

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121518\
 Data File : VU028700.D
 Acq On : 14 Dec 2018 22:05
 Operator : MD/SY
 Sample : J6393-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:24:20 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	72292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	130230	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	118298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	46275	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	62145	56.33	ug/l	0.00
Spiked Amount			Recovery	=	112.66%	
35) Dibromofluoromethane	4.88	113	45759	55.83	ug/l	0.00
Spiked Amount			Recovery	=	111.66%	
50) Toluene-d8	7.57	98	170206	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	10.31	95	55430	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	

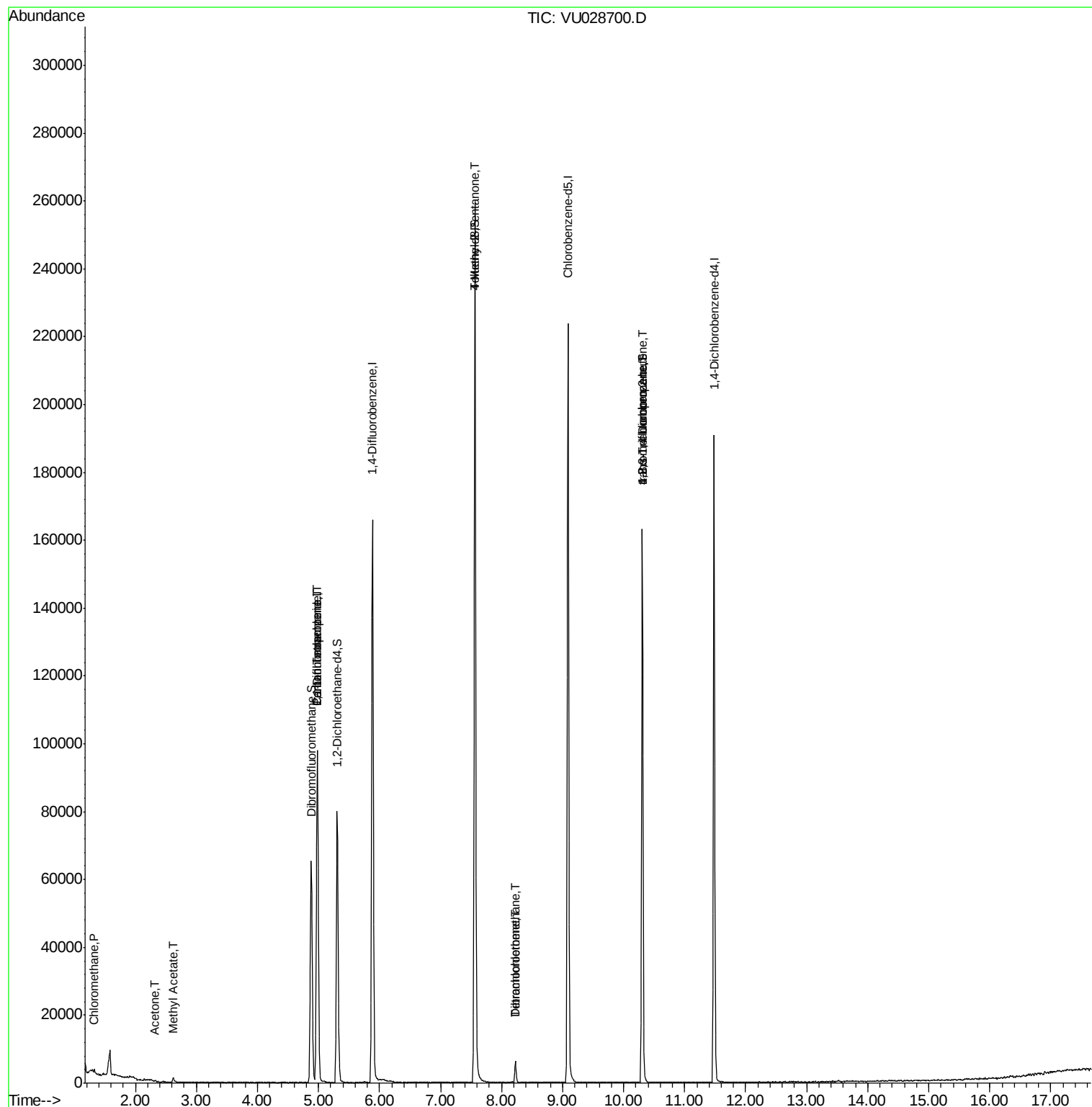
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	926	0.520	ug/l	90
16) Acetone	2.32	43	475	0.660	ug/l #	44
18) Methyl Acetate	2.62	43	1988	1.065	ug/l #	78
31) Cyclohexane	4.98	56	1788	Below Cal	#	3
36) 1,1-Dichloropropene	4.98	75	6491	4.555	ug/l #	50
38) Carbon Tetrachloride	4.98	117	7290	6.347	ug/l #	14
51) 4-Methyl-2-Pentanone	7.56	43	1003	0.546	ug/l #	1
60) Dibromochloromethane	8.22	129	1321	1.382	ug/l #	10
64) Tetrachloroethene	8.23	164	1507	1.910	ug/l	85
76) 1,2,3-Trichloropropane	10.30	75	28326	23.972	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	28326	58.845	ug/l #	100

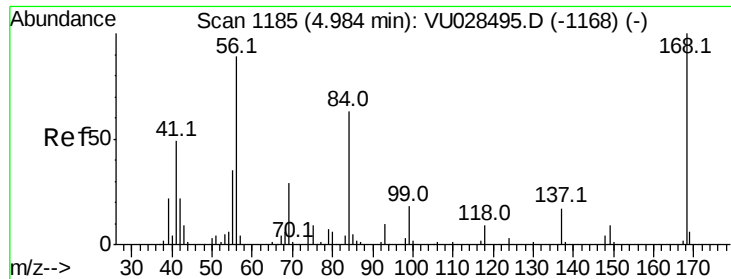
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121518\
Data File : VU028700.D
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:24:20 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: VU028700.D

Acq: 14 Dec 2018 22:05

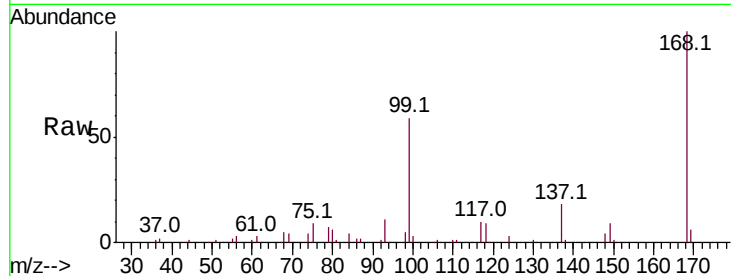
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 72292

