

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121518\
 Data File : VU028684.D
 Acq On : 14 Dec 2018 15:38
 Operator : MD/SY
 Sample : J6411-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:21:35 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	76321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	140221	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	48996	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	64765	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	
35) Dibromofluoromethane	4.88	113	48784	55.28	ug/l	0.00
Spiked Amount			Recovery	=	110.56%	
50) Toluene-d8	7.57	98	182699	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	10.31	95	57666	44.20	ug/l	0.00
Spiked Amount			Recovery	=	88.40%	

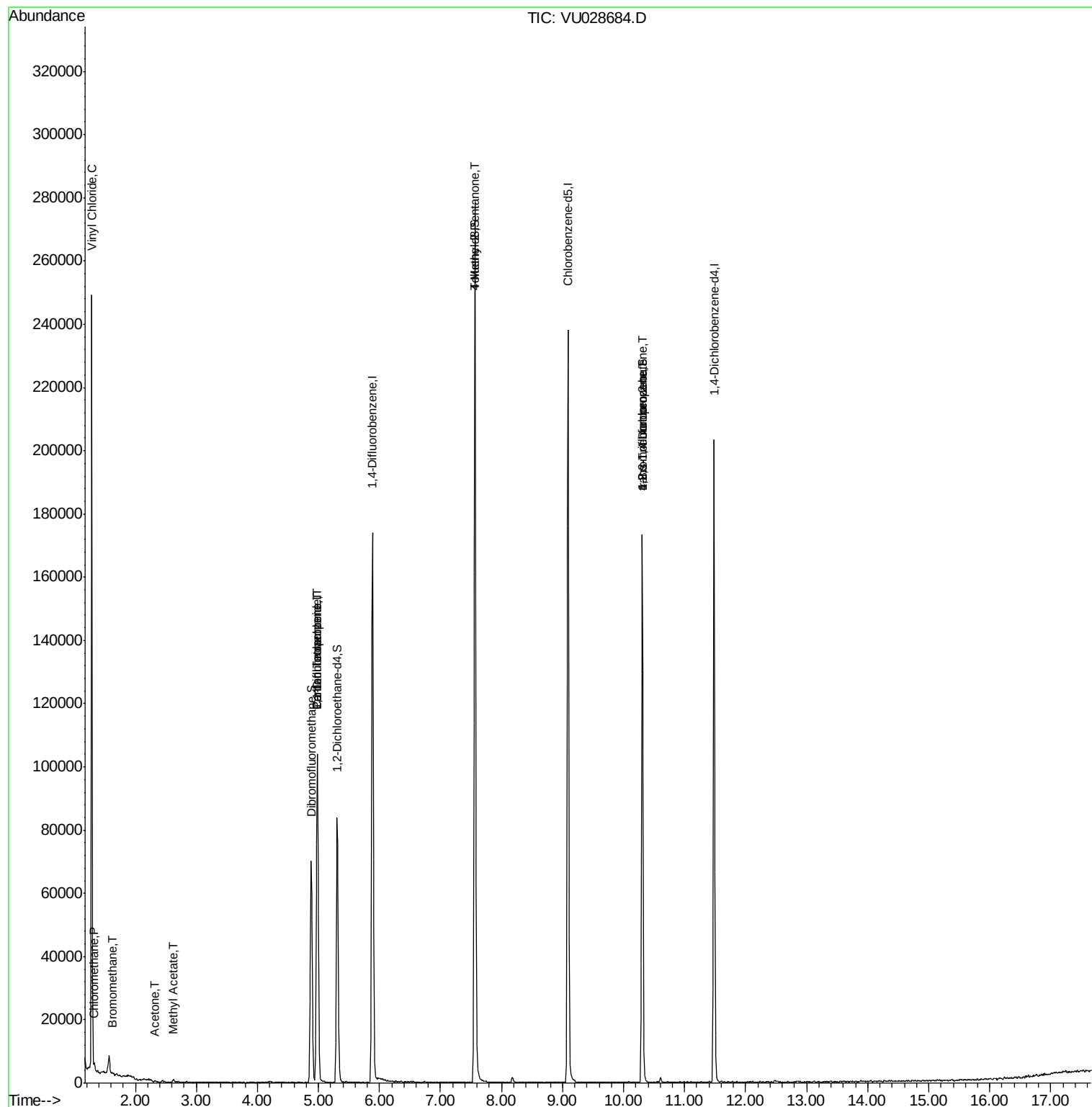
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1597	0.849	ug/l	99
4) Vinyl Chloride	1.29	62	2115	1.558	ug/l #	43
5) Bromomethane	1.62	94	135	0.247	ug/l #	4
16) Acetone	2.32	43	233	0.307	ug/l #	44
18) Methyl Acetate	2.63	43	1127	0.572	ug/l	98
31) Cyclohexane	4.98	56	1793	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	6908	4.502	ug/l #	49
38) Carbon Tetrachloride	4.98	117	7705	6.230	ug/l #	16
51) 4-Methyl-2-Pentanone	7.57	43	950	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	30271	24.195	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	30271	59.388	ug/l #	100

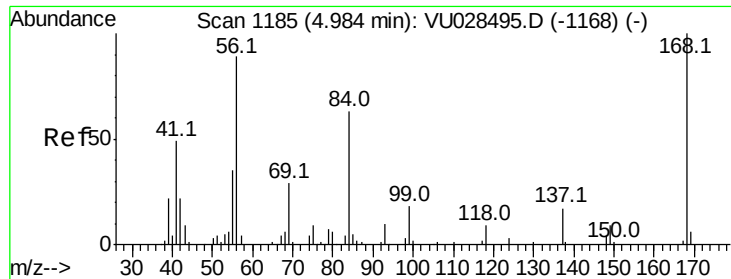
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028684.D

Acq: 14 Dec 2018 15:38

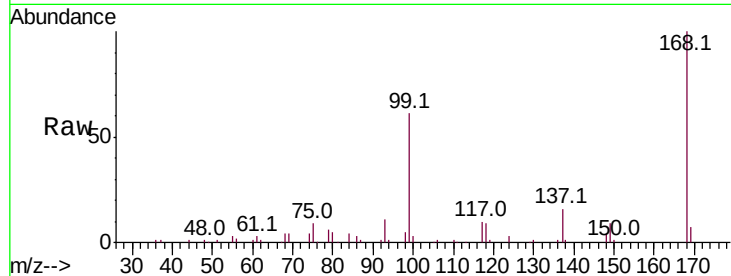
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 76321

