

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121718\
 Data File : VU028737.D
 Acq On : 17 Dec 2018 22:45
 Operator : MD/SY
 Sample : VU1217WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 03:12:37 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

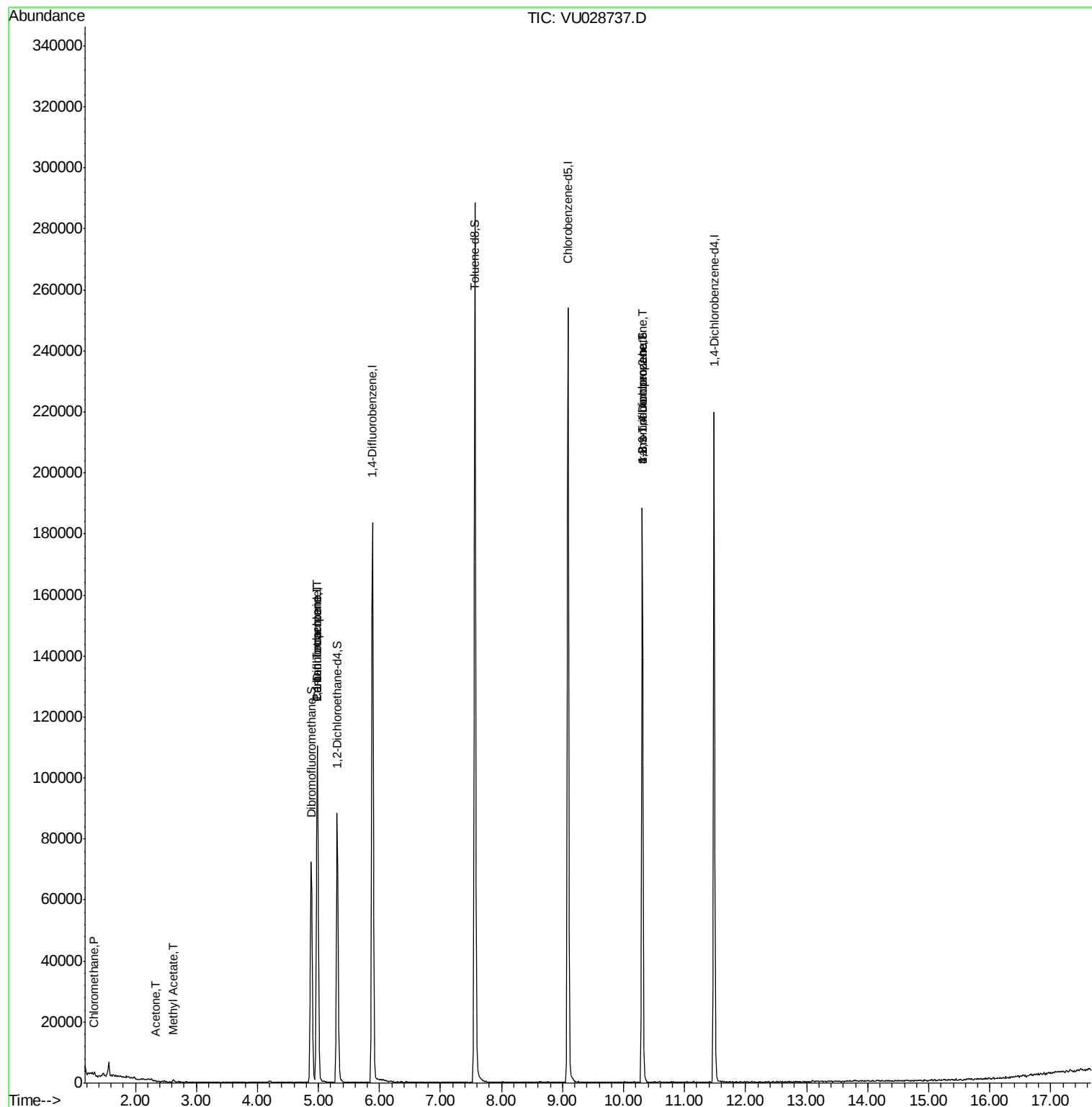
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	82000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	149634	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	135071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	66905	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
35) Dibromofluoromethane	4.88	113	50959	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
50) Toluene-d8	7.57	98	189786	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	10.31	95	63627	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	941	0.466	ug/l	94
16) Acetone	2.33	43	177	0.217	ug/l #	44
18) Methyl Acetate	2.62	43	1502	0.710	ug/l #	62
31) Cyclohexane	4.98	56	1938	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7252	4.429	ug/l #	50
38) Carbon Tetrachloride	4.98	117	8100	6.137	ug/l #	14
76) 1,2,3-Trichloropropane	10.30	75	33066	23.923	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	33066	58.727	ug/l #	100

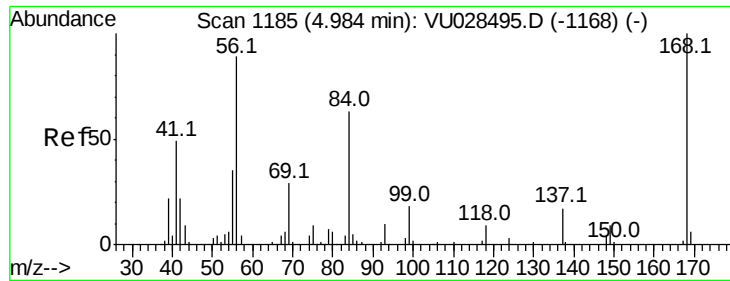
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028737.D

Acq: 17 Dec 2018 22:45

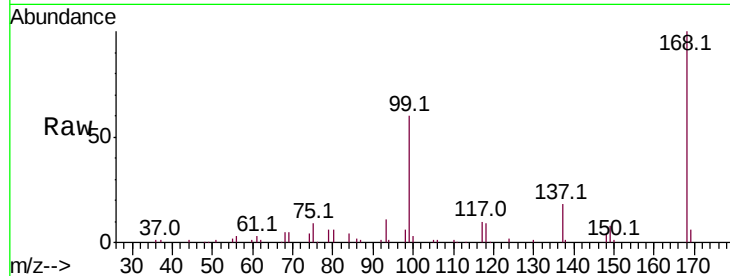
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 82000

