

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028783.D
 Acq On : 19 Dec 2018 10:51
 Operator : MD/SY
 Sample : VU1219WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1219WBL01

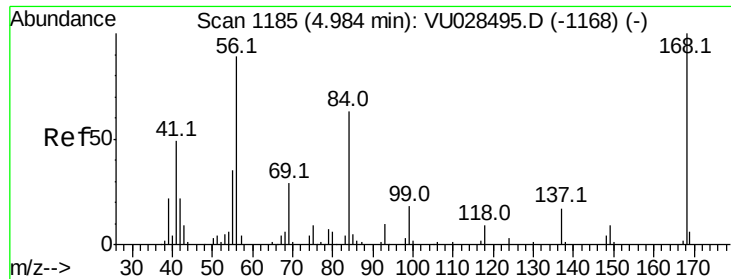
Quant Time: Dec 20 03:18:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	125589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	213506	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77052	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.30	65	81775	42.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.34%	
35) Dibromofluoromethane	4.88	113	69792	51.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.88%	
50) Toluene-d8	7.56	98	270185	50.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	10.30	95	85913	43.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1024	0.331	ug/l	96
11) Tert butyl alcohol	2.84	59	442	1.035	ug/l #	73
18) Methyl Acetate	2.62	43	681	0.210	ug/l #	56
31) Cyclohexane	4.98	56	2254	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9305	3.983	ug/l #	49
38) Carbon Tetrachloride	4.98	117	11187	5.941	ug/l #	15
51) 4-Methyl-2-Pentanone	7.57	43	1095	0.363	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	41541	21.113	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	41541	51.890	ug/l #	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028783.D

Acq: 19 Dec 2018 10:51

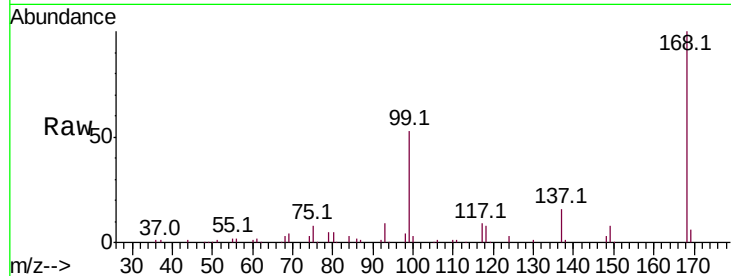
Instrument :
MSVOA_U
ClientSampleId :
VU1219WBL01

Tot Ion:168 Resp: 125589

Ion Ratio Lower Upper

168 100

99 52.9 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

60000

50000

40000

30000

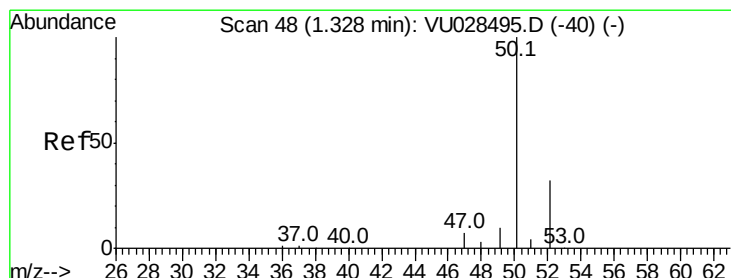
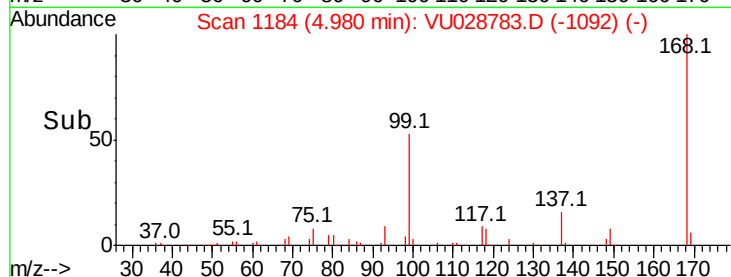
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 0.331 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028783.D