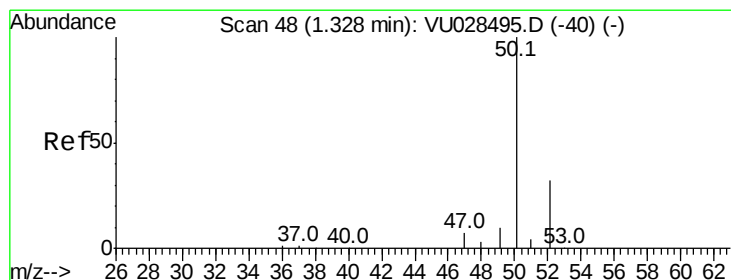
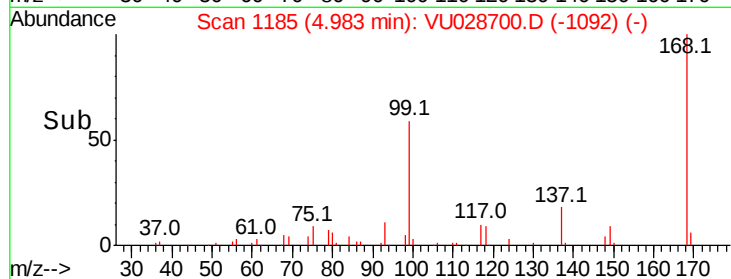
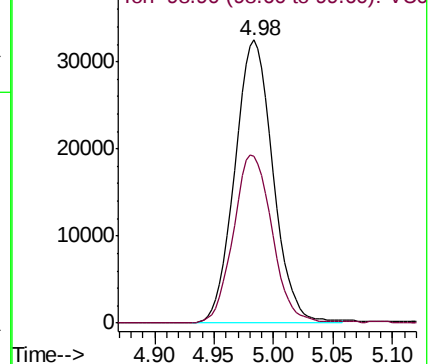
Ion Ratio Lower Upper

168 100

99 58.8 46.6 69.8



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



#3

Chloromethane

Concen: 0.520 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028700.D

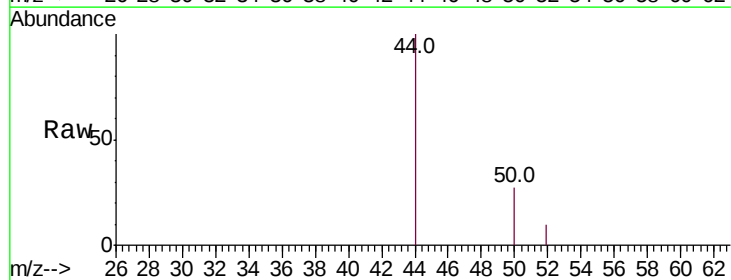
Acq: 14 Dec 2018 22:05

Tgt Ion: 50 Resp: 926

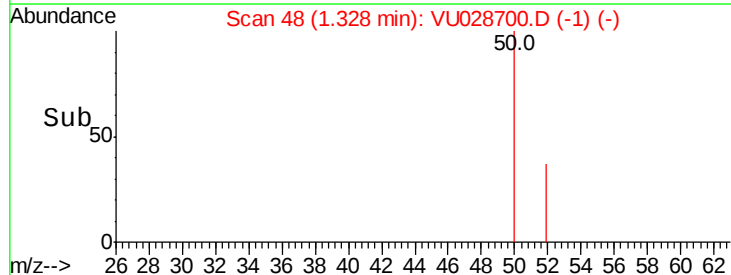
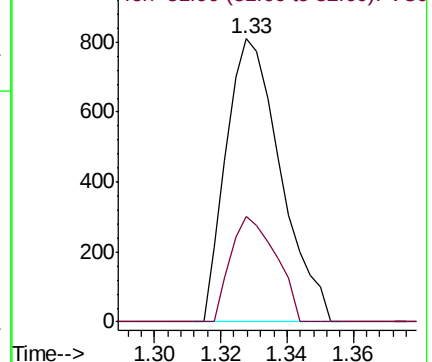
Ion Ratio Lower Upper

50 100

52 37.3 25.5 38.3



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





#16

Acetone

Concen: 0.660 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028700.D

Acq: 14 Dec 2018 22:05

Instrument :

MSVOA_U

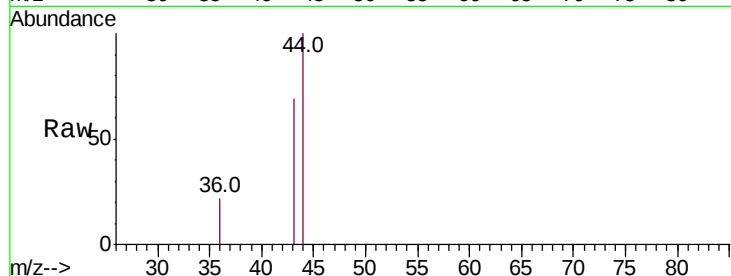
ClientSampleId :

Tot Ion: 43 Resp: 475

Ion Ratio Lower Upper

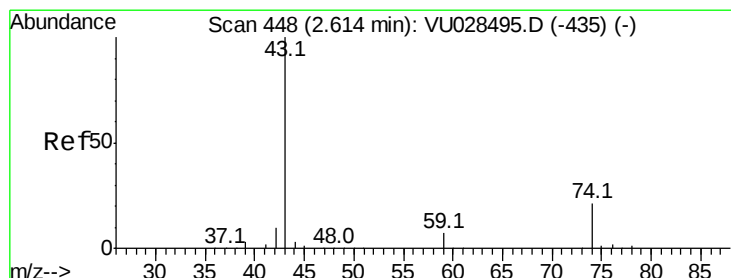
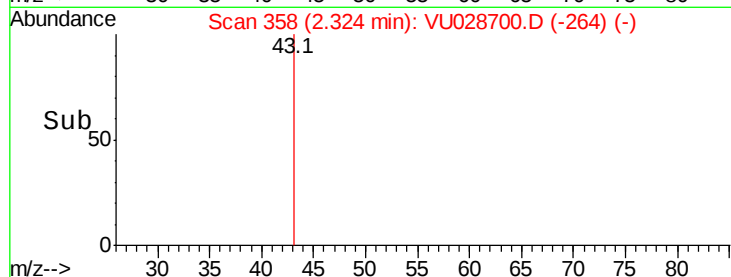
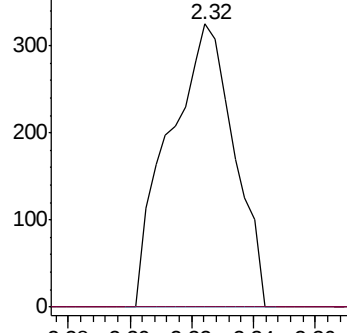
43 100