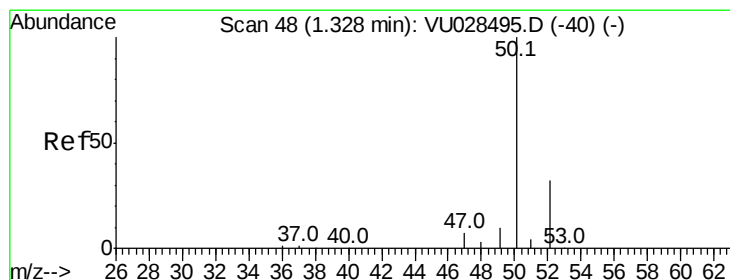
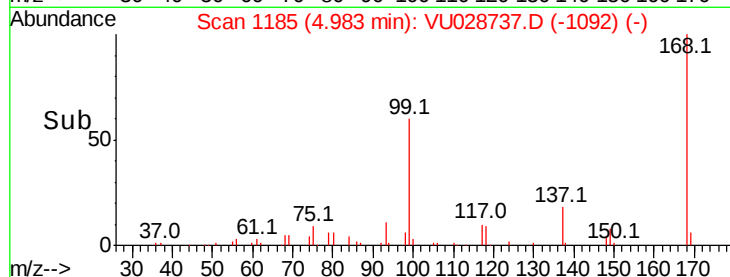
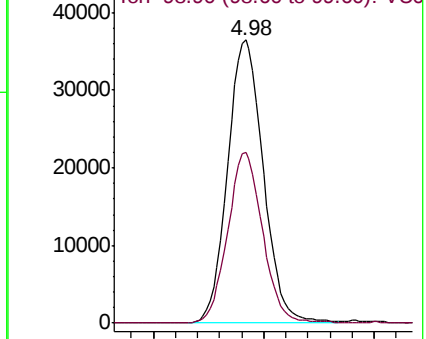
Ion Ratio Lower Upper

168 100

99 60.3 46.6 69.8



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



#3

Chloromethane

Concen: 0.466 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028737.D

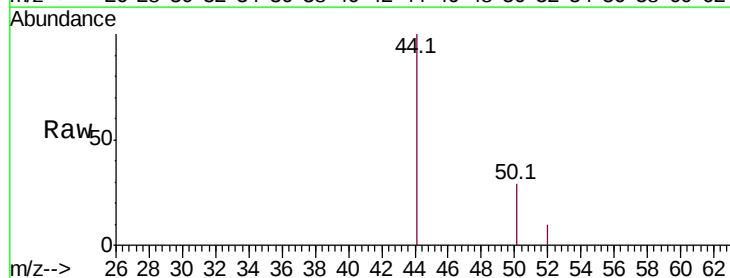
Acq: 17 Dec 2018 22:45

Tgt Ion: 50 Resp: 941

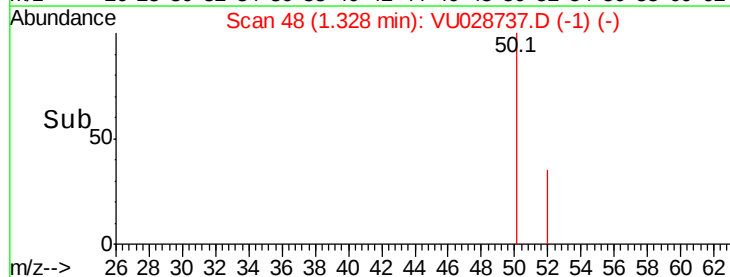
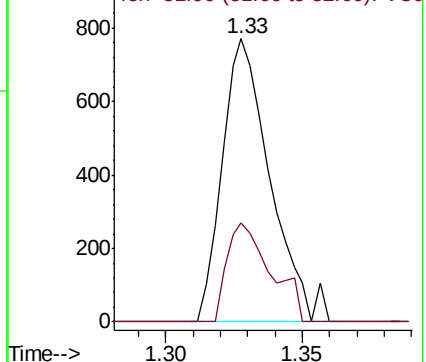
Ion Ratio Lower Upper

50 100

52 35.0 25.5 38.3



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





#16

Acetone

Concen: 0.217 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU028737.D

Acq: 17 Dec 2018 22:45

Instrument :

MSVOA_U

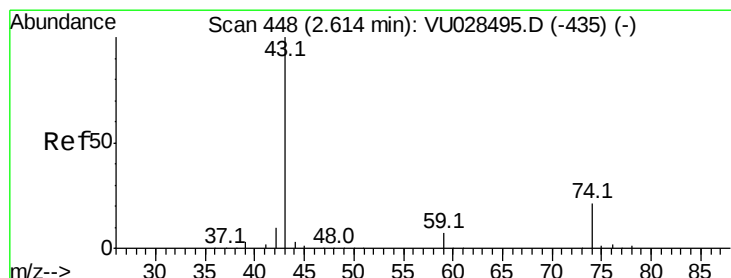
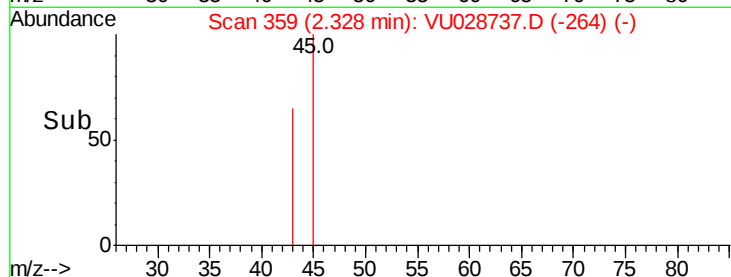
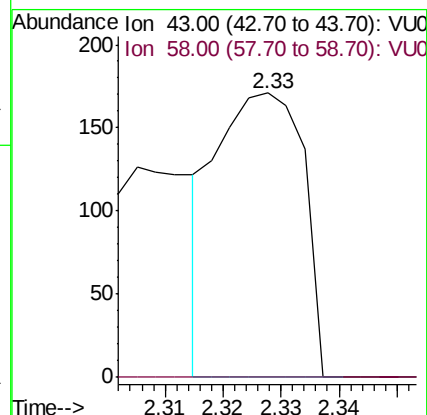
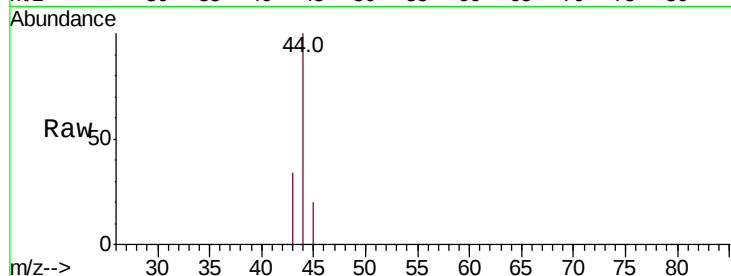
ClientSampleId :