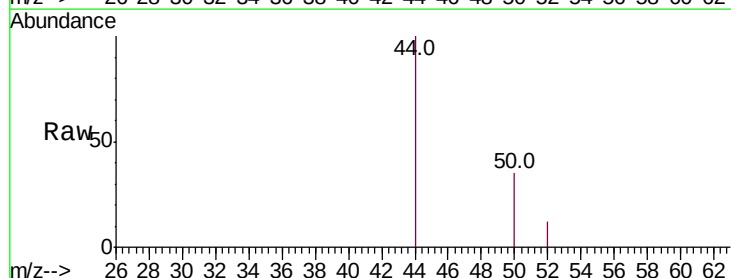
Acq: 19 Dec 2018 10:51

Tgt Ion: 50 Resp: 1024

Ion Ratio Lower Upper

50 100

52 34.1 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

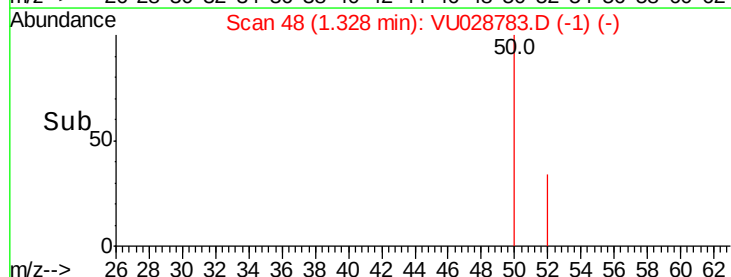
400

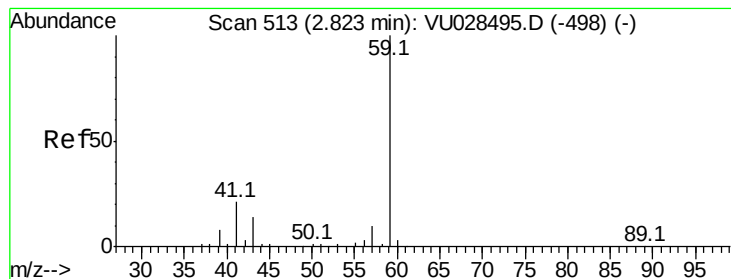
200

0

1.30 1.32 1.34 1.36

Time-->



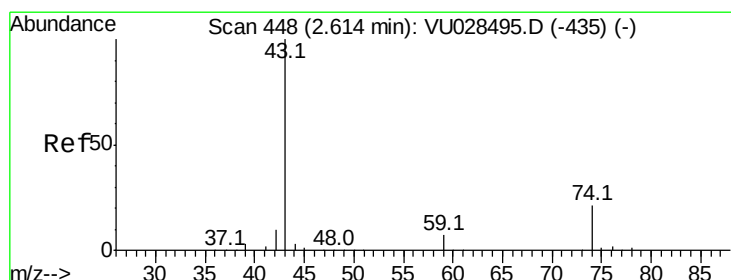
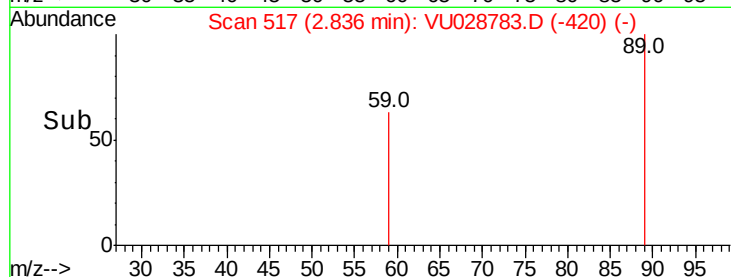
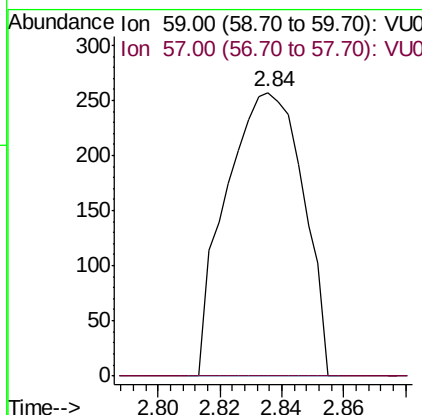
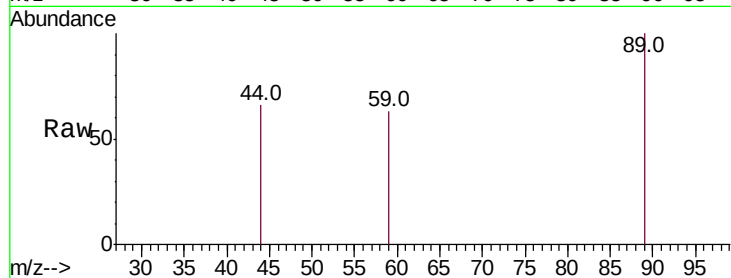


