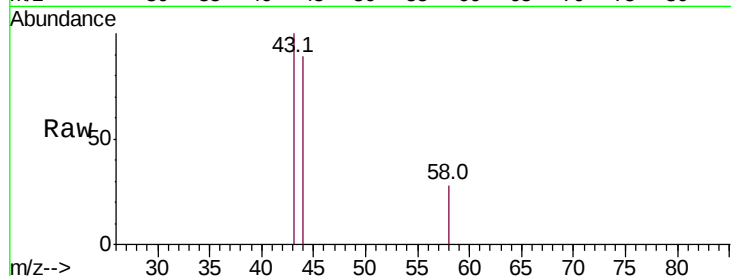
ClientSampled :

Tot Ion: 43 Resp: 739

Ion Ratio Lower Upper

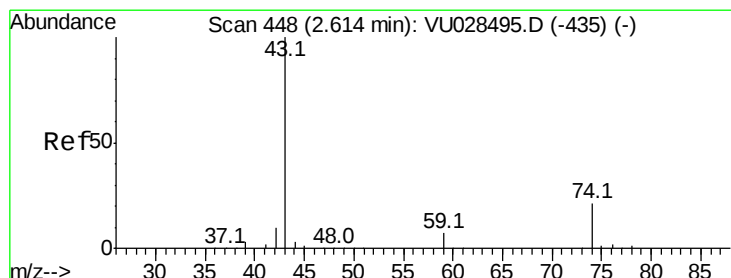
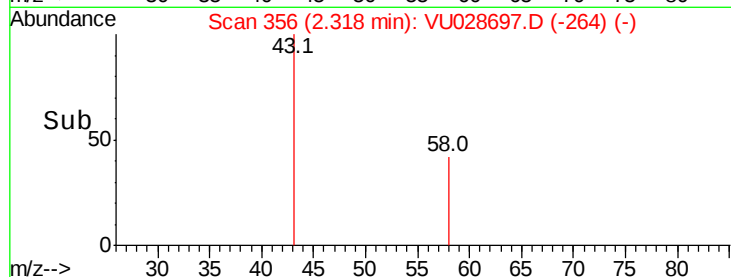
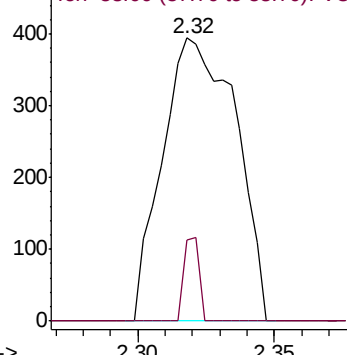
43 100

58 28.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 0.788 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU028697.D

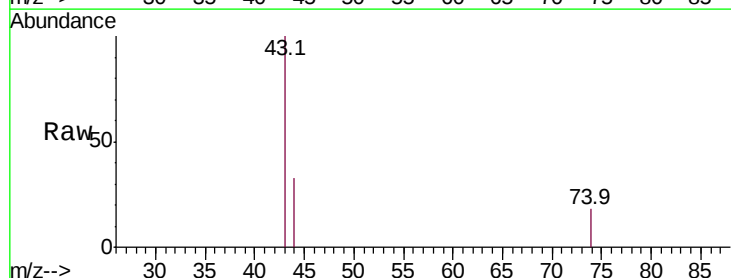
Acq: 14 Dec 2018 20:52

Tgt Ion: 43 Resp: 1525

Ion Ratio Lower Upper

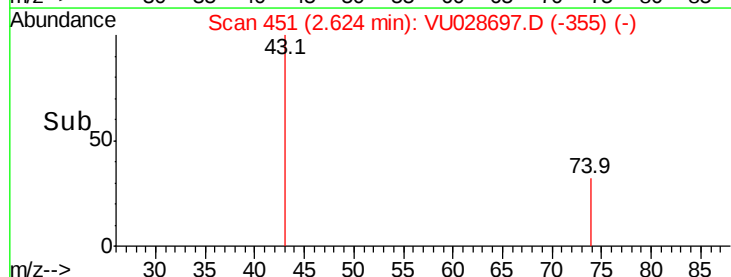
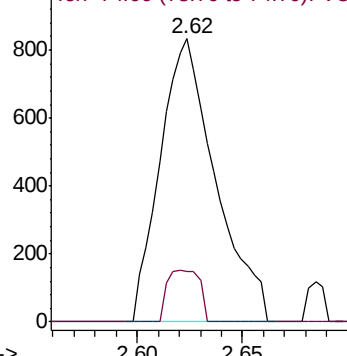
43 100

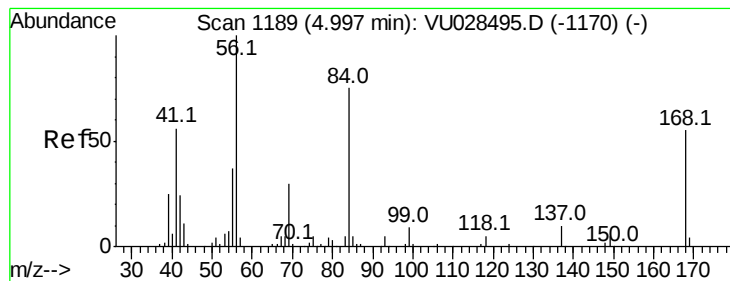
74 10.5 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1185