Tot Ion: 43 Resp: 177

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



#18

Methyl Acetate

Concen: 0.710 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028737.D

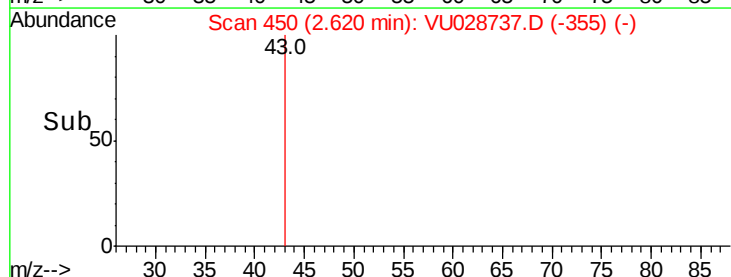
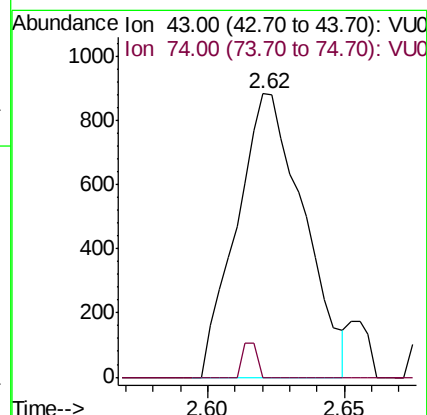
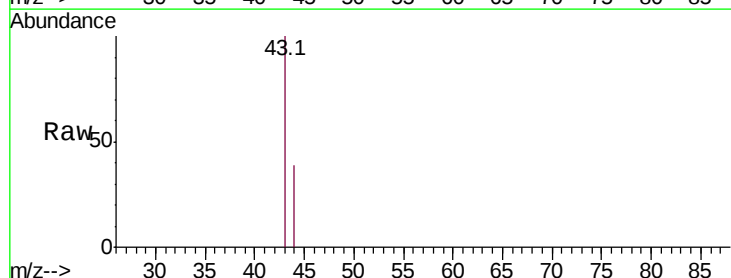
Acq: 17 Dec 2018 22:45

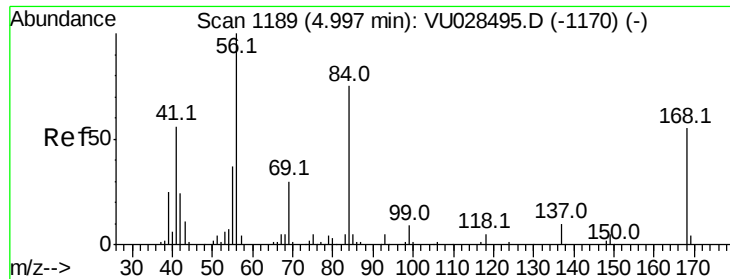
Tgt Ion: 43 Resp: 1502

Ion Ratio Lower Upper

43 100

74 2.7 16.4 24.6#

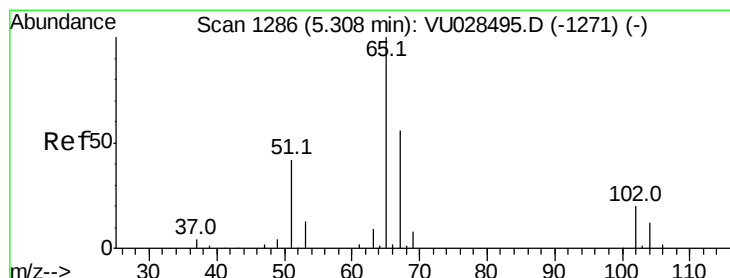
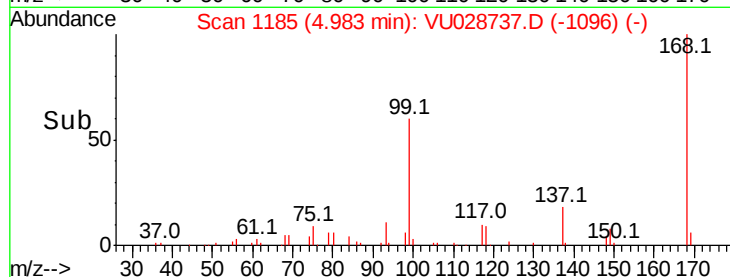
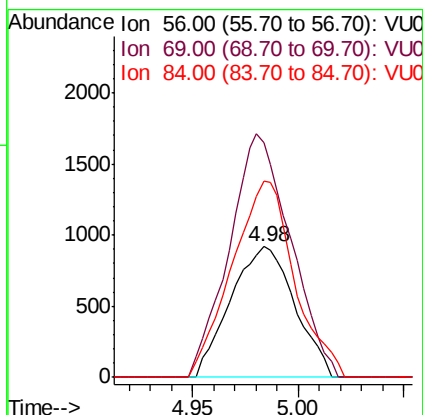
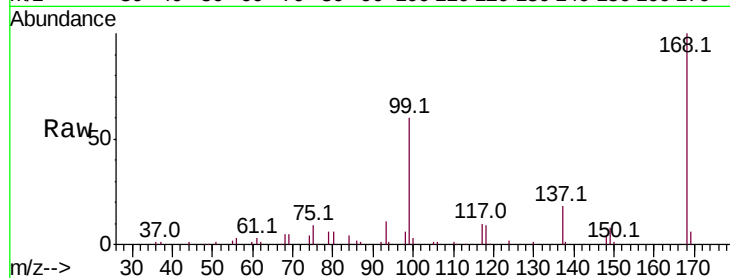