#11

Tert butyl alcohol
 Concen: 1.035 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU028783.D
 Acq: 19 Dec 2018 10:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1219WBL01

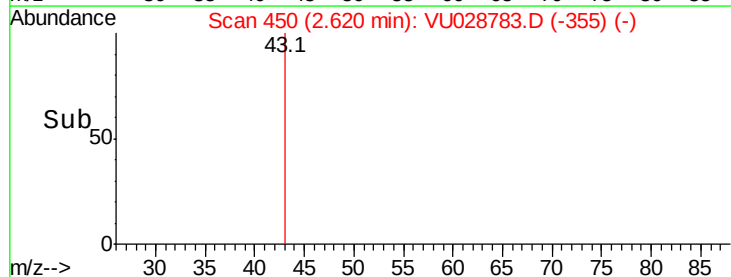
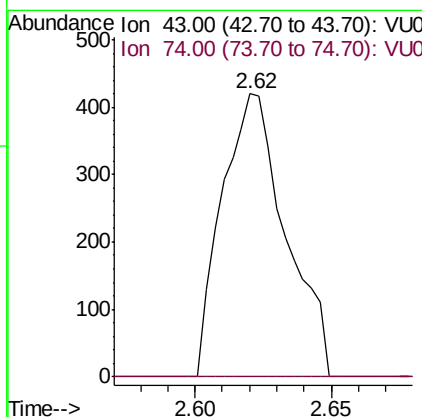
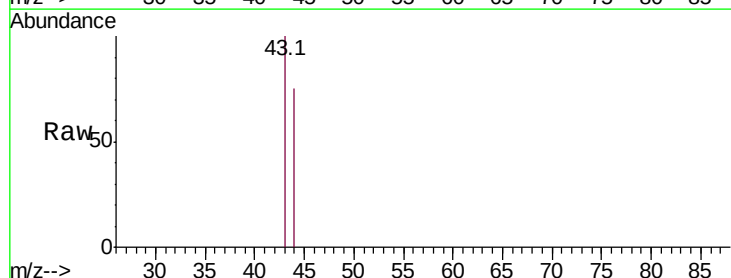
Tot Ion: 59 Resp: 442
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

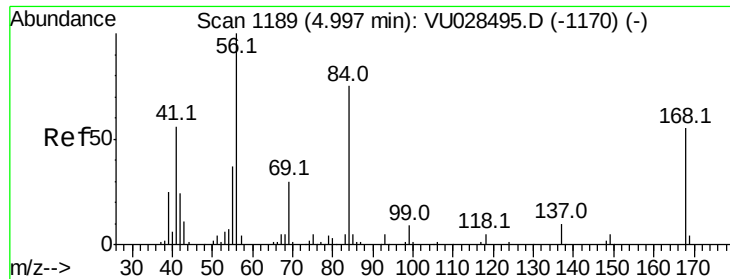


#18

Methyl Acetate
 Concen: 0.210 ug/l
 RT: 2.62 min Scan# 450
 Delta R.T. 0.01 min
 Lab File: VU028783.D
 Acq: 19 Dec 2018 10:51