58 0.0 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: 1.065 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028700.D

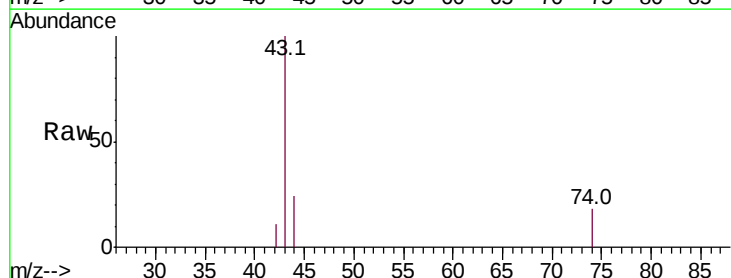
Acq: 14 Dec 2018 22:05

Tgt Ion: 43 Resp: 1988

Ion Ratio Lower Upper

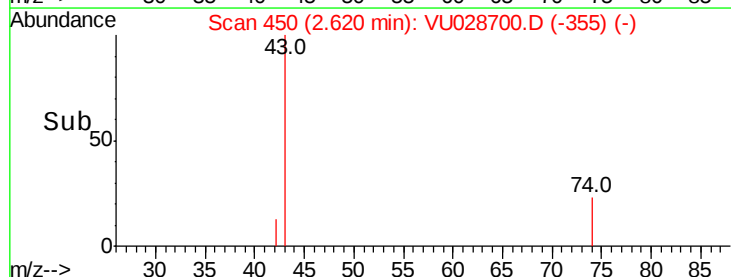
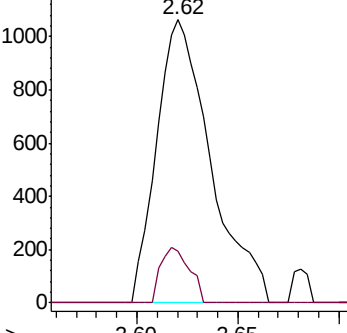
43 100

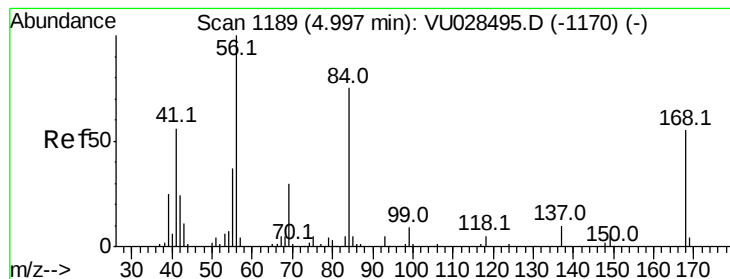
74 10.5 16.4 24.6#



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# 1184

Delta R.T. -0.02 min

Lab File: VU028700.D

Acq: 14 Dec 2018 22:05

Instrument :
MSVOA_U
ClientSampleId :

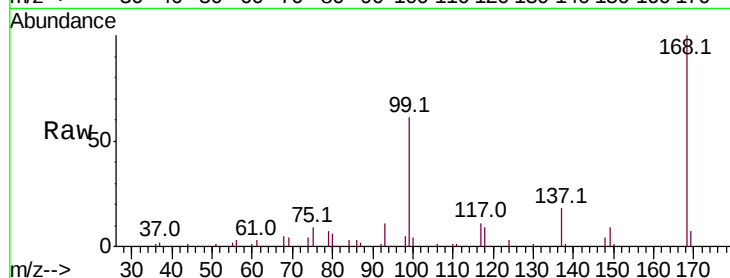
Tot Ion: 56 Resp: 1788

Ion Ratio Lower Upper

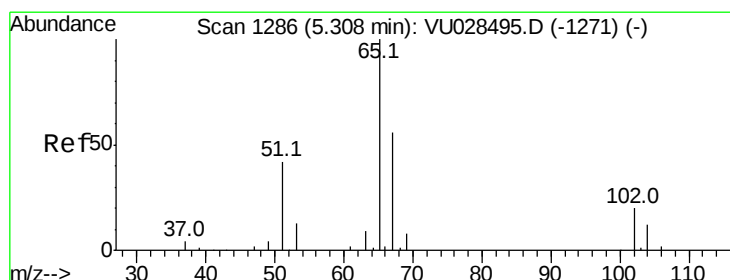
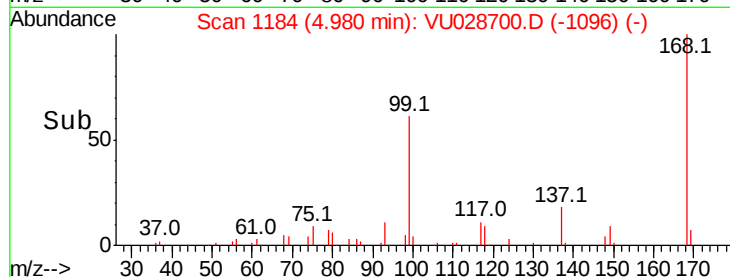
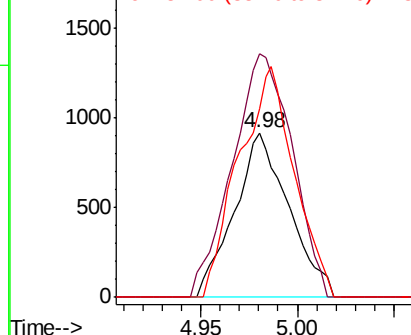
56 100

69 148.2 24.0 36.0#

84 115.1 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: 56.330 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028700.D

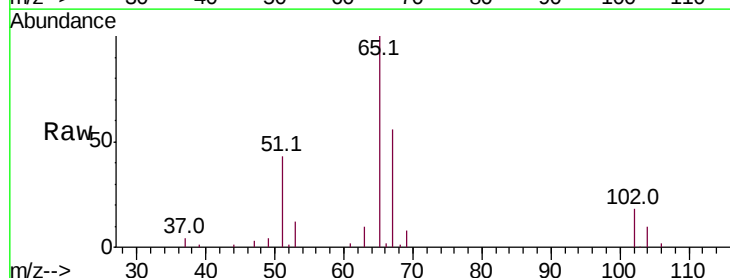
Acq: 14 Dec 2018 22:05

Tgt Ion: 65 Resp: 62145

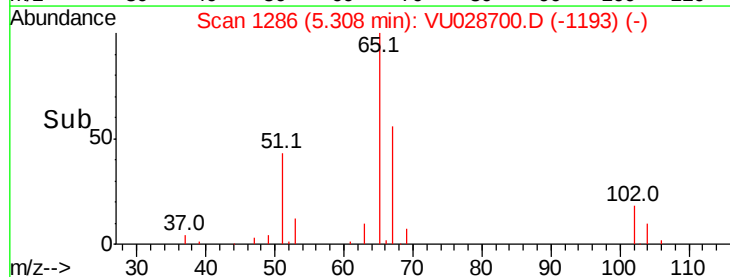
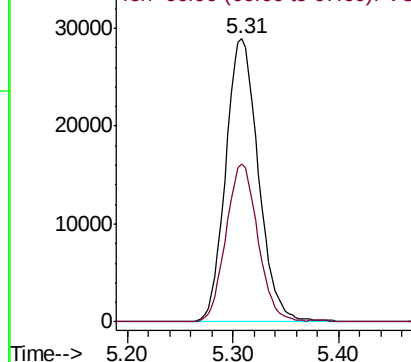
Ion Ratio Lower Upper