Ion Ratio Lower Upper

168 100

99 60.8 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

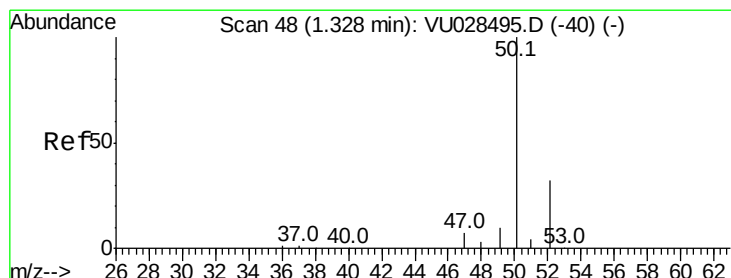
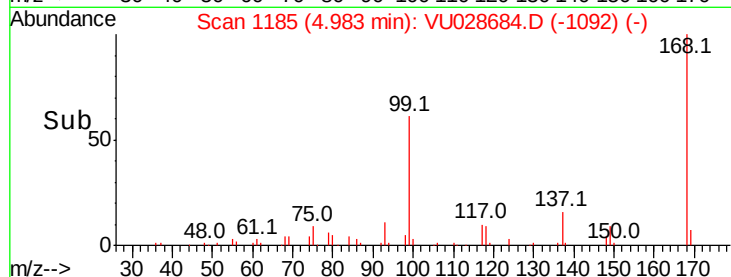
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 0.849 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028684.D

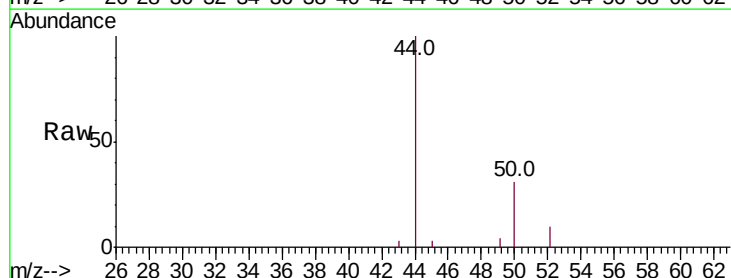
Acq: 14 Dec 2018 15:38

Tgt Ion: 50 Resp: 1597

Ion Ratio Lower Upper

50 100

52 32.3 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

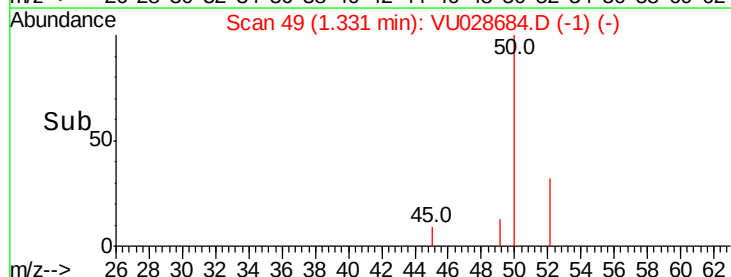
1000

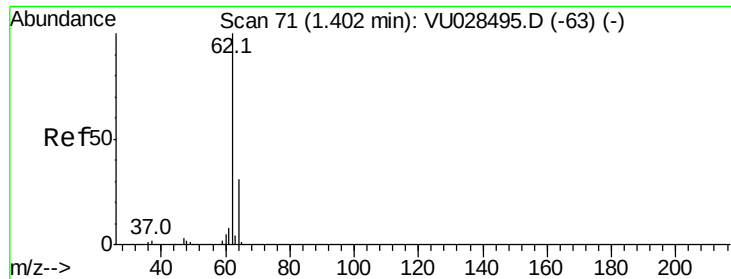
500

0

1.30 1.35

Time-->





#4

Vinyl Chloride

Concen: 1.558 ug/l

RT: 1.29 min Scan# 35

Delta R.T. -0.12 min

Lab File: VU028684.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_U

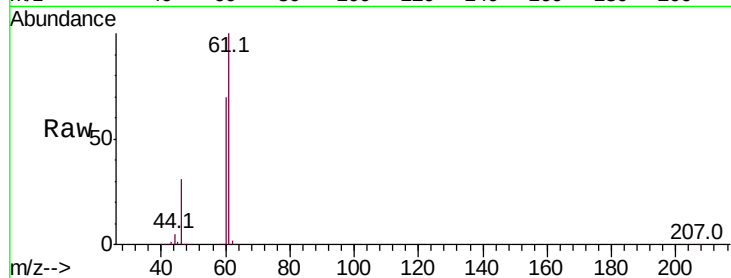
ClientSampled :

Tot Ion: 62 Resp: 2115

Ion Ratio Lower Upper

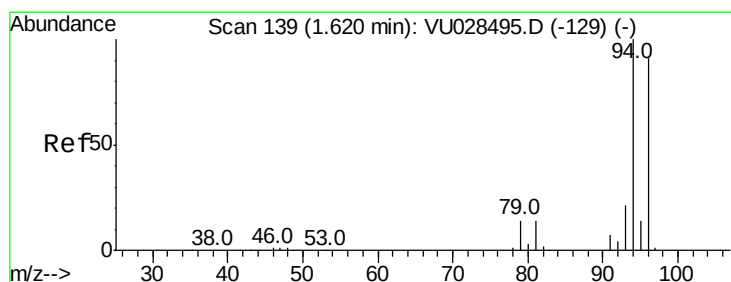
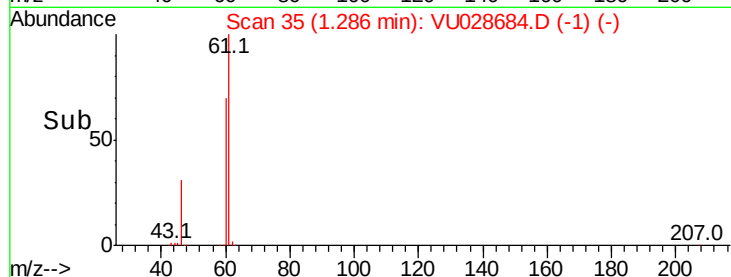
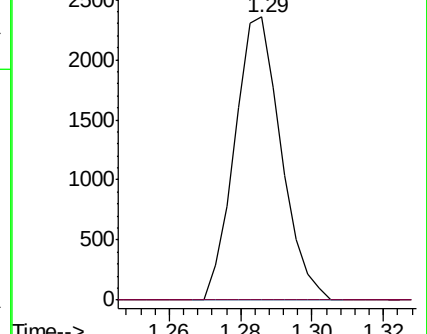
62 100