Tgt Ion: 43 Resp: 681
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.4 24.6#

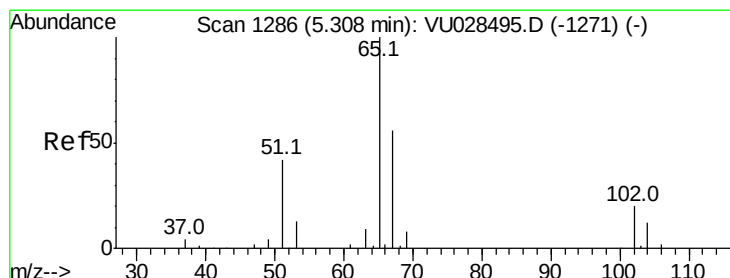
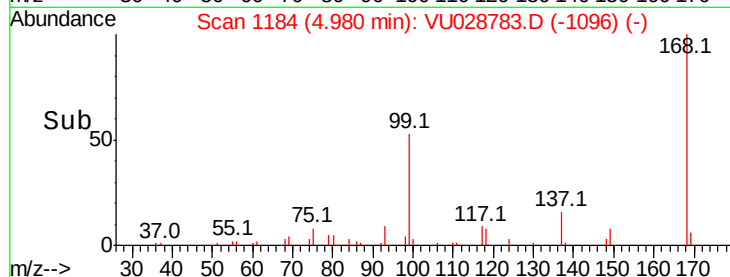
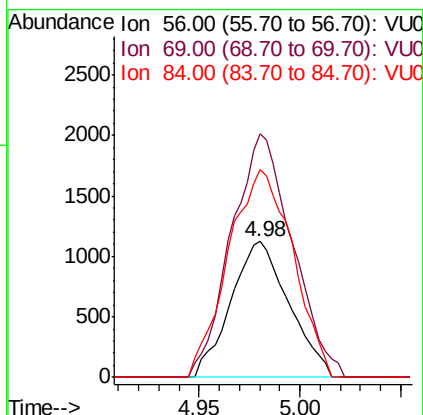
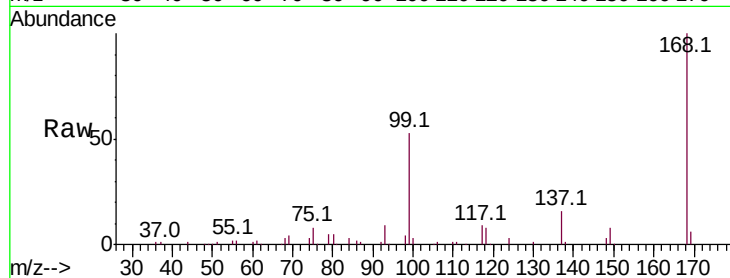




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028783.D
Acq: 19 Dec 2018 10:51

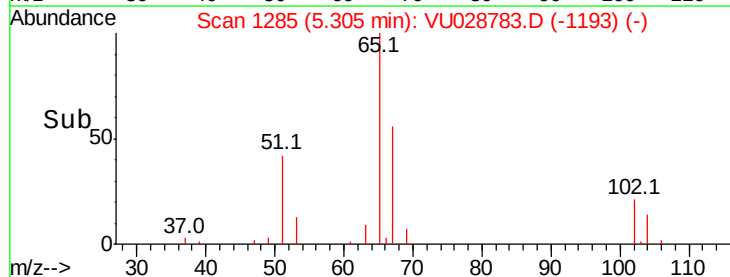
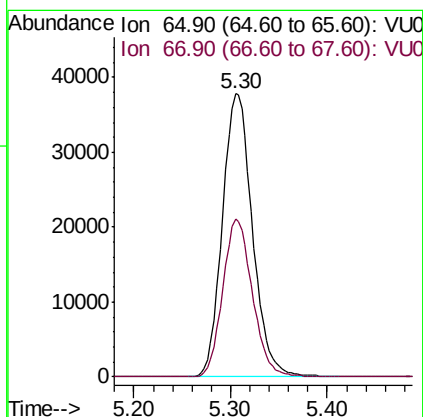
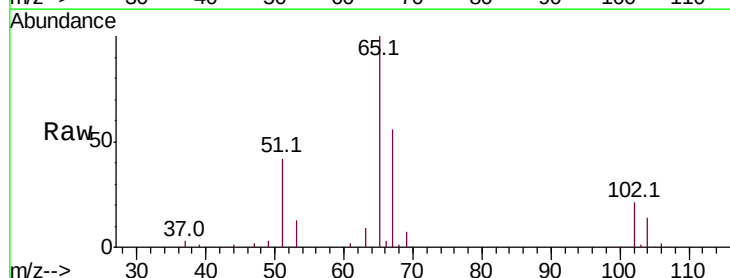
Instrument :
MSVOA_U
ClientSampleId :
VU1219WBL01