Delta R.T. -0.01 min

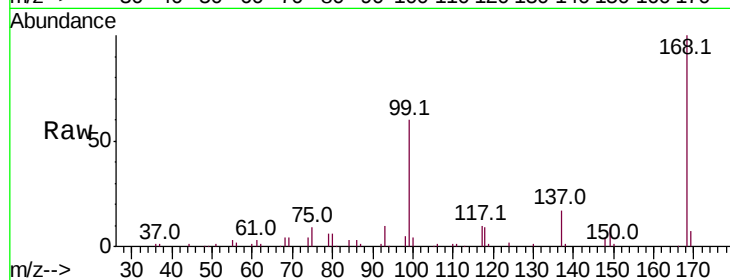
Lab File: VU028697.D

Acq: 14 Dec 2018 20:52

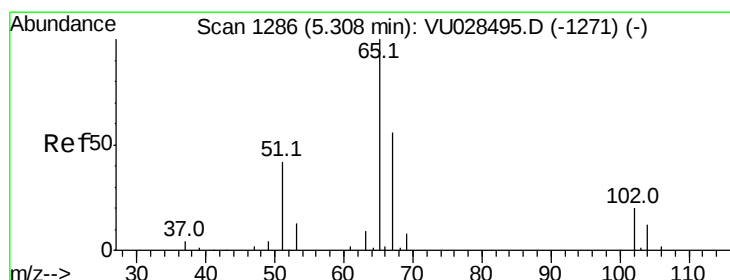
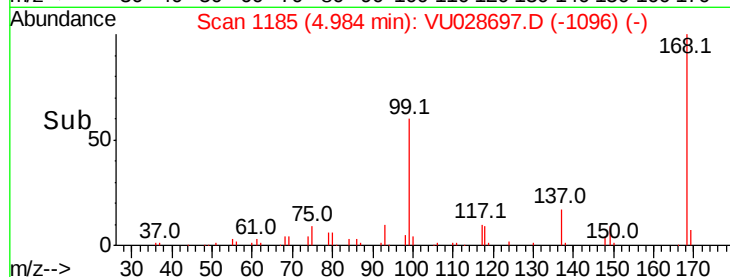
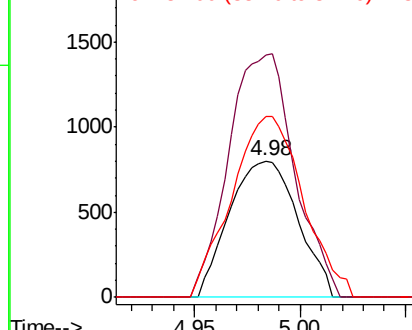
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 1809

Ion	Ratio	Lower	Upper
56	100		
69	178.2	24.0	36.0#
84	132.7	59.7	89.5#



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 54.578 ug/l

RT: 5.31 min Scan# 1286

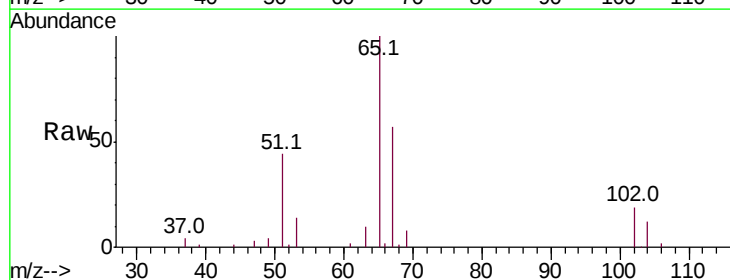
Delta R.T. -0.00 min

Lab File: VU028697.D

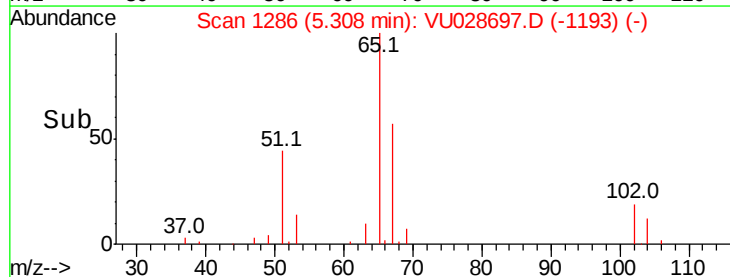
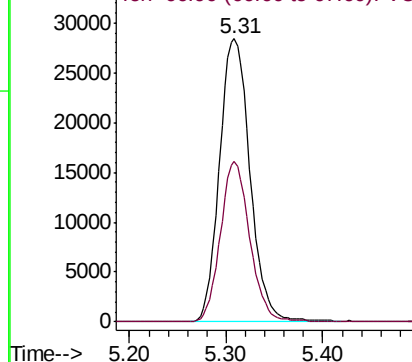
Acq: 14 Dec 2018 20:52