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028737.D
Acq: 17 Dec 2018 22:45

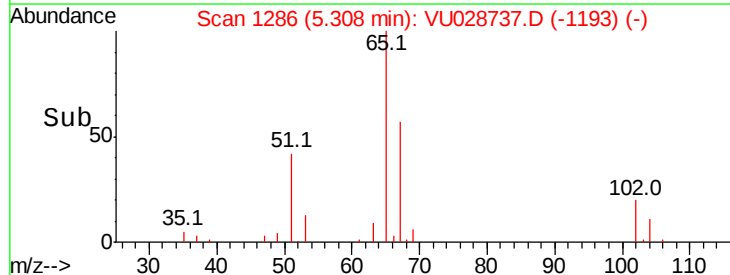
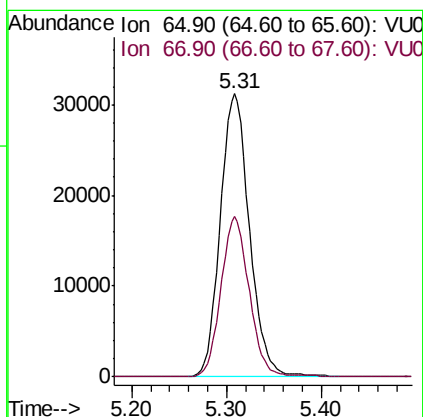
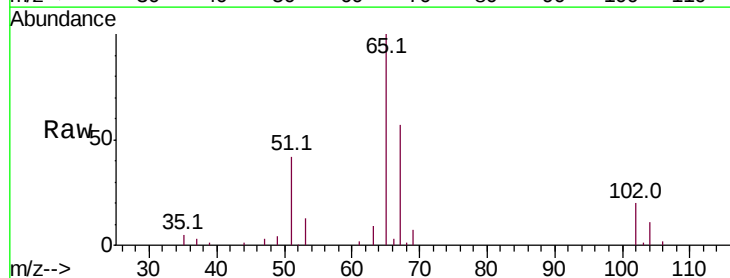
Instrument :
MSVOA_U
ClientSampled :

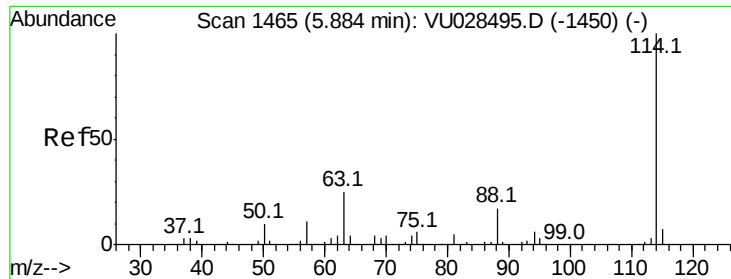
Tot Ion	Ratio	Lower	Upper
56	100		
69	178.8	24.0	36.0#
84	149.7	59.7	89.5#



#33
1,2-Dichloroethane-d4
Concen: 53.465 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028737.D
Acq: 17 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.7	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: VU028737.D

Acq: 17 Dec 2018 22:45

Instrument :

MSVOA_U

ClientSampleId :

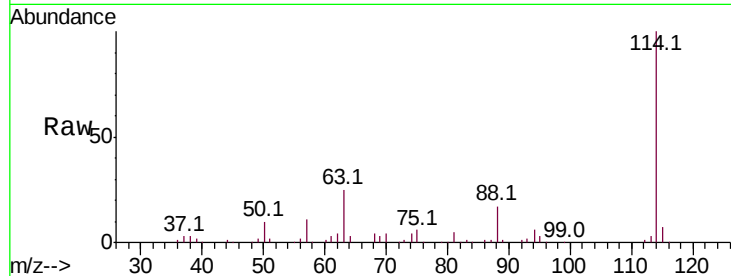
Tot Ion:114 Resp: 149634

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

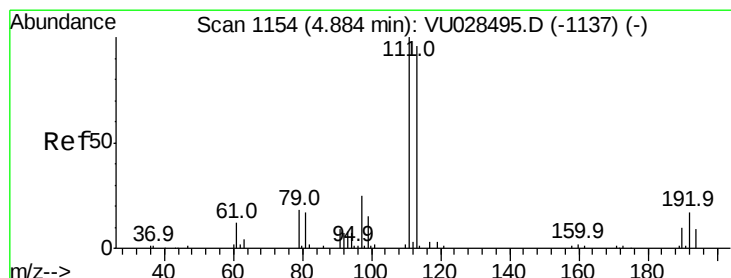
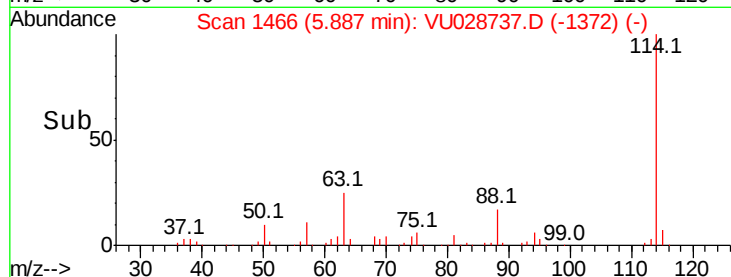
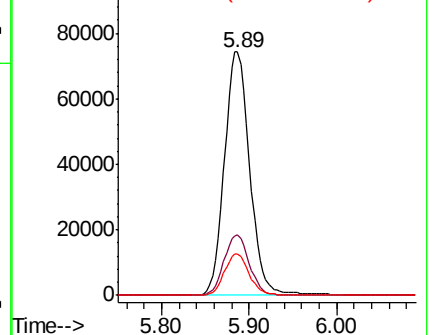
88 16.8 0.0 33.4