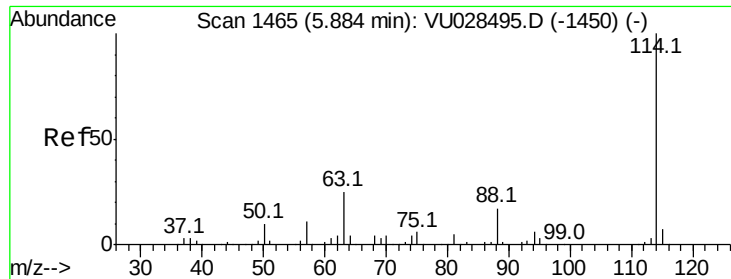
Tot Ion: 56 Resp: 2254
Ion Ratio Lower Upper
56 100
69 179.1 24.0 36.0#
84 153.2 59.7 89.5#



#33
1,2-Dichloroethane-d4
Concen: 42.667 ug/l
RT: 5.30 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU028783.D
Acq: 19 Dec 2018 10:51

Tgt Ion: 65 Resp: 81775
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.6

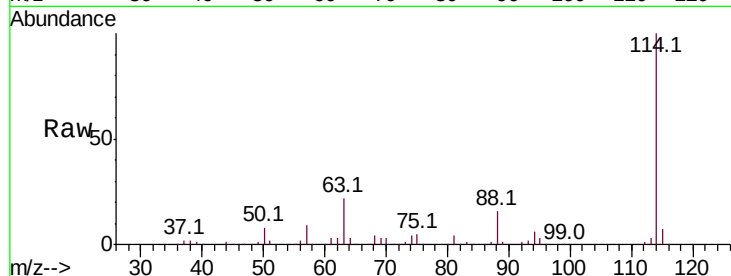




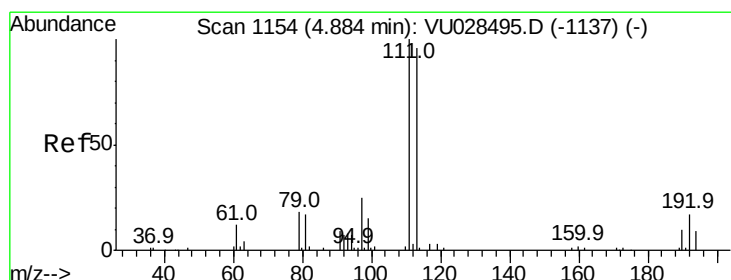
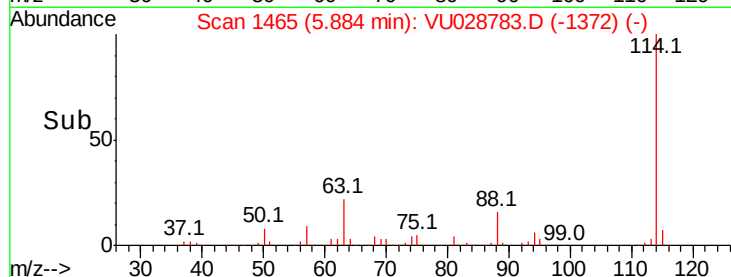
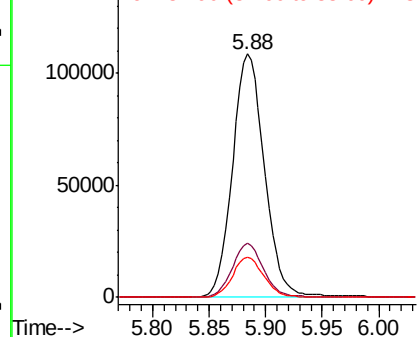
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028783.D
 Acq: 19 Dec 2018 10:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1219WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	49.2
88	16.4	0.0	33.4