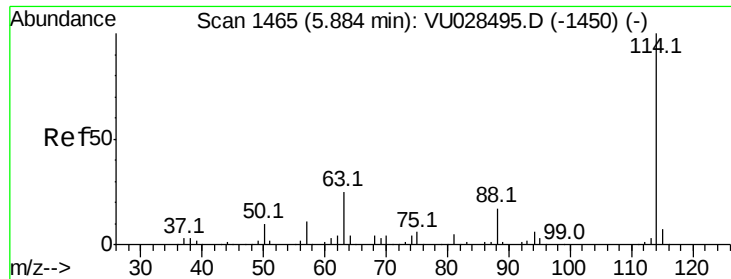
Tgt Ion: 65 Resp: 62417

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

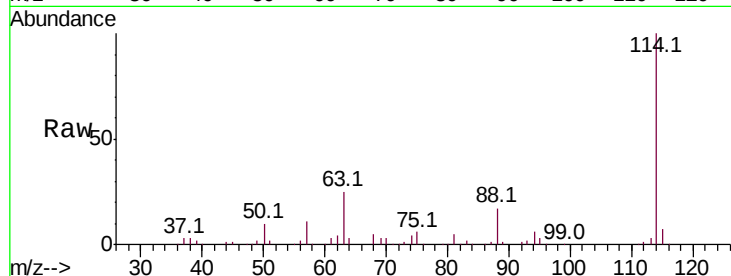




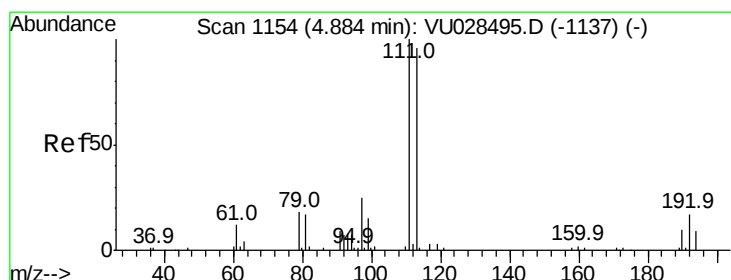
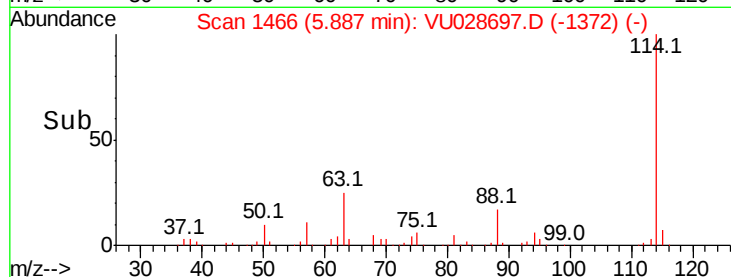
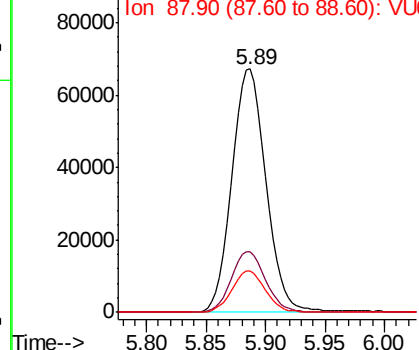
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028697.D
 Acq: 14 Dec 2018 20:52

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:114 Resp: 134163
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.9 0.0 33.4

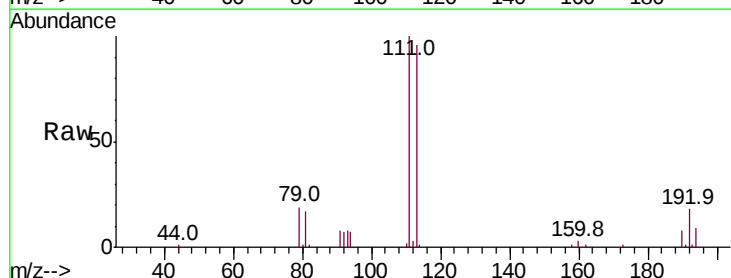


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

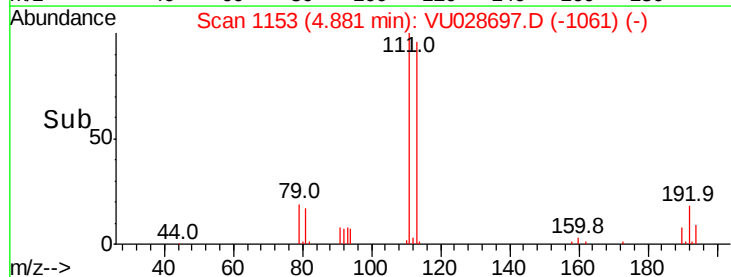
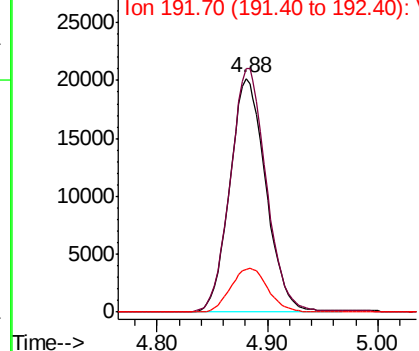


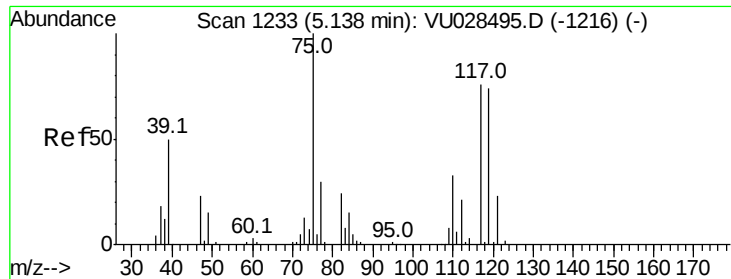
#35
 Dibromofluoromethane
 Concen: 54.229 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028697.D
 Acq: 14 Dec 2018 20:52