64 0.0 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#5

Bromomethane

Concen: 0.247 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.00 min

Lab File: VU028684.D

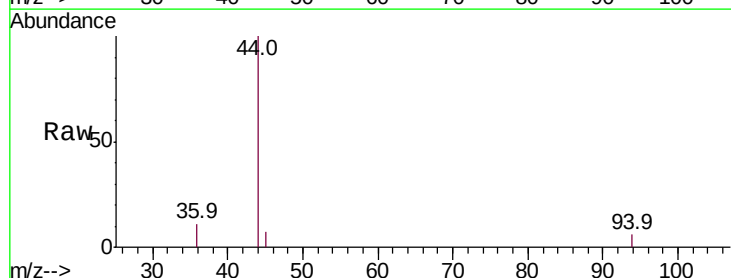
Acq: 14 Dec 2018 15:38

Tgt Ion: 94 Resp: 135

Ion Ratio Lower Upper

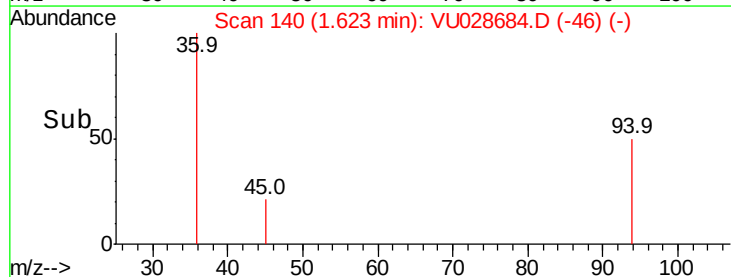
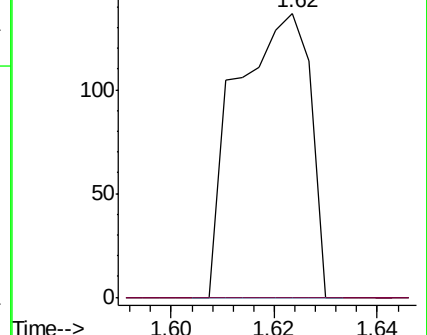
94 100

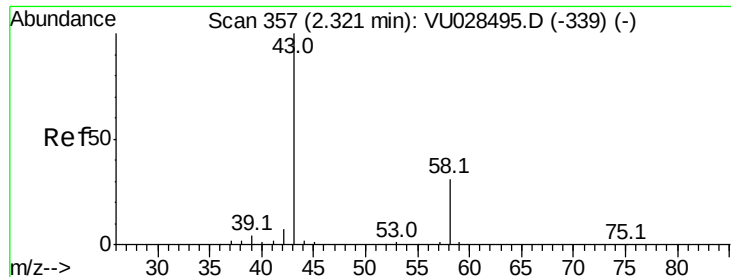
96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0





#16

Acetone

Concen: 0.307 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU028684.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_U

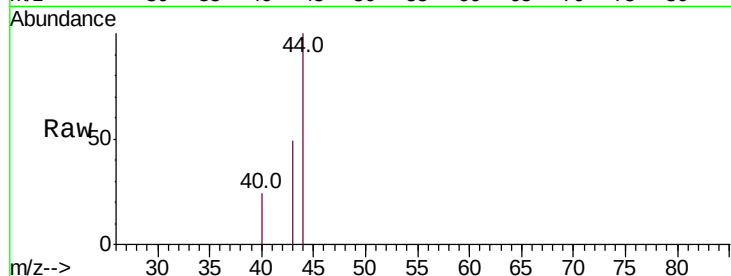
ClientSampleId :

Tot Ion: 43 Resp: 233

Ion Ratio Lower Upper

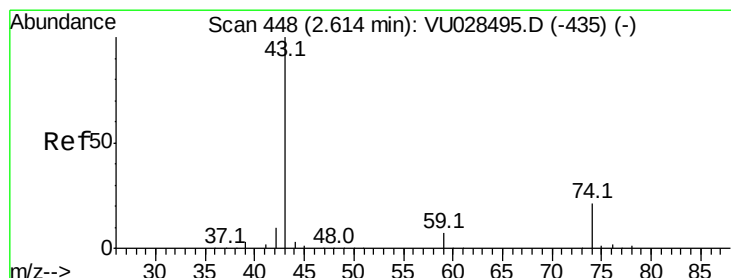
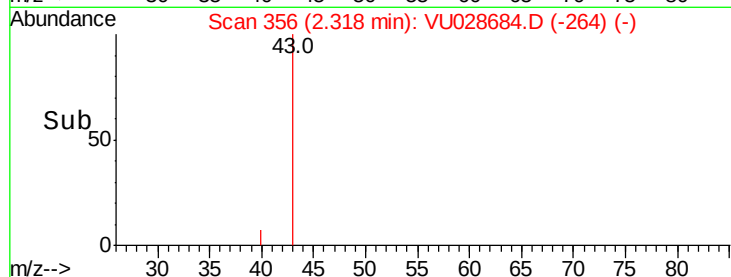
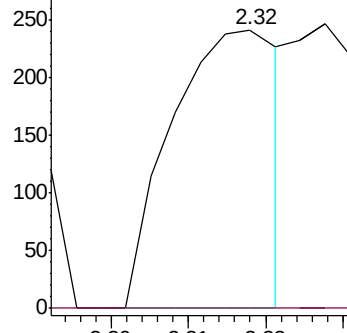
43 100

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: 0.572 ug/l

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028684.D

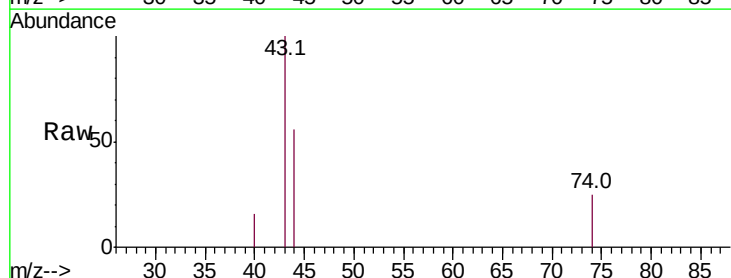
Acq: 14 Dec 2018 15:38

Tgt Ion: 43 Resp: 1127

Ion Ratio Lower Upper

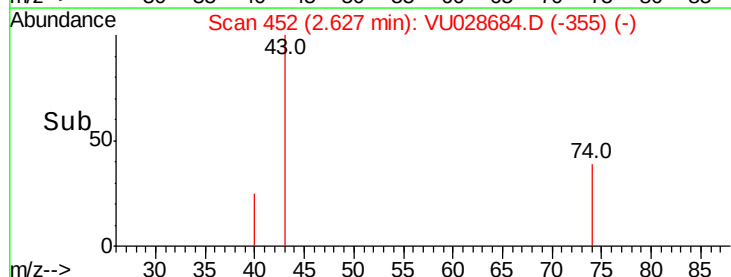
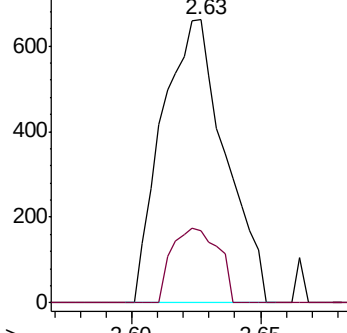
43 100