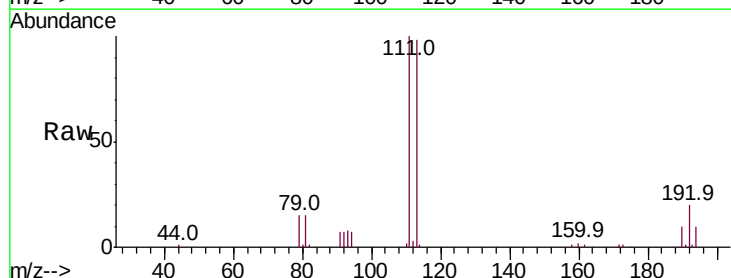


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

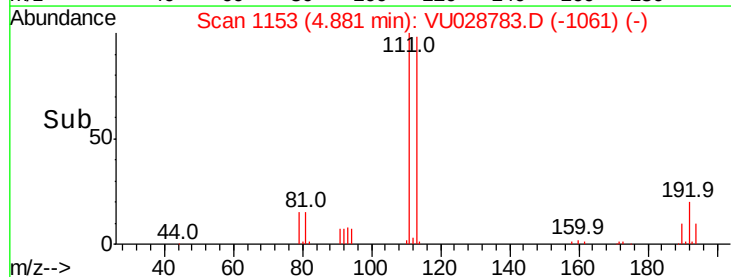
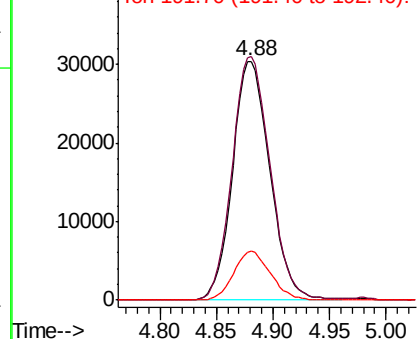


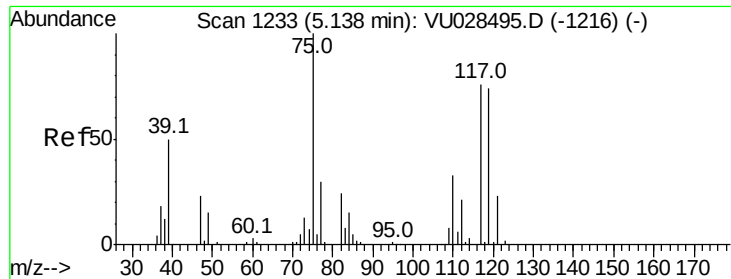
#35
 Dibromofluoromethane
 Concen: 51.944 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028783.D
 Acq: 19 Dec 2018 10:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.0
192	20.0	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