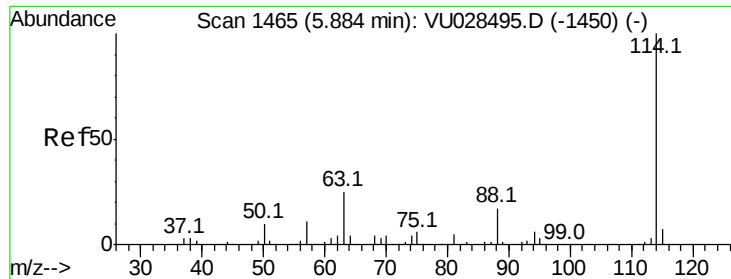
65 100

67 54.4 0.0 110.6



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

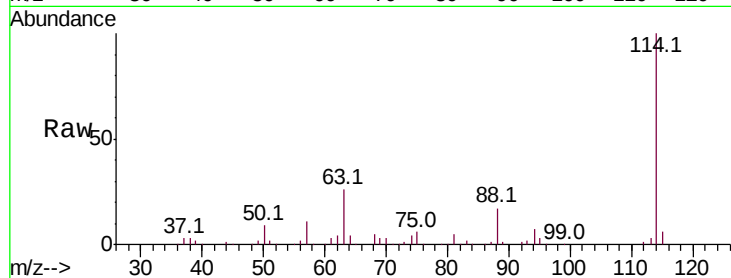




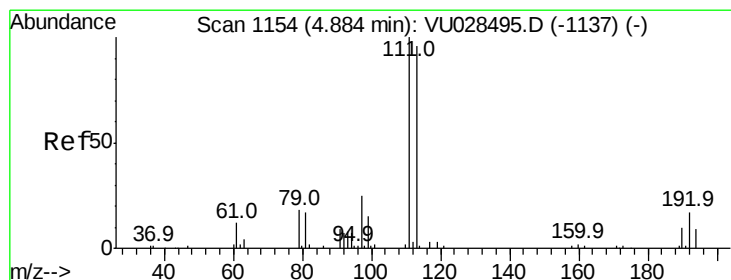
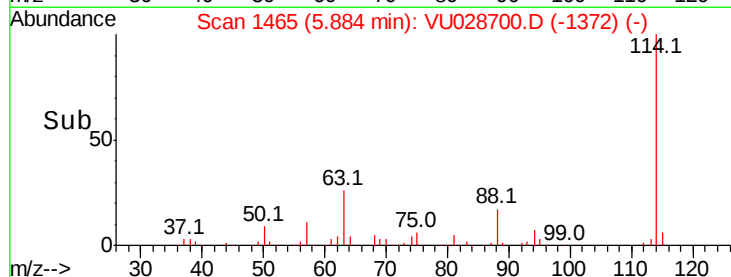
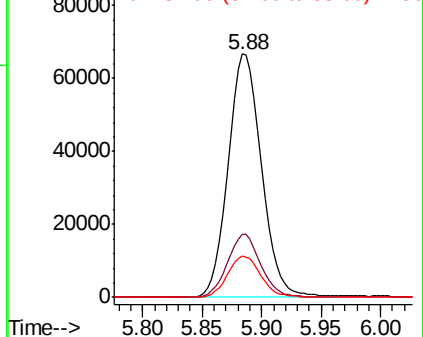
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028700.D
 Acq: 14 Dec 2018 22:05

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:114 Resp: 130230
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 16.7 0.0 33.4

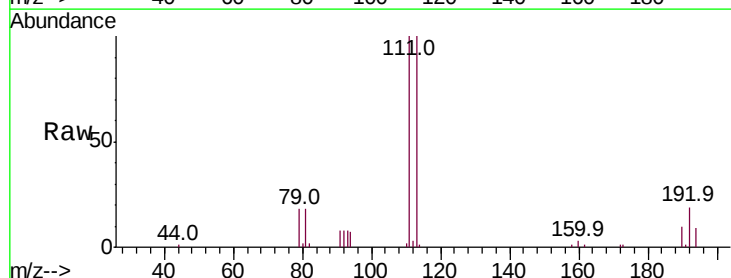


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

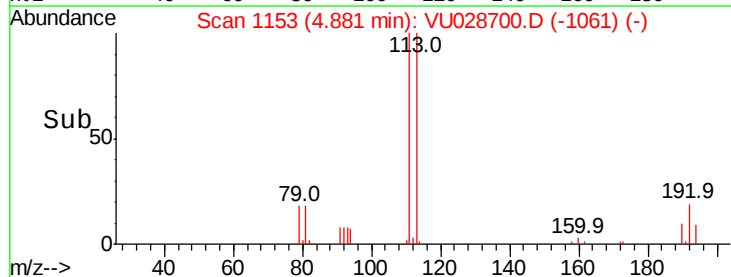
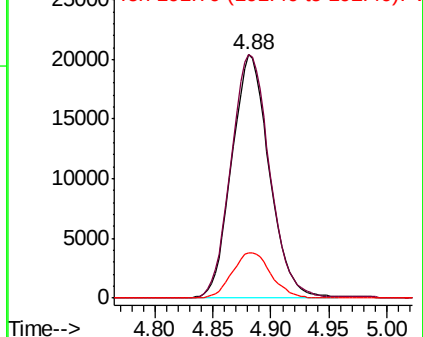


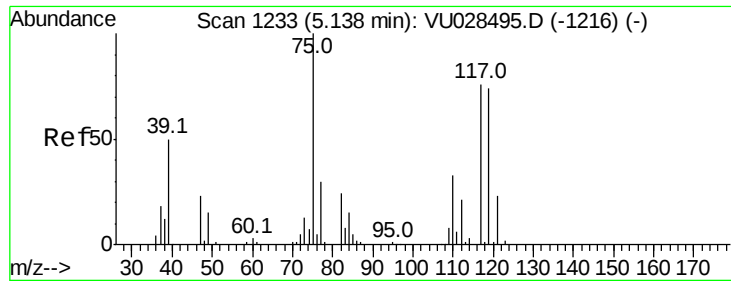
#35
 Dibromofluoromethane
 Concen: 55.835 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028700.D
 Acq: 14 Dec 2018 22:05