Tgt Ion:113 Resp: 45785
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.0
 192 19.3 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

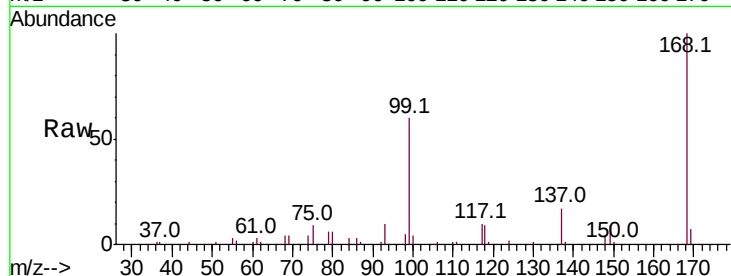




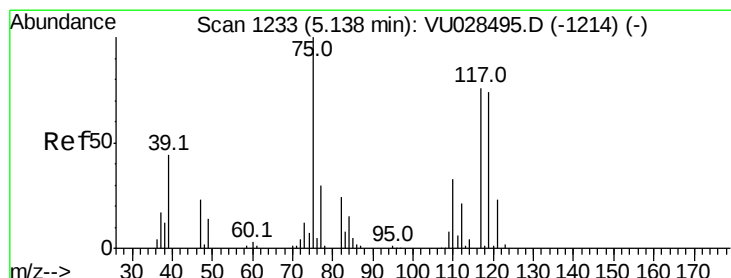
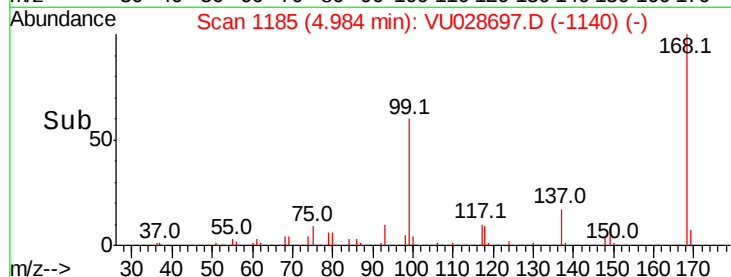
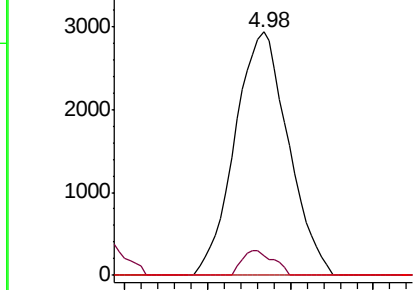
#36
 1,1-Dichloropropene
 Concen: 4.478 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028697.D
 Acq: 14 Dec 2018 20:52

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.0	16.1	48.2#
77	0.0	24.5	36.7#

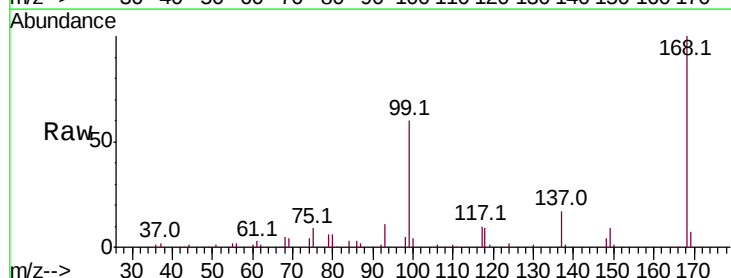


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

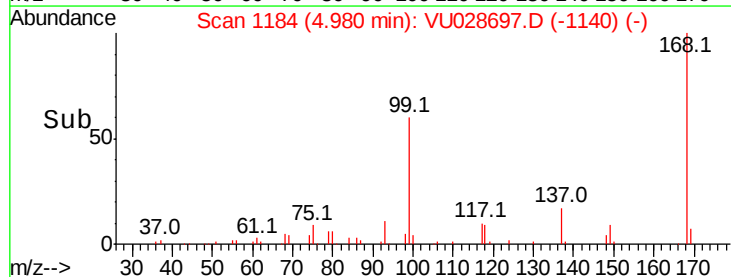
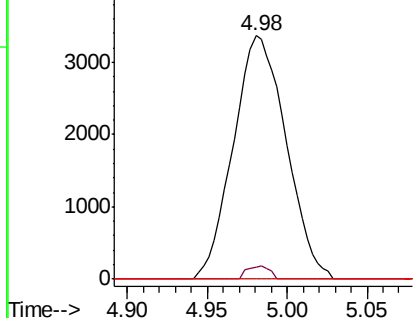


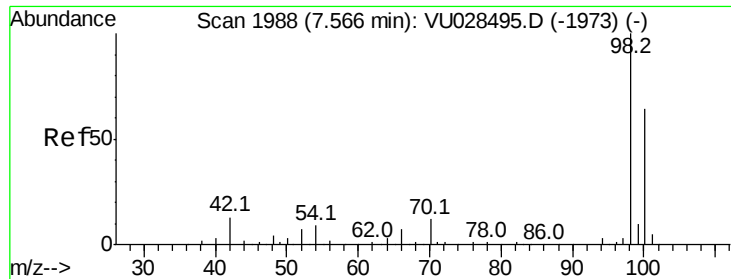
#38
 Carbon Tetrachloride
 Concen: 6.418 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028697.D
 Acq: 14 Dec 2018 20:52