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: 54.116 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028737.D

Acq: 17 Dec 2018 22:45

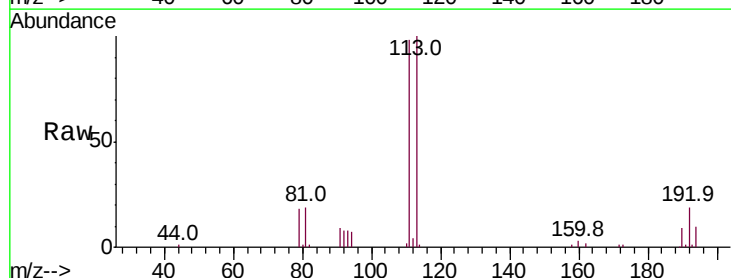
Tgt Ion:113 Resp: 50959

Ion Ratio Lower Upper

113 100

111 101.0 83.4 125.0

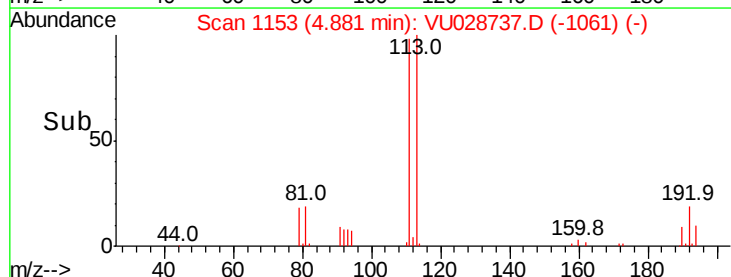
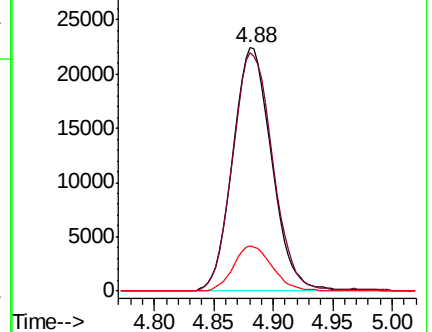
192 18.5 14.8 22.2

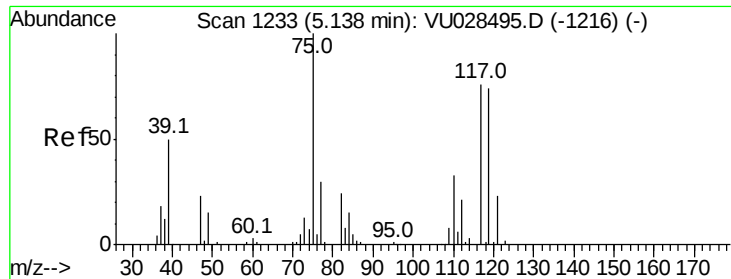


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

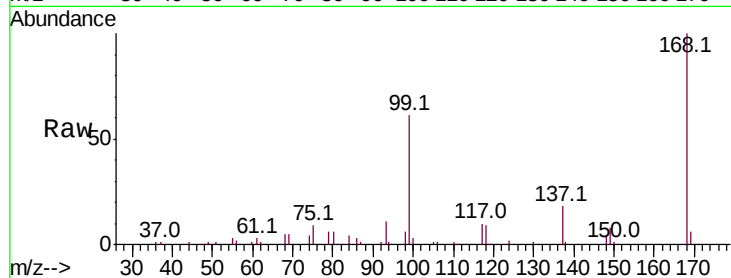




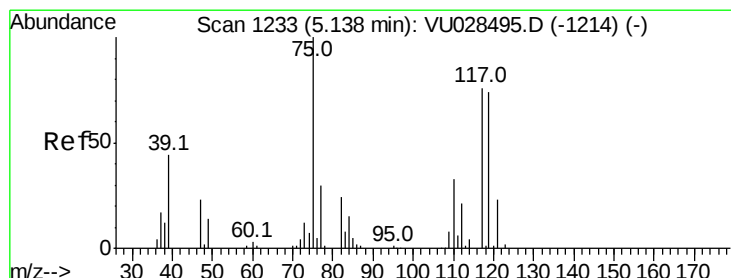
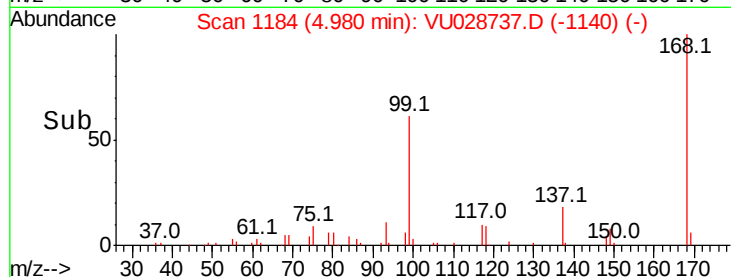
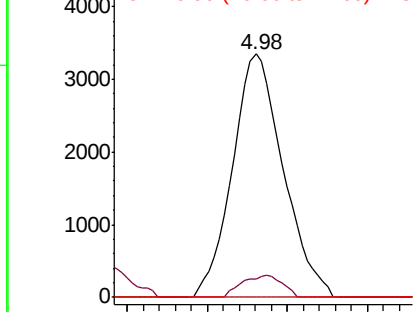
#36
 1,1-Dichloropropene
 Concen: 4.429 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028737.D
 Acq: 17 Dec 2018 22:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 7252
 Ion Ratio Lower Upper
 75 100
 110 7.2 16.1 48.2#
 77 0.0 24.5 36.7#