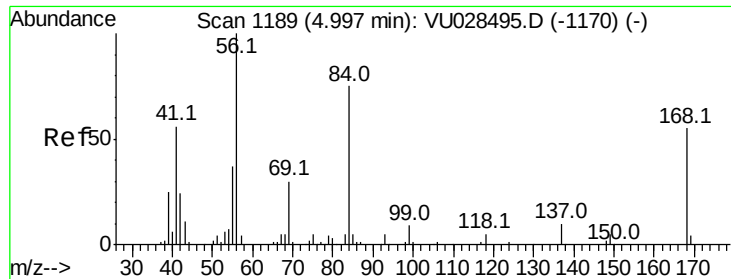
74 19.5 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

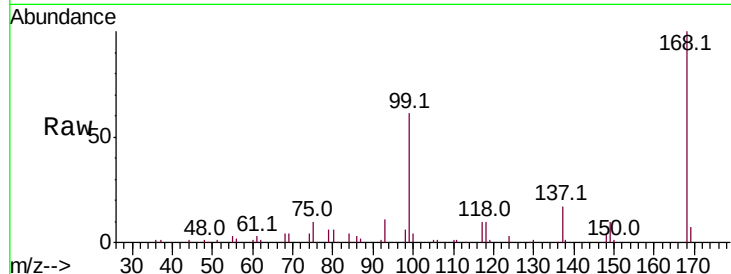




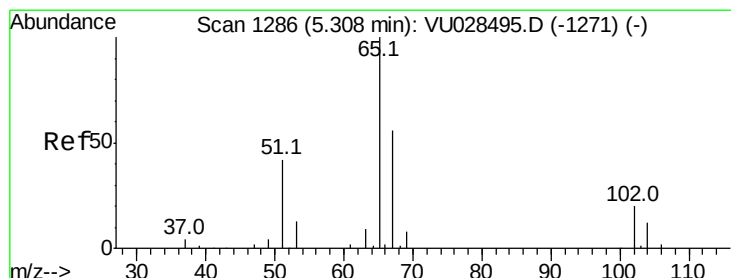
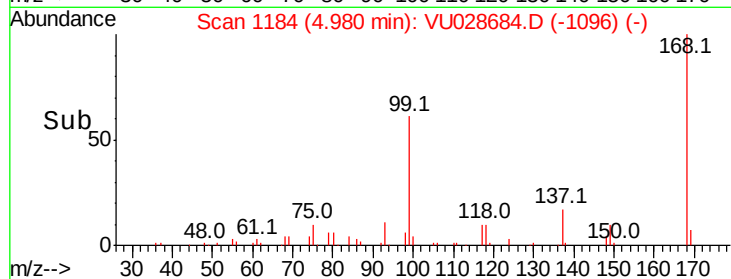
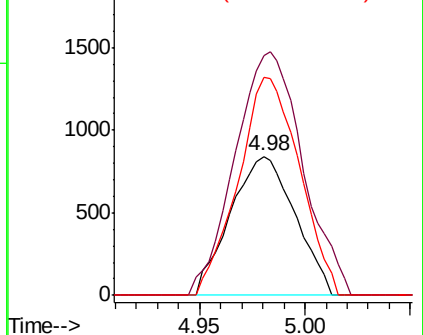
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028684.D
Acq: 14 Dec 2018 15:38

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
56	100		
69	172.6	24.0	36.0#
84	156.7	59.7	89.5#

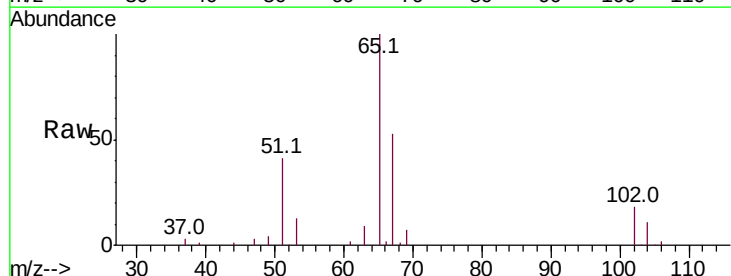


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

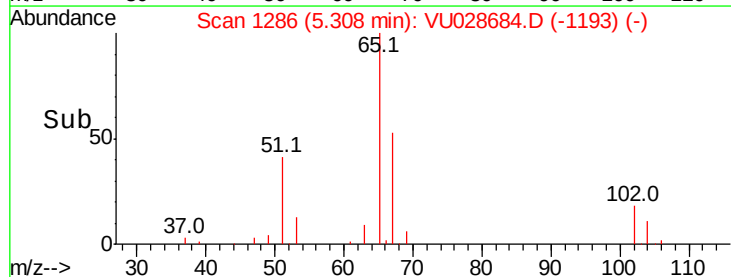
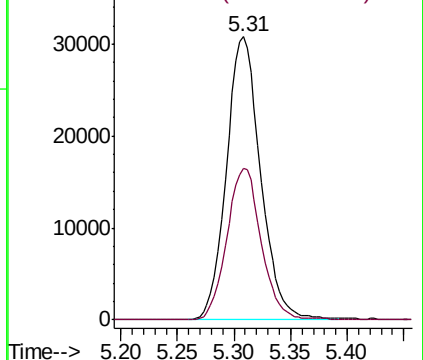


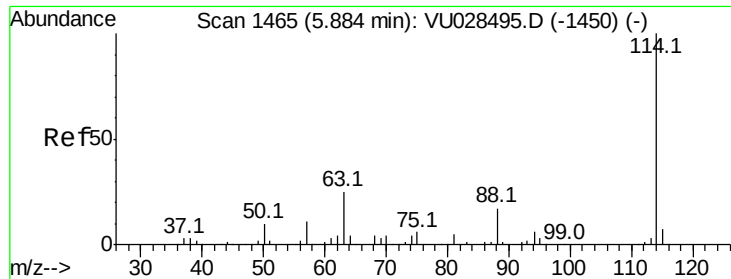
#33
1,2-Dichloroethane-d4
Concen: 55.606 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028684.D
Acq: 14 Dec 2018 15:38