Tgt Ion:113 Resp: 45759
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.0
 192 19.2 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

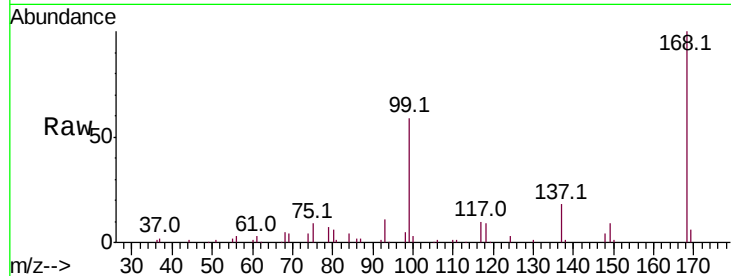




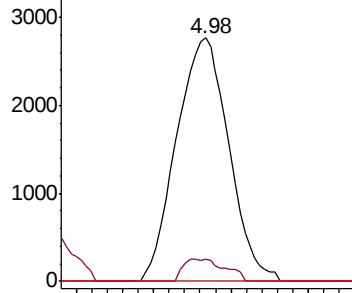
#36
 1,1-Dichloropropene
 Concen: 4.555 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028700.D
 Acq: 14 Dec 2018 22:05

Instrument :
 MSVOA_U
 ClientSampleId :

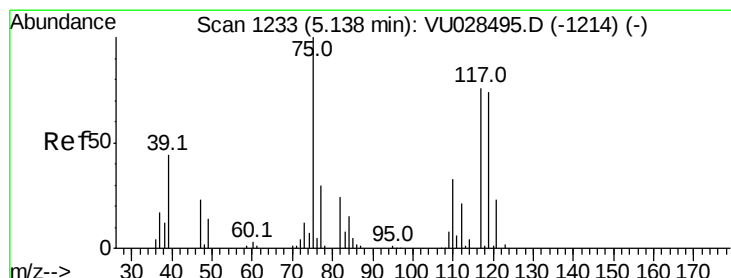
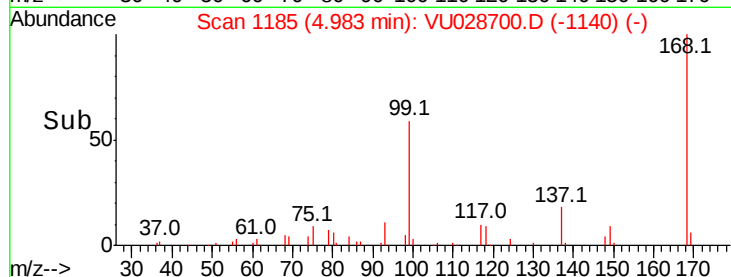
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.1	48.2#
77	0.0	24.5	36.7#



Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-1216) (-)
 Ion 109.90 (109.60 to 110.60): VU028495.D (-1216) (-)
 Ion 76.90 (76.60 to 77.60): VU028495.D (-1216) (-)

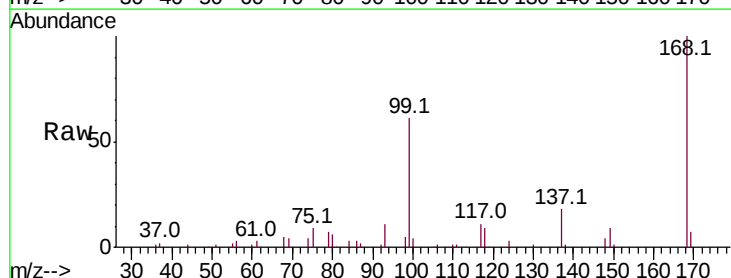


Time-->

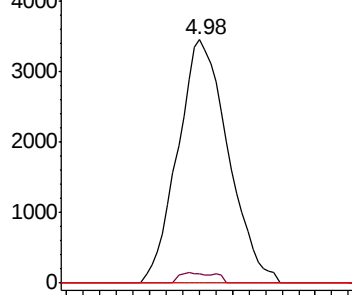


#38
 Carbon Tetrachloride
 Concen: 6.347 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028700.D
 Acq: 14 Dec 2018 22:05

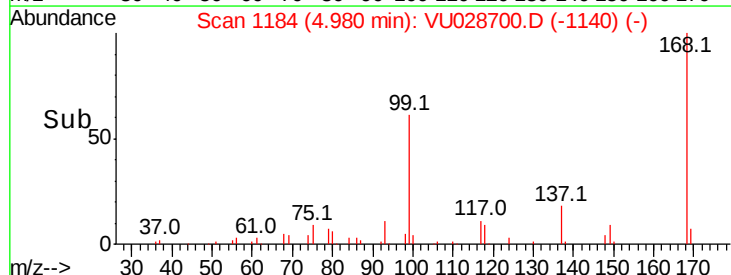
Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	77.6	116.4#
121	0.0	24.6	36.8#

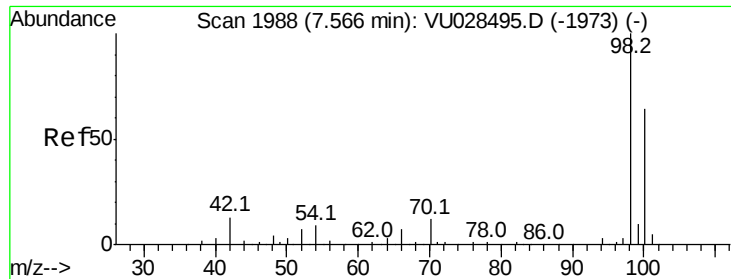


Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-1216) (-)
 Ion 118.80 (118.50 to 119.50): VU028495.D (-1216) (-)
 Ion 120.80 (120.50 to 121.50): VU028495.D (-1216) (-)



Time-->





#50

Toluene-d8

Concen: 52.501 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028700.D

Acq: 14 Dec 2018 22:05

Instrument :

MSVOA_U

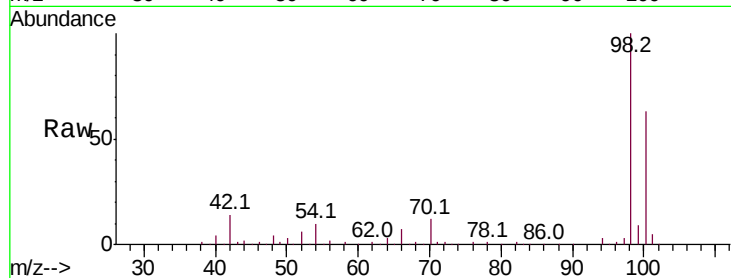
ClientSampleId :