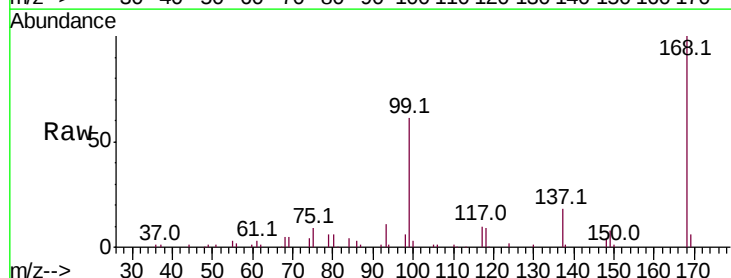


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

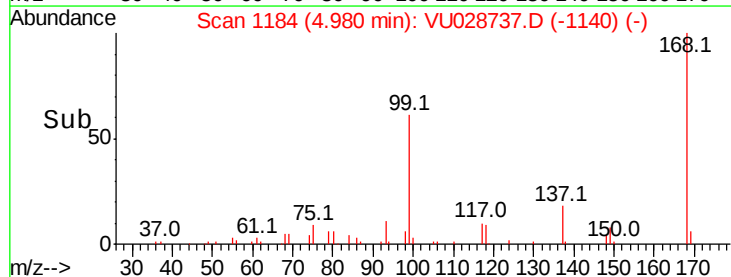
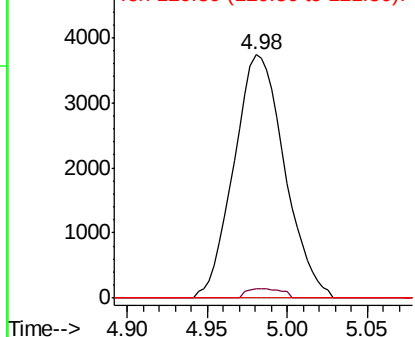


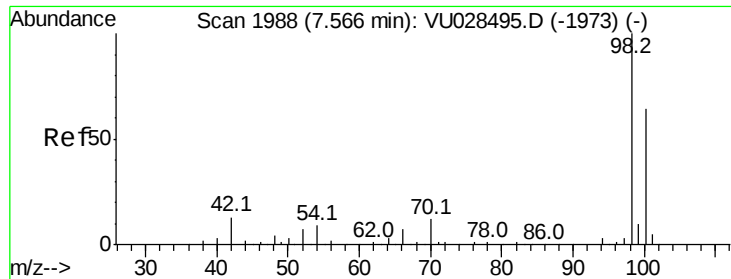
#38
 Carbon Tetrachloride
 Concen: 6.137 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028737.D
 Acq: 17 Dec 2018 22:45

Tgt Ion: 117 Resp: 8100
 Ion Ratio Lower Upper
 117 100
 119 3.6 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: 50.949 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028737.D

Acq: 17 Dec 2018 22:45

Instrument :

MSVOA_U

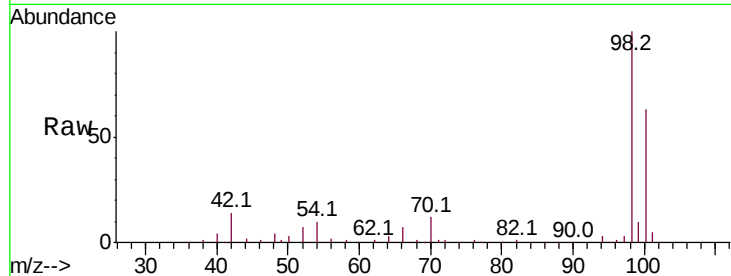
ClientSampled :

Tot Ion: 98 Resp: 189786

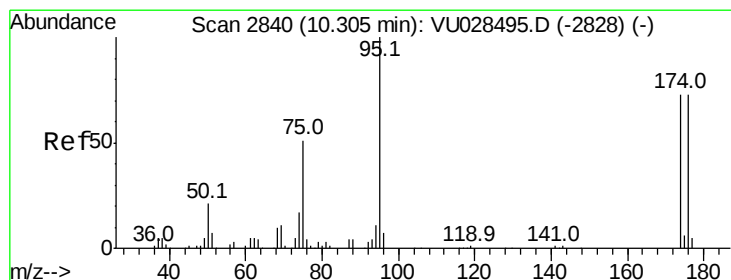
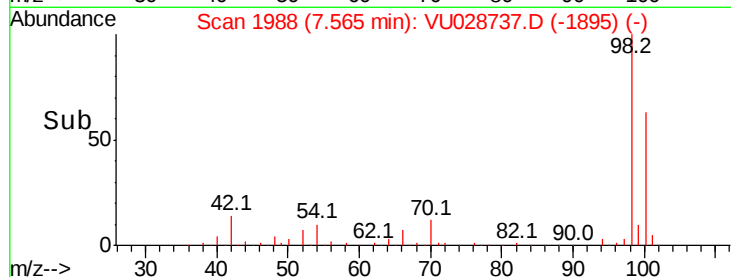
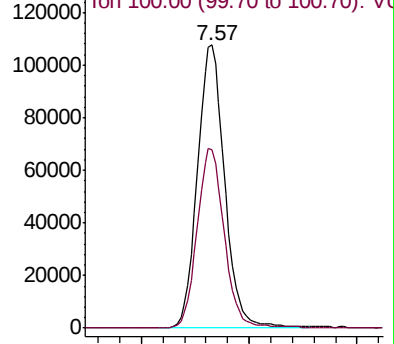
Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)