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	110.6



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

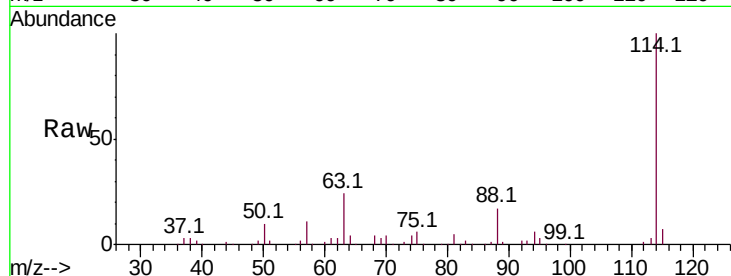




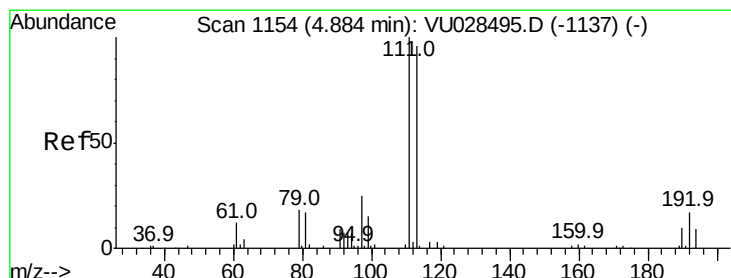
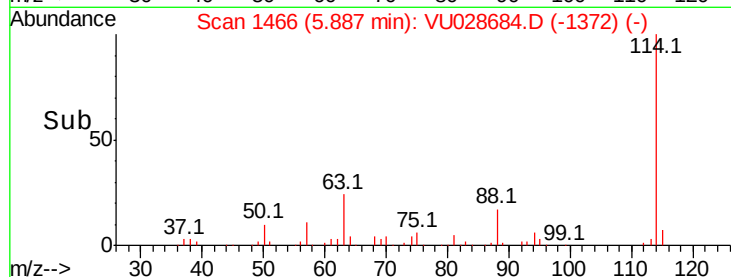
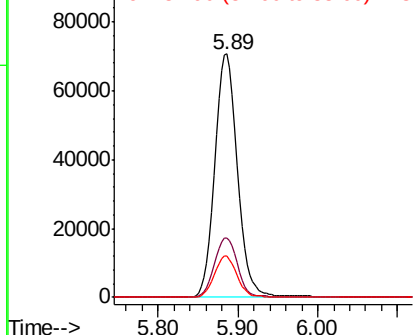
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028684.D
 Acq: 14 Dec 2018 15:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:114 Resp: 140221
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.9 0.0 33.4

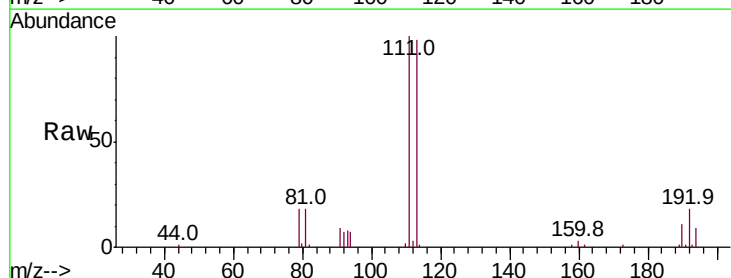


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

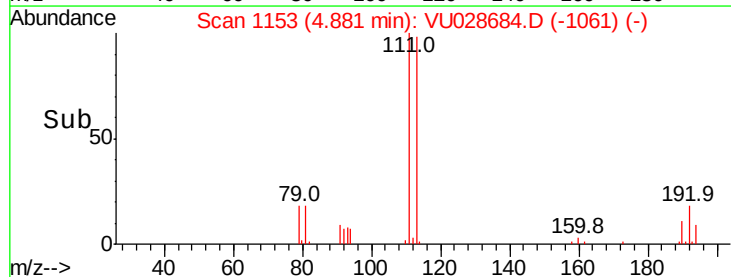
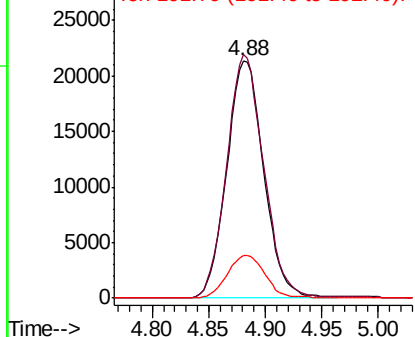


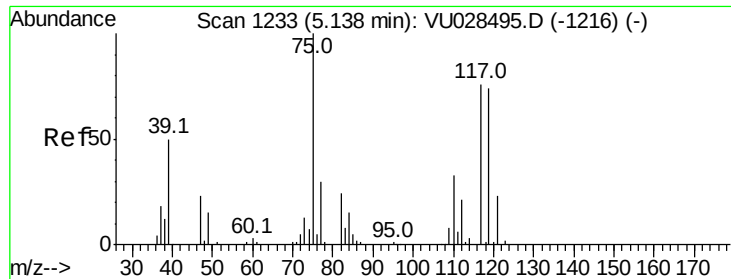
#35
 Dibromofluoromethane
 Concen: 55.284 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028684.D
 Acq: 14 Dec 2018 15:38

Tgt Ion:113 Resp: 48784
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.0
 192 18.3 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

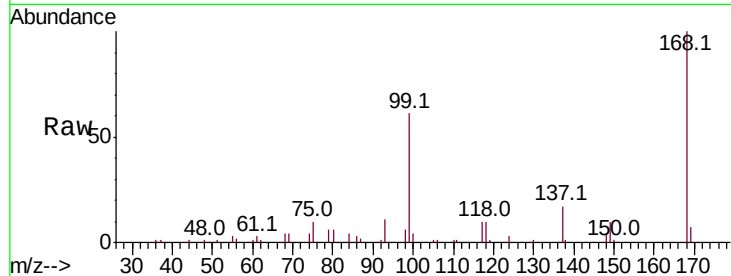




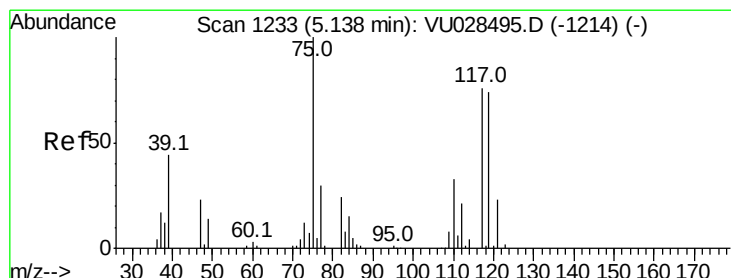
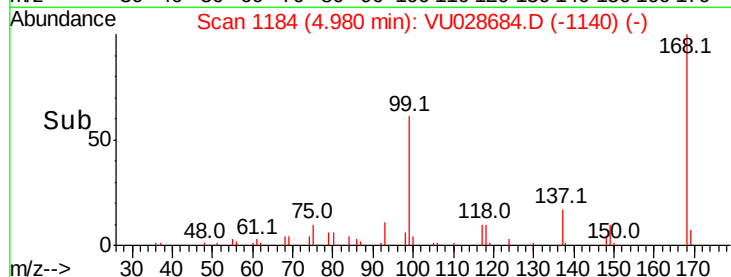
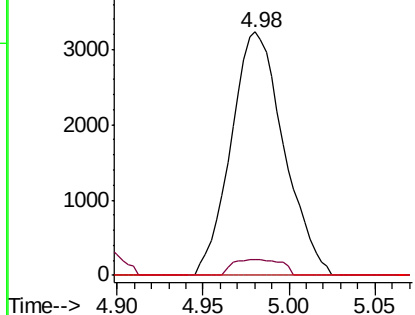
#36
 1,1-Dichloropropene
 Concen: 4.502 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028684.D
 Acq: 14 Dec 2018 15:38