Tot Ion: 98 Resp: 170206

Ion Ratio Lower Upper

98 100

100 62.5 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

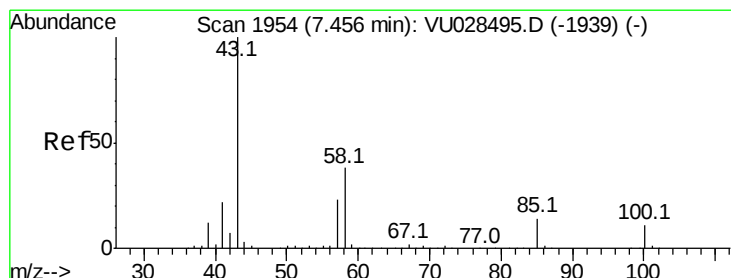
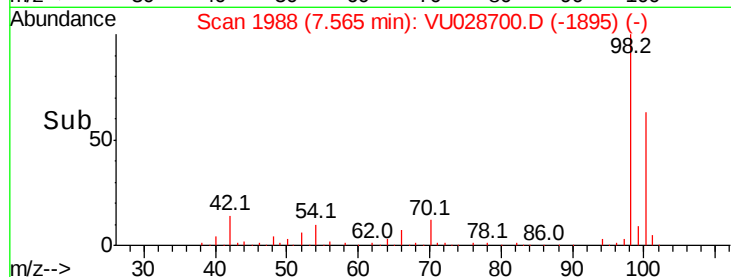
60000

40000

20000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.546 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028700.D

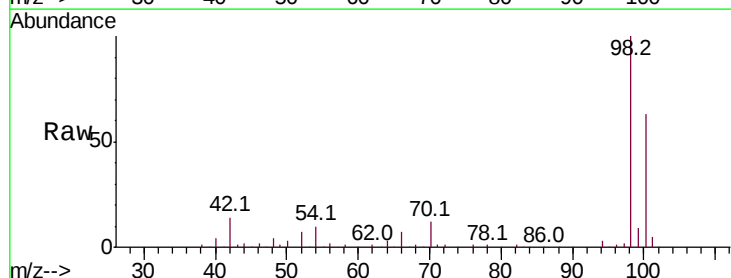
Acq: 14 Dec 2018 22:05

Tgt Ion: 43 Resp: 1003

Ion Ratio Lower Upper

43 100

58 164.4 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-1939) (-)

1200

1000

800

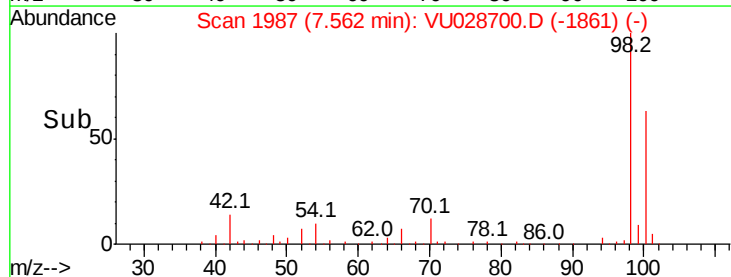
600

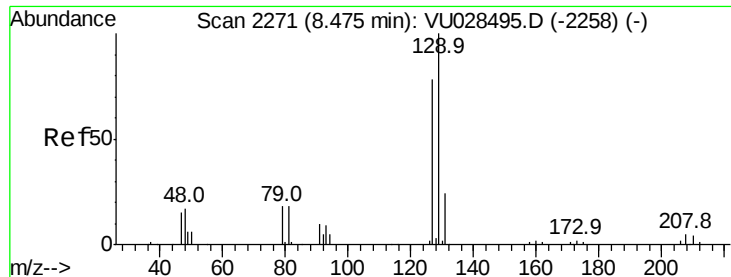
400

200

0

Time-->





#60

Dibromochloromethane

Concen: 1.382 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU028700.D

Acq: 14 Dec 2018 22:05

Instrument :

MSVOA_U

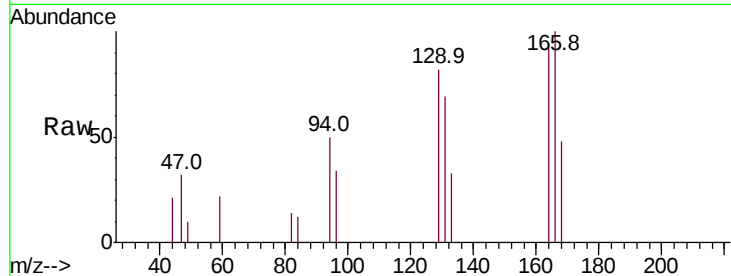
ClientSampleId :