#62

4-Bromofluorobenzene

Concen: 45.700 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028737.D

Acq: 17 Dec 2018 22:45

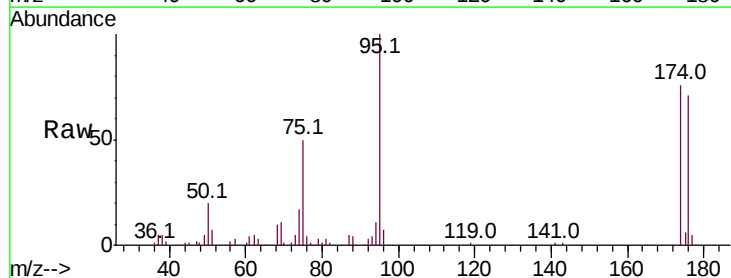
Tgt Ion: 95 Resp: 63627

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.4

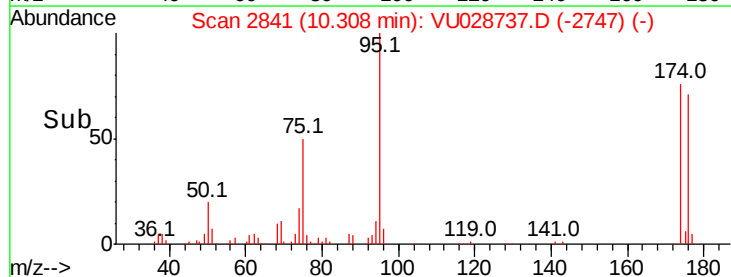
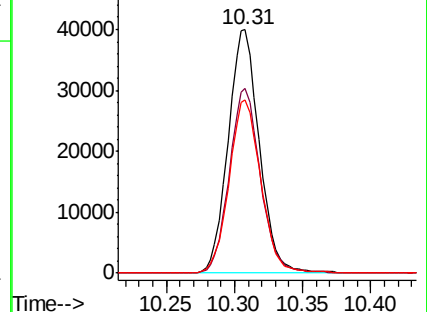
176 71.9 0.0 145.2

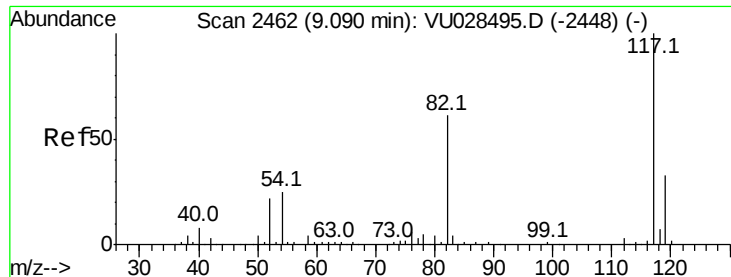


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

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

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

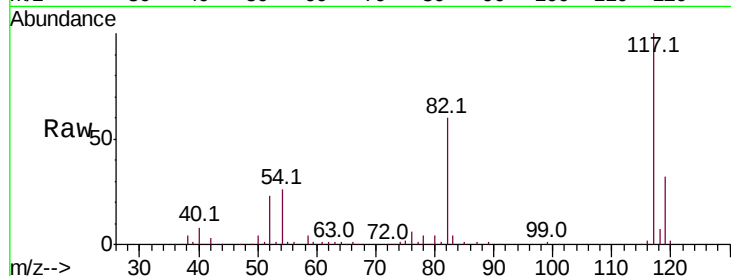




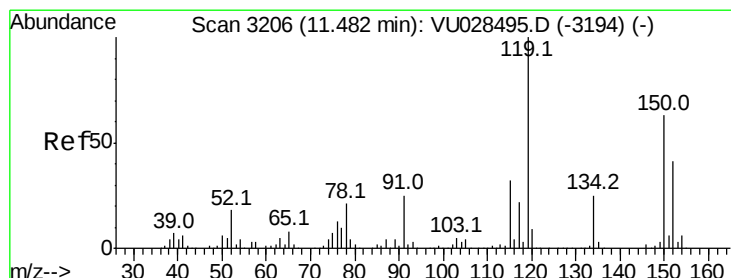
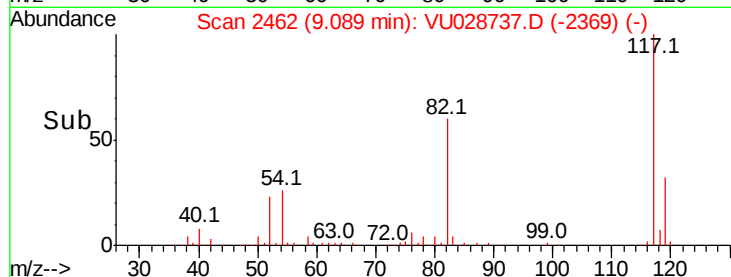
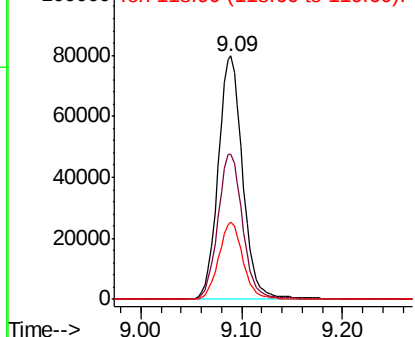
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028737.D
Acq: 17 Dec 2018 22:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 135071
Ion Ratio Lower Upper
117 100
82 59.8 48.9 73.3
119 31.9 26.2 39.4