Tgt 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: 51.623 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028697.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_U

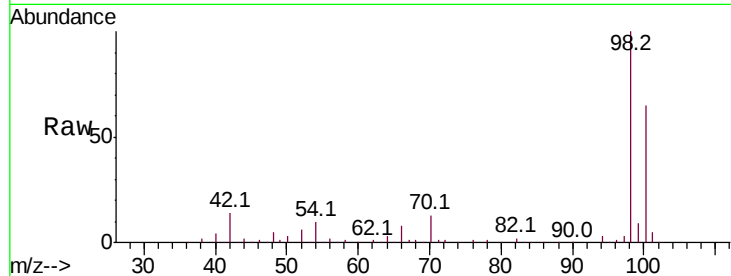
ClientSampleId :

Tot Ion: 98 Resp: 172414

Ion Ratio Lower Upper

98 100

100 63.3 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

100000

80000

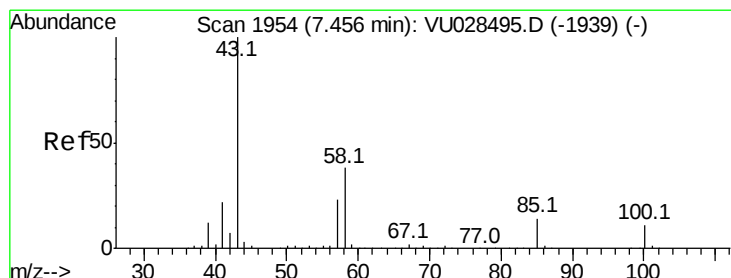
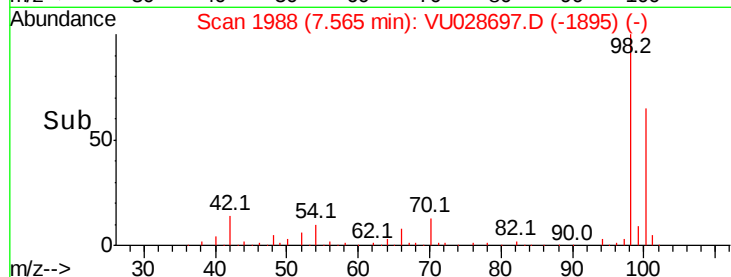
60000

40000

20000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.452 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU028697.D

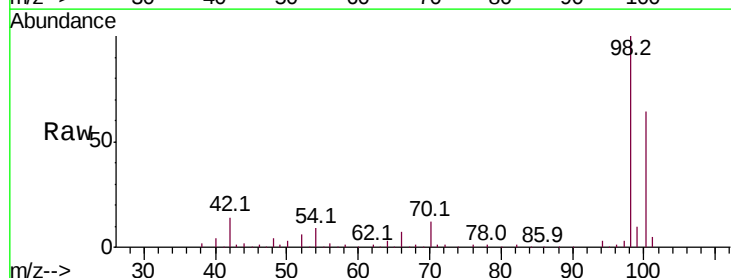
Acq: 14 Dec 2018 20:52

Tgt Ion: 43 Resp: 855

Ion Ratio Lower Upper

43 100

58 193.6 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028697.D (-1861) (-)

Ion 58.00 (57.70 to 58.70): VU028697.D (-1861) (-)

7.57

1000

800

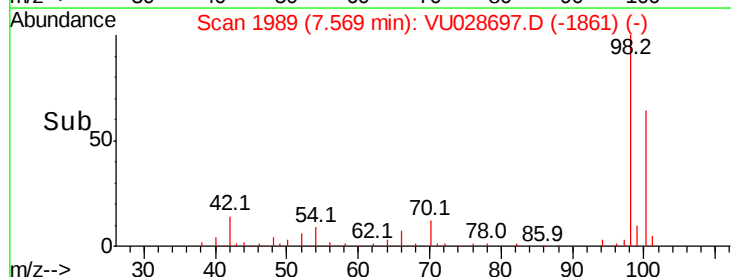
600

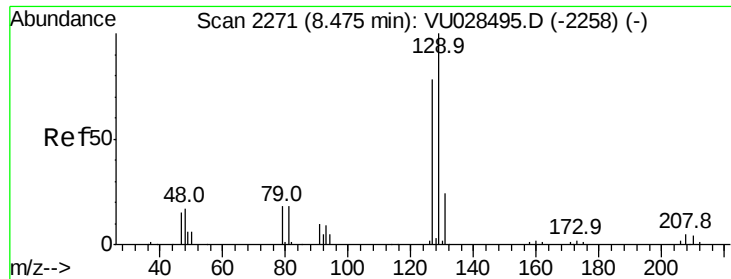
400

200

0

Time-->





#60

Dibromochloromethane

Concen: 0.436 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. -0.24 min

Lab File: VU028697.D

Acq: 14 Dec 2018 20:52

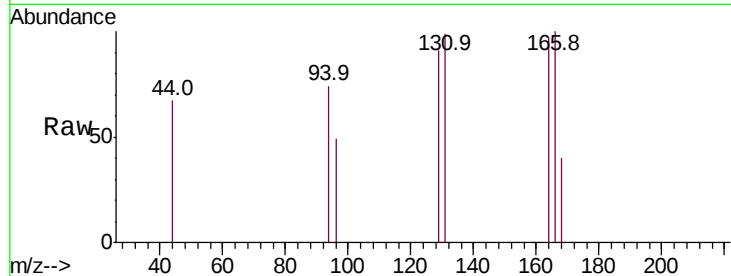
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 429