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#

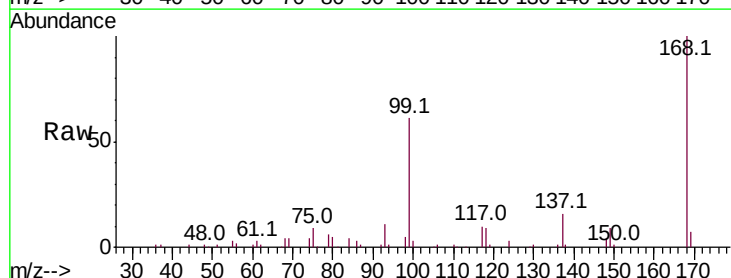


Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-1216) (-)
 Ion 109.90 (109.60 to 110.60): VU028495.D (-1216) (-)
 Ion 76.90 (76.60 to 77.60): VU028495.D (-1216) (-)

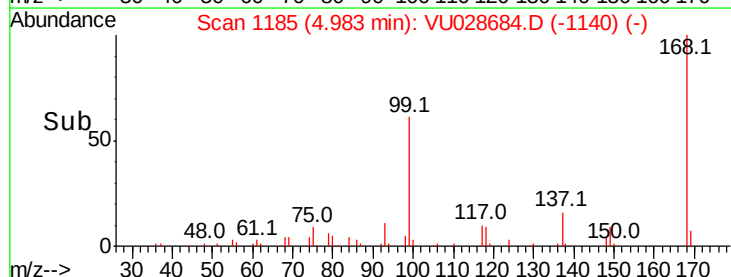
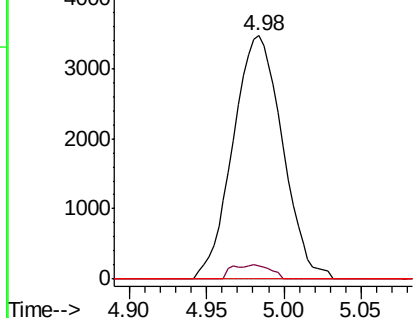


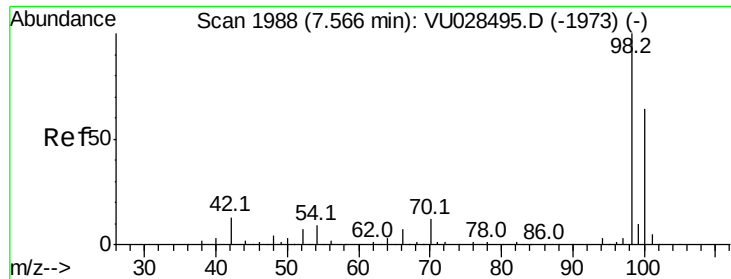
#38
 Carbon Tetrachloride
 Concen: 6.230 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028684.D
 Acq: 14 Dec 2018 15:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.6	116.4#
121	0.0	24.6	36.8#



Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-1214) (-)
 Ion 118.80 (118.50 to 119.50): VU028495.D (-1214) (-)
 Ion 120.80 (120.50 to 121.50): VU028495.D (-1214) (-)

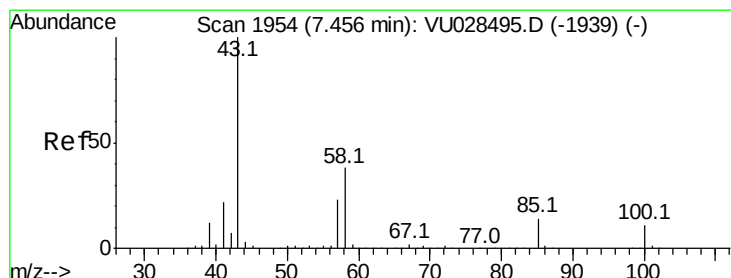
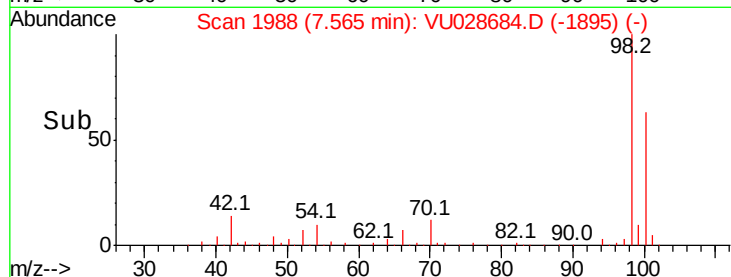
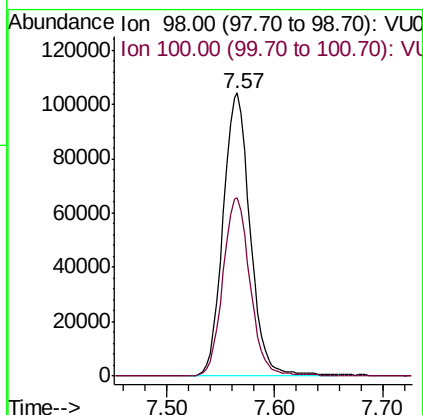
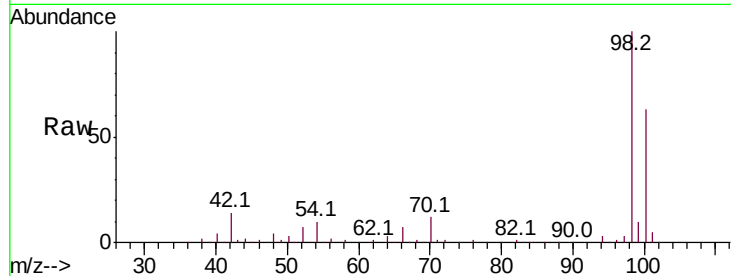




#50
Toluene-d8
Concen: 52.339 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028684.D
Acq: 14 Dec 2018 15:38