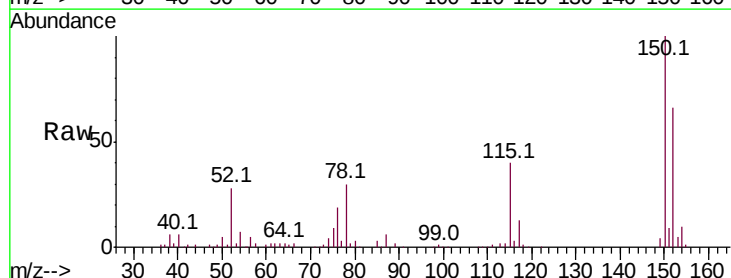


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

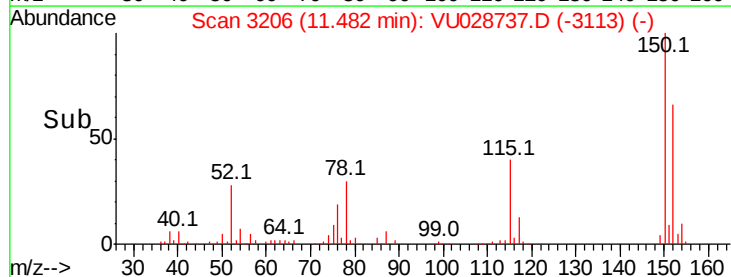
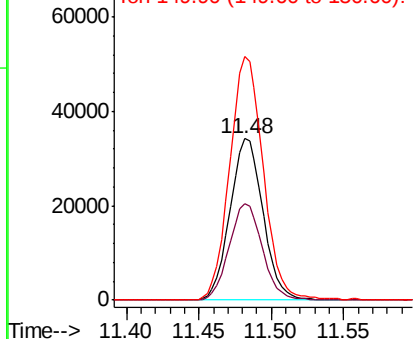


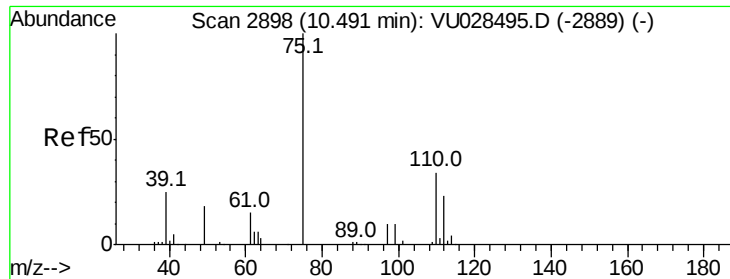
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028737.D
Acq: 17 Dec 2018 22:45

Tgt Ion:152 Resp: 54128
Ion Ratio Lower Upper
152 100
115 59.6 42.7 128.1
150 153.2 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: 23.923 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028737.D

Acq: 17 Dec 2018 22:45

Instrument :

MSVOA_U

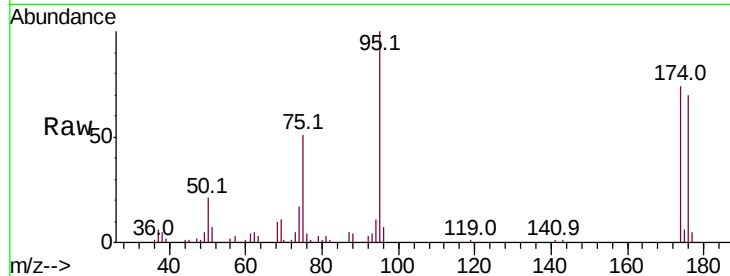
ClientSampleId :

Tot Ion: 75 Resp: 33066

Ion Ratio Lower Upper

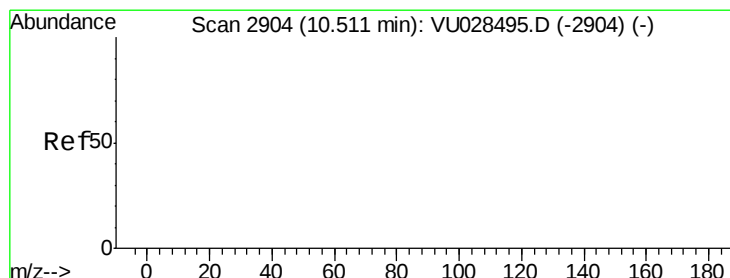
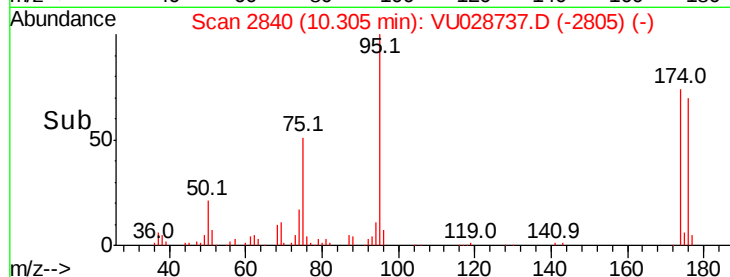
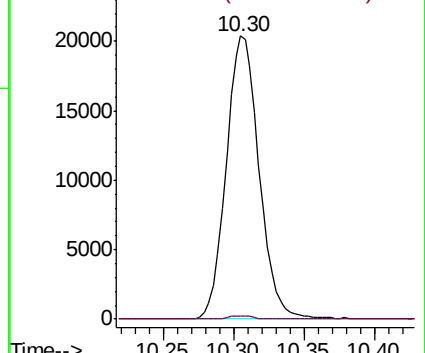
75 100

77 0.8 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: 58.727 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028737.D

Acq: 17 Dec 2018 22:45

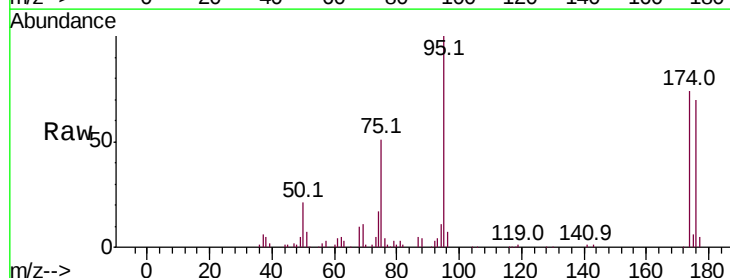
Tgt Ion: 75 Resp: 33066

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