Tot Ion:129 Resp: 1321

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#

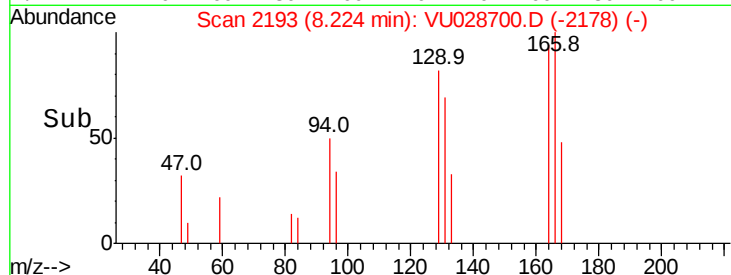


Abundance Ion 128.80 (128.50 to 129.50): V

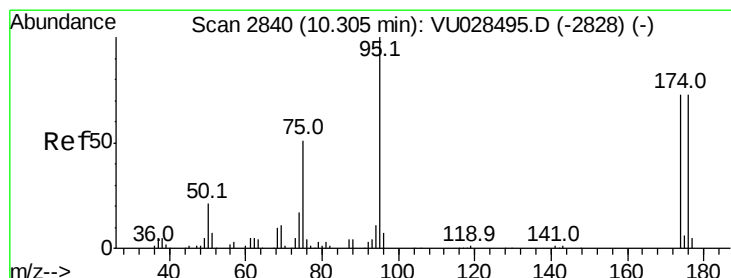
Ion 126.80 (126.50 to 127.50): V

8.22

8.25



Time-->



#62

4-Bromofluorobenzene

Concen: 45.744 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028700.D

Acq: 14 Dec 2018 22:05

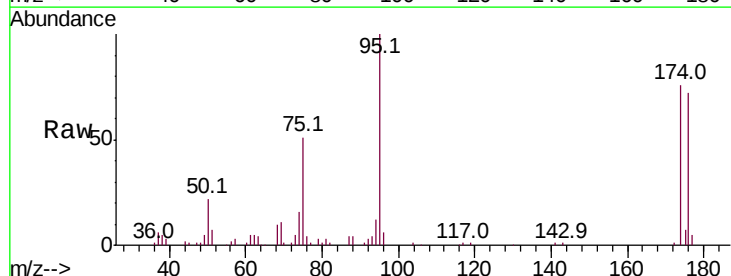
Tgt Ion: 95 Resp: 55430

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.4

176 71.7 0.0 145.2



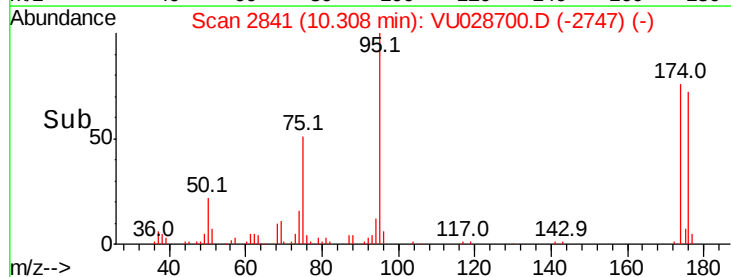
Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

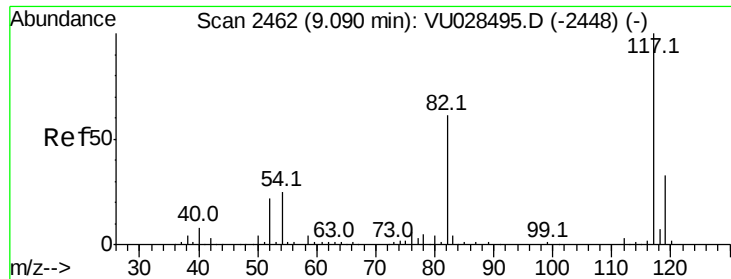
Ion 175.80 (175.50 to 176.50): V

10.31

10.40



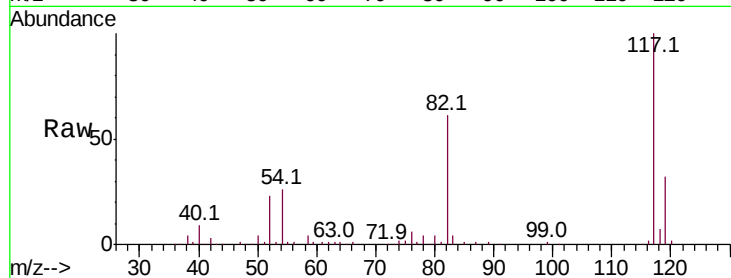
Time-->



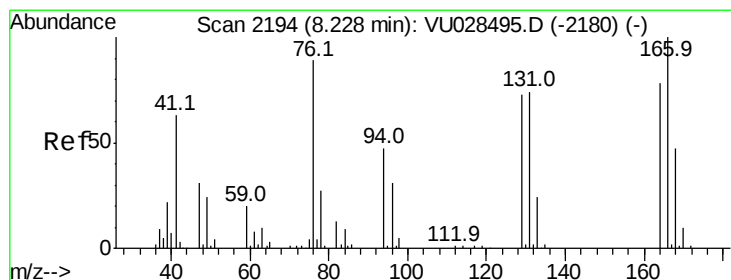
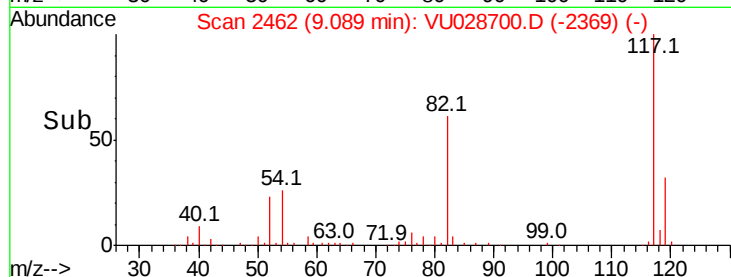
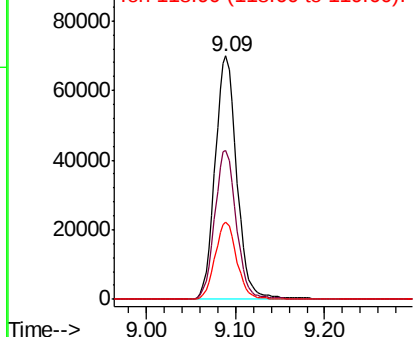
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028700.D
Acq: 14 Dec 2018 22:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 118298
Ion Ratio Lower Upper
117 100
82 61.4 48.9 73.3
119 31.8 26.2 39.4

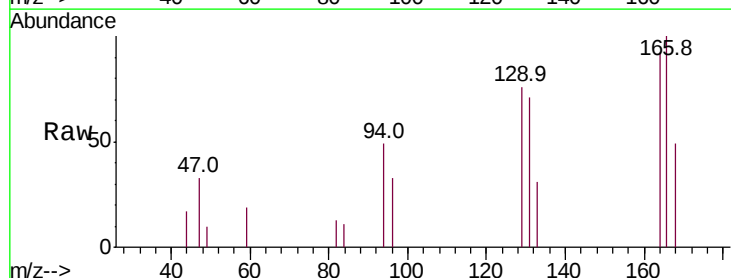


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

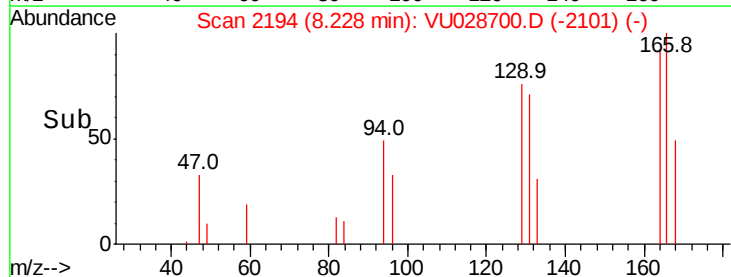
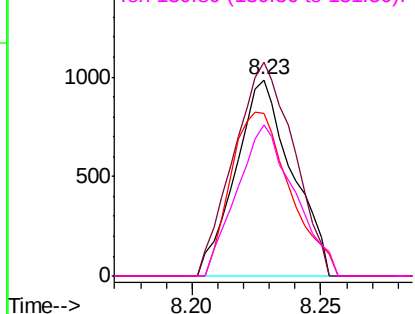