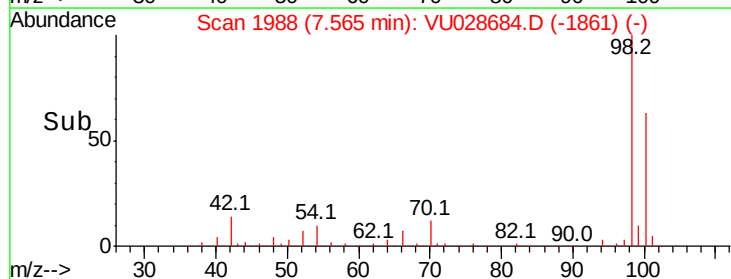
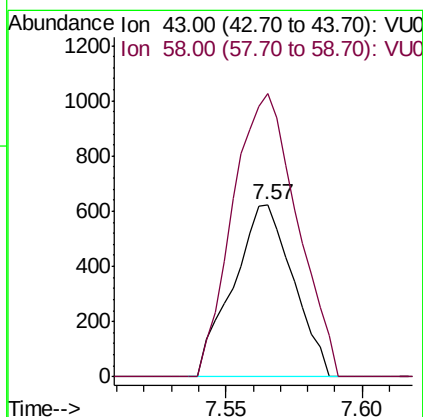
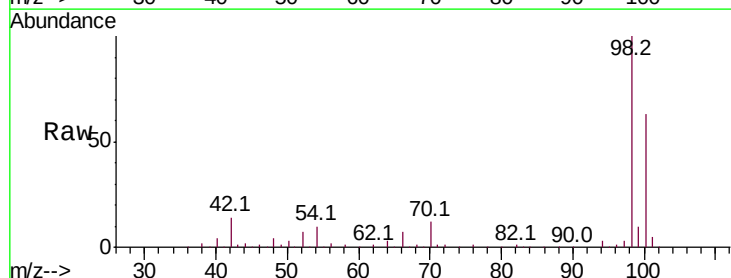
Instrument :
MSVOA_U
ClientSampled :

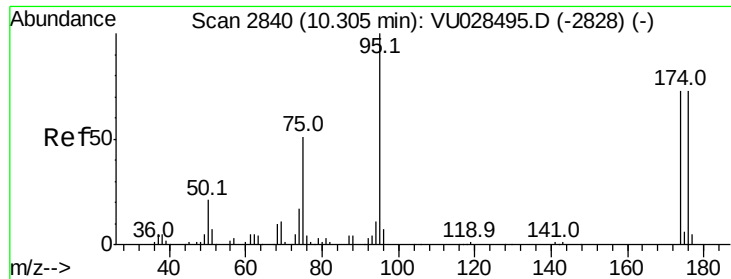
Tot Ion: 98 Resp: 182699
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.11 min
Lab File: VU028684.D
Acq: 14 Dec 2018 15:38

Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
58 176.8 30.2 45.2#





#62

4-Bromofluorobenzene

Concen: 44.199 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028684.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_U

ClientSampled :

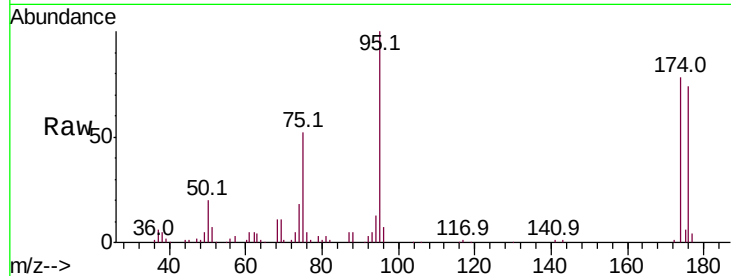
Tot Ion: 95 Resp: 57666

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.4

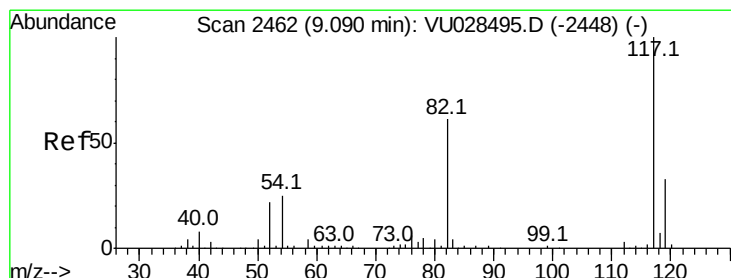
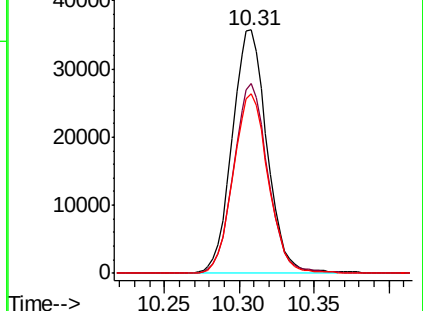
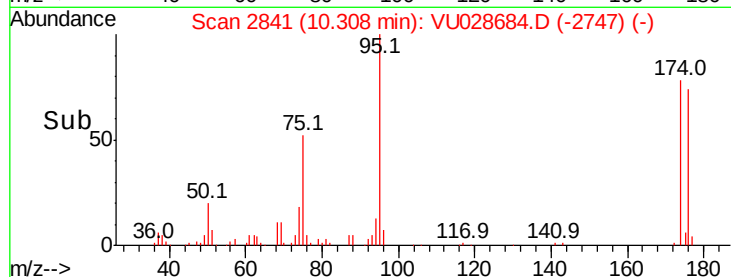
176 74.5 0.0 145.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028684.D

Acq: 14 Dec 2018 15:38

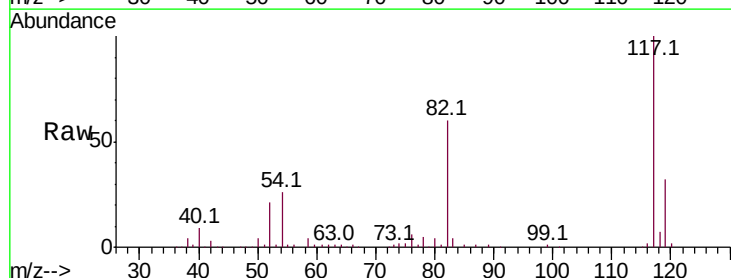
Tgt Ion: 117 Resp: 127391

Ion Ratio Lower Upper

117 100

82 60.4 48.9 73.3

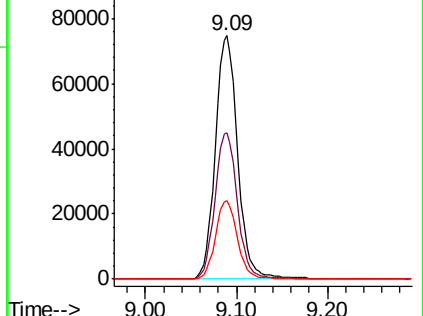
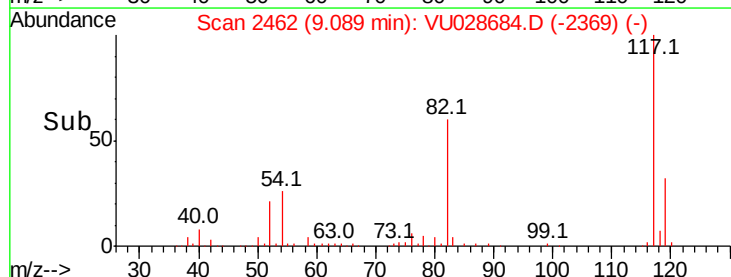
119 32.4 26.2 39.4