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8.23

250

200

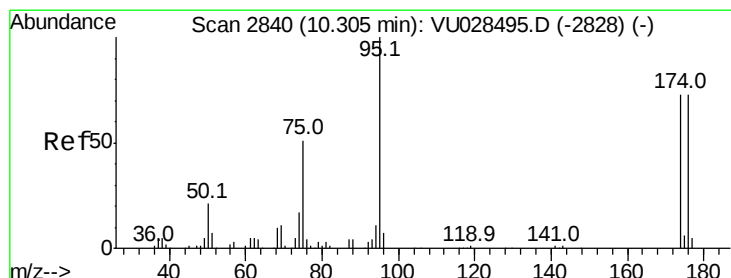
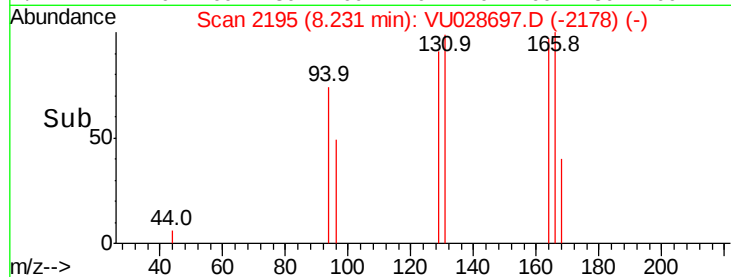
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.234 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028697.D