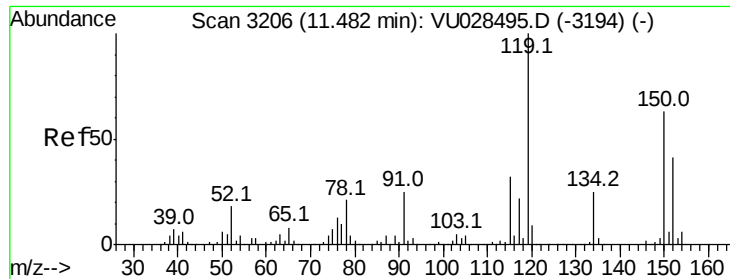
#64
Tetrachloroethene
Concen: 1.910 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028700.D
Acq: 14 Dec 2018 22:05

Tgt Ion:164 Resp: 1507
Ion Ratio Lower Upper
164 100
166 108.8 101.9 152.9
129 82.7 74.9 112.3
131 77.0 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: VU028700.D

Acq: 14 Dec 2018 22:05

Instrument :

MSVOA_U

ClientSampleId :

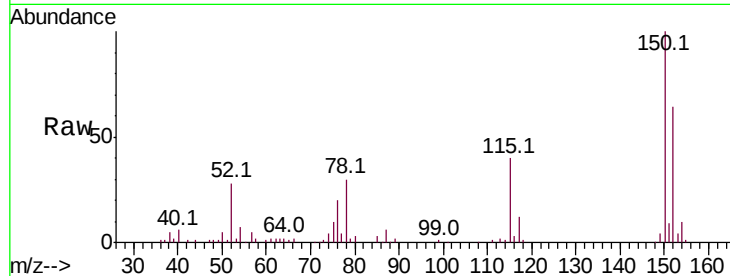
Tot Ion:152 Resp: 46275

Ion Ratio Lower Upper

152 100

115 61.6 42.7 128.1

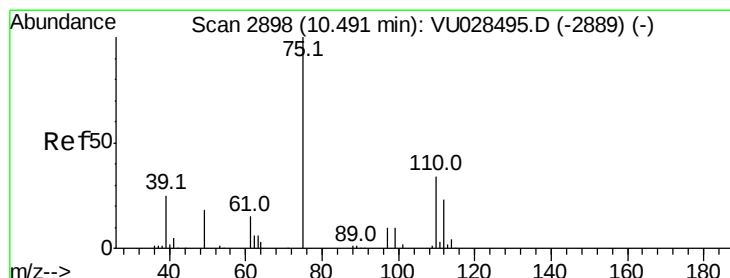
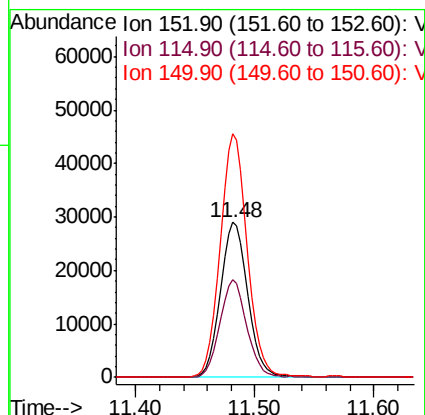
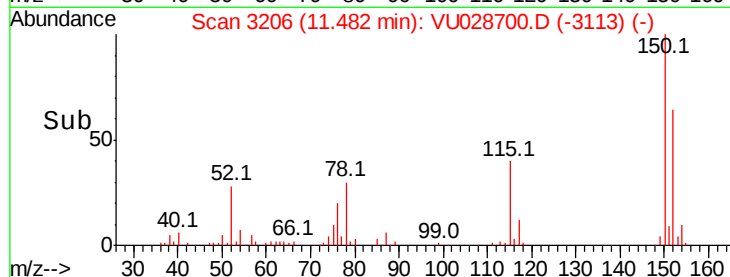
150 154.5 0.0 346.0



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: 23.972 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028700.D

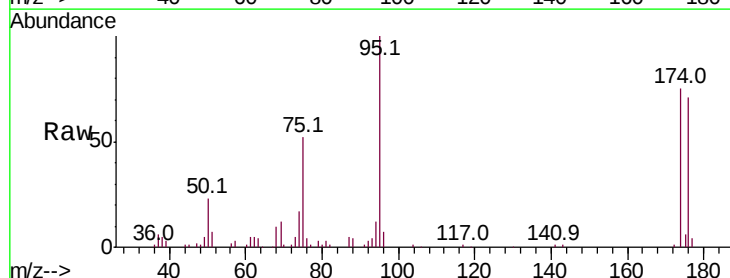
Acq: 14 Dec 2018 22:05

Tgt Ion: 75 Resp: 28326

Ion Ratio Lower Upper

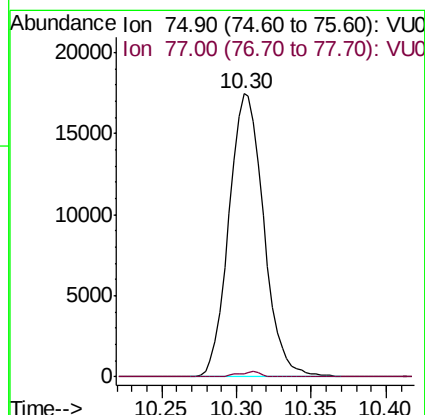
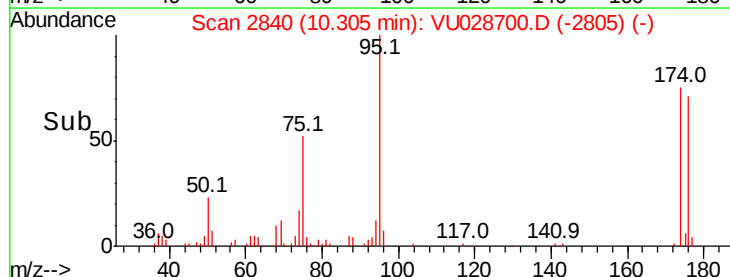
75 100

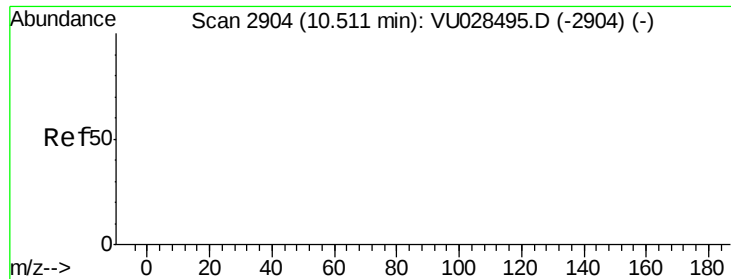
77 1.1 20.8 62.4#



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: 58.845 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028700.D

Acq: 14 Dec 2018 22:05

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 28326

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