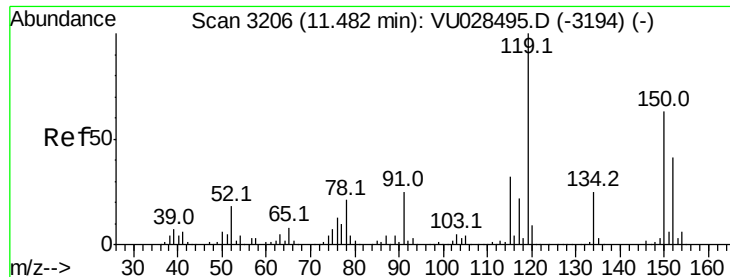


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

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

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

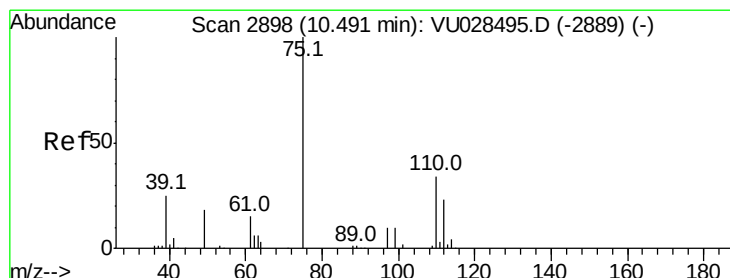
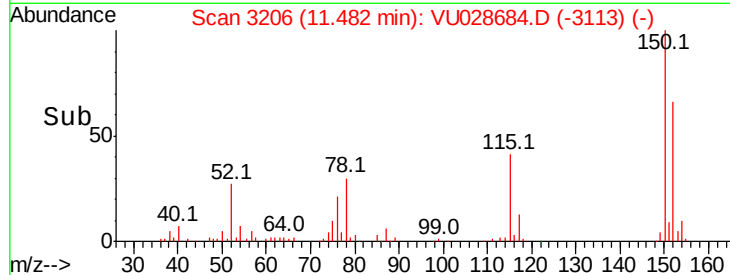
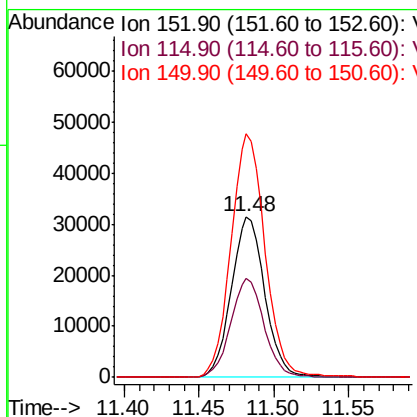
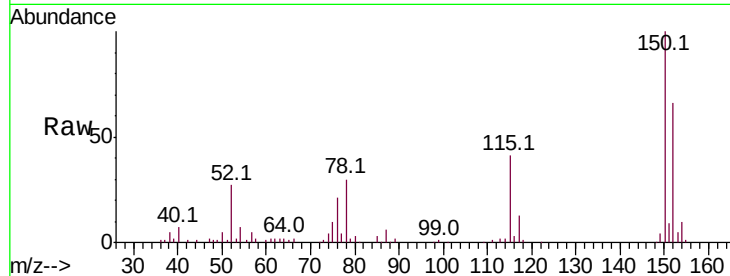




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028684.D
 Acq: 14 Dec 2018 15:38

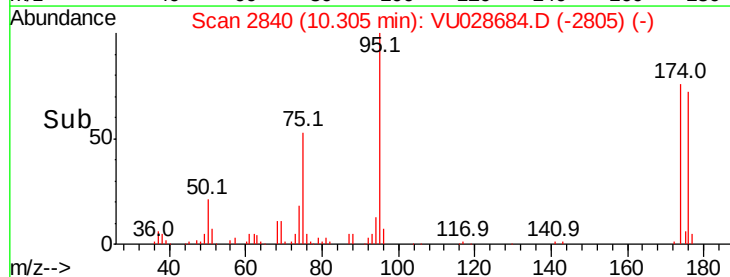
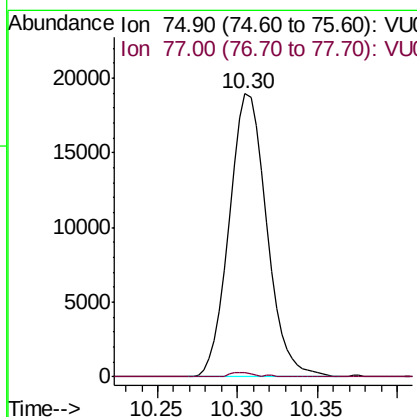
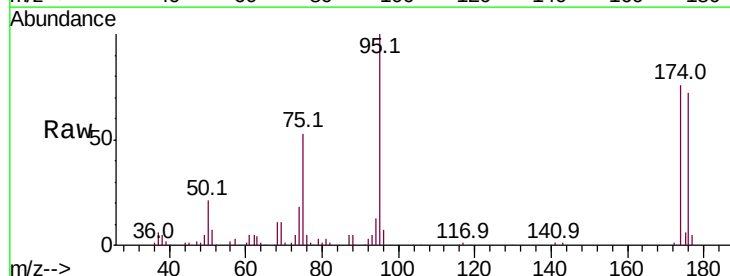
Instrument :
 MSVOA_U
 ClientSampled :

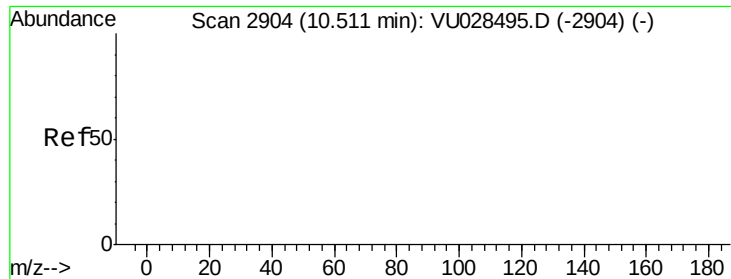
Tot Ion:152 Resp: 48996
 Ion Ratio Lower Upper
 152 100
 115 61.4 42.7 128.1
 150 154.4 0.0 346.0



#76
 1,2,3-Trichloropropane
 Concen: 24.195 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028684.D
 Acq: 14 Dec 2018 15:38

Tgt Ion: 75 Resp: 30271
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.8 62.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.388 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU028684.D
 Acq: 14 Dec 2018 15:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 30271
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