Acq: 14 Dec 2018 20:52

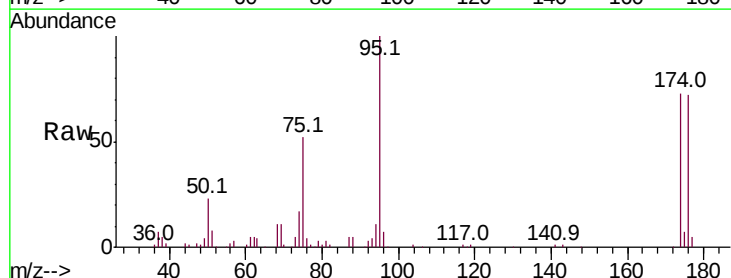
Tgt Ion: 95 Resp: 55219

Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.4

176 74.3 0.0 145.2



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

40000

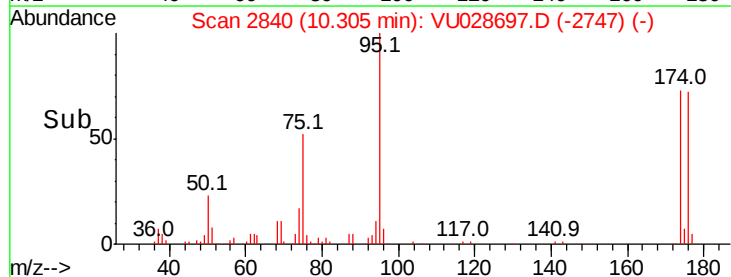
30000

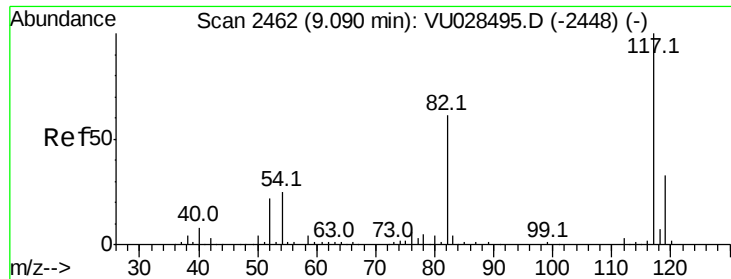
20000

10000

0

Time-->

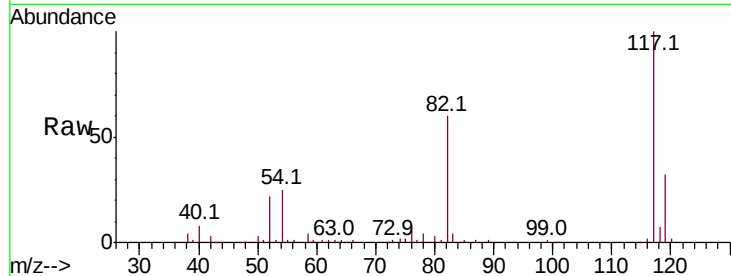




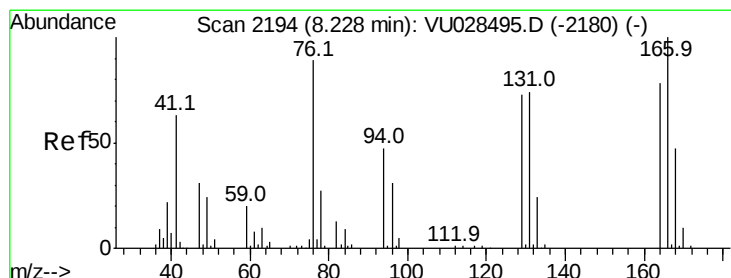
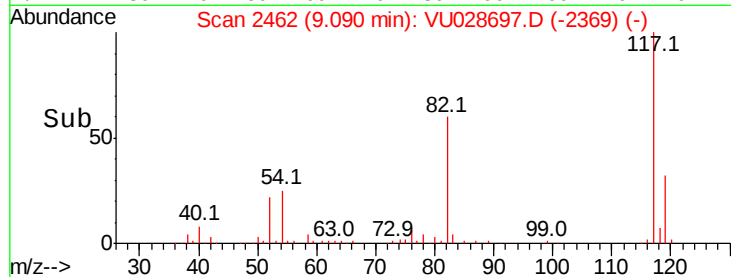
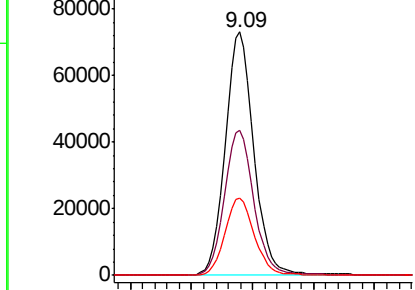
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028697.D
Acq: 14 Dec 2018 20:52

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 120226
Ion Ratio Lower Upper
117 100
82 59.7 48.9 73.3
119 31.9 26.2 39.4

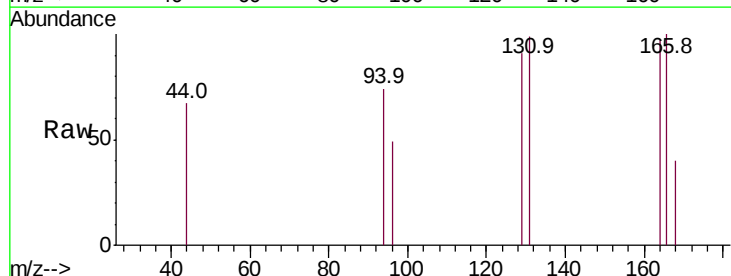


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

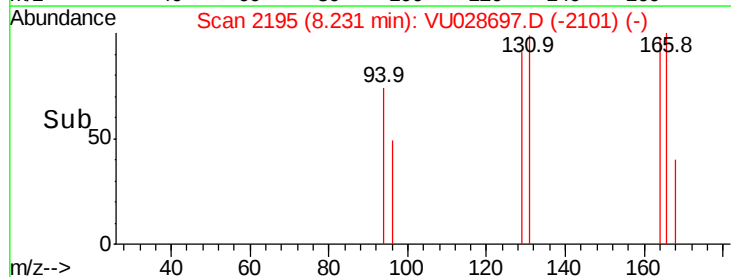
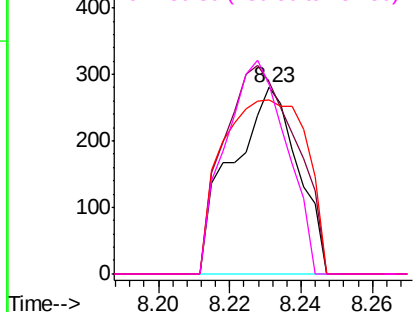


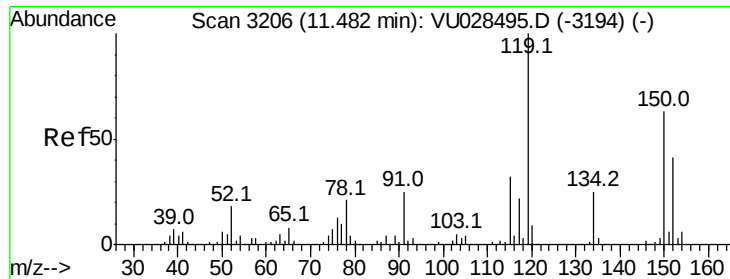
#64
Tetrachloroethene
Concen: 0.445 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU028697.D
Acq: 14 Dec 2018 20:52

Tgt Ion:164 Resp: 357
Ion Ratio Lower Upper
164 100
166 102.9 101.9 152.9
129 93.6 74.9 112.3
131 101.4 75.4 113.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VU028697.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_U

ClientSampled :

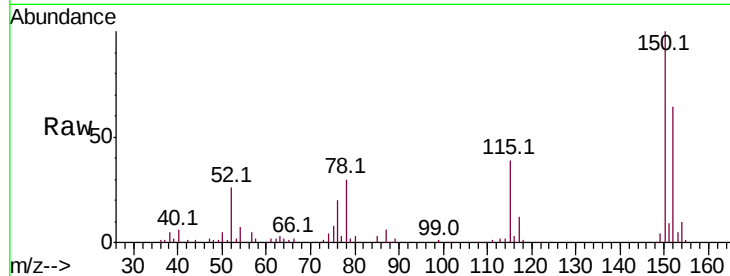
Tot Ion:152 Resp: 47144

Ion Ratio Lower Upper

152 100

115 61.6 42.7 128.1

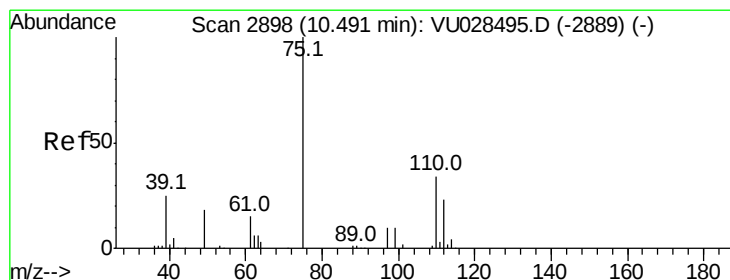
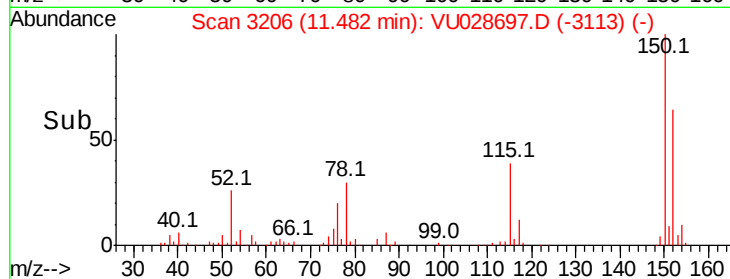
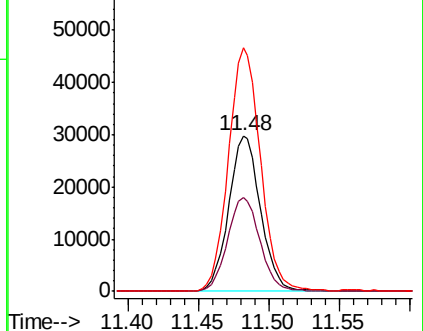
150 157.7 0.0 346.0



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: 24.192 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028697.D

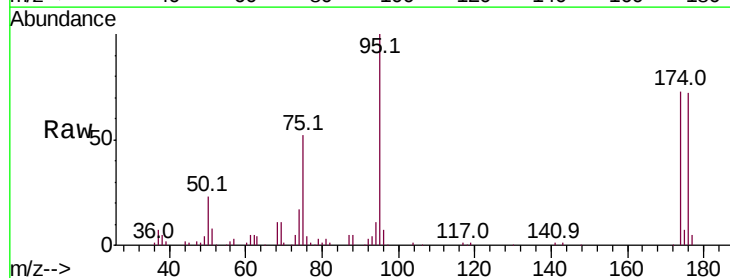
Acq: 14 Dec 2018 20:52

Tgt Ion: 75 Resp: 29123

Ion Ratio Lower Upper

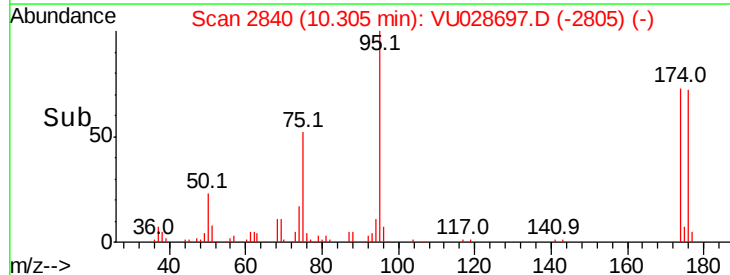
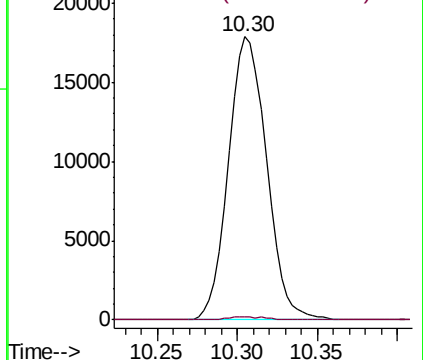
75 100

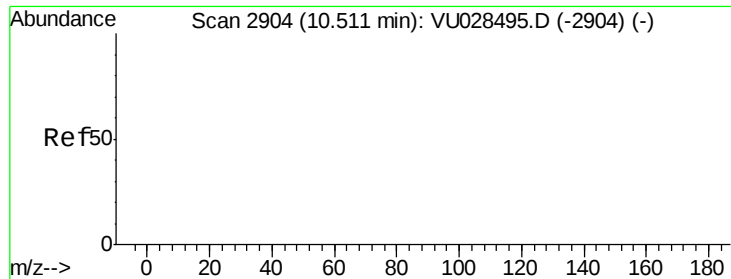
77 1.0 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

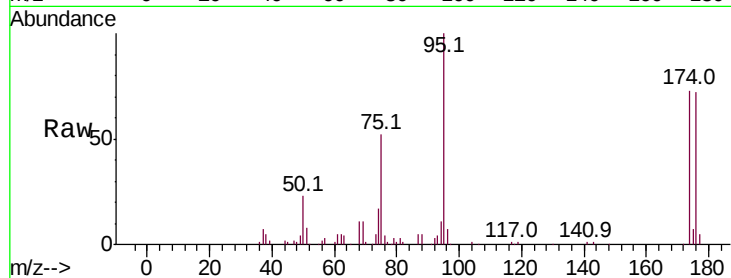




#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.381 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU028697.D
 Acq: 14 Dec 2018 20:52

Instrument :
 MSVOA_U
 ClientSampleId :

Tot 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