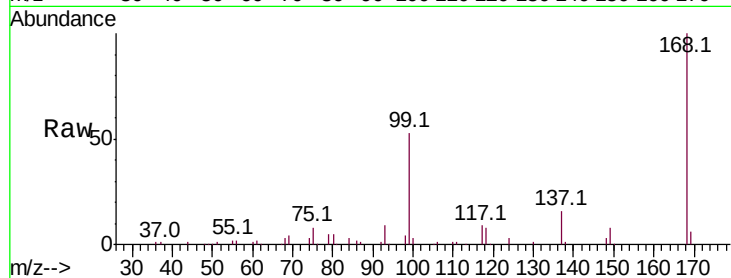




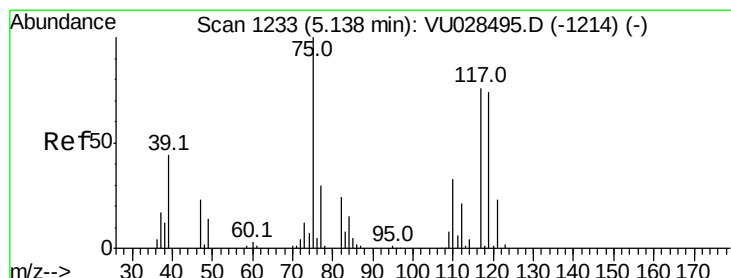
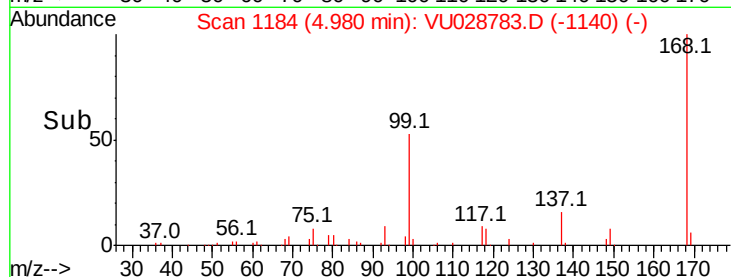
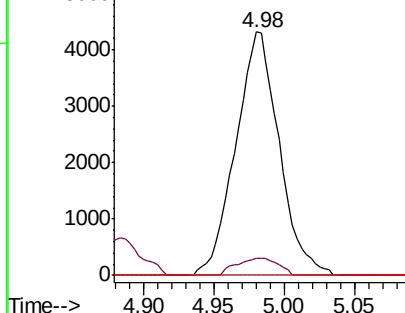
#36
 1,1-Dichloropropene
 Concen: 3.983 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028783.D
 Acq: 19 Dec 2018 10:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1219WBL01

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.7	16.1	48.2#
77	0.0	24.5	36.7#

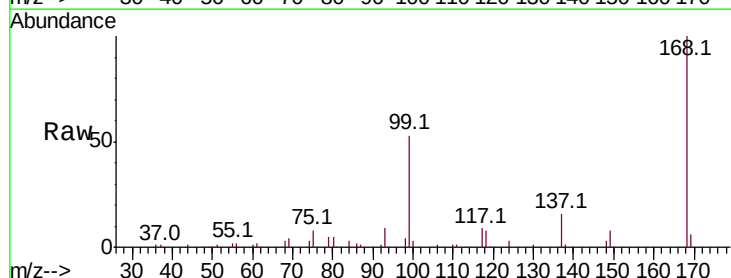


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

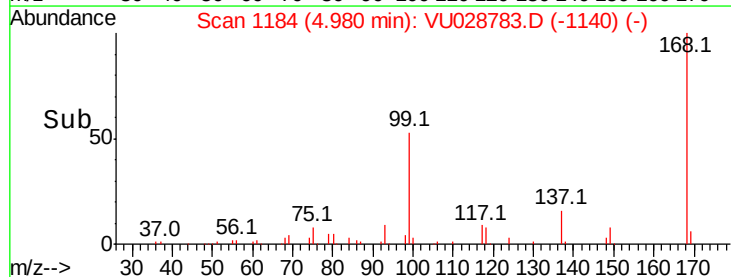
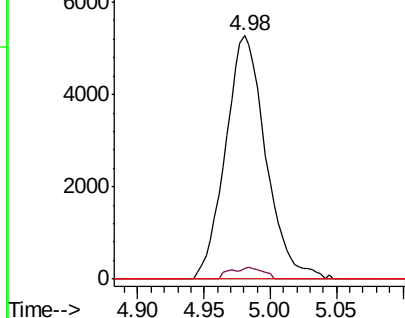


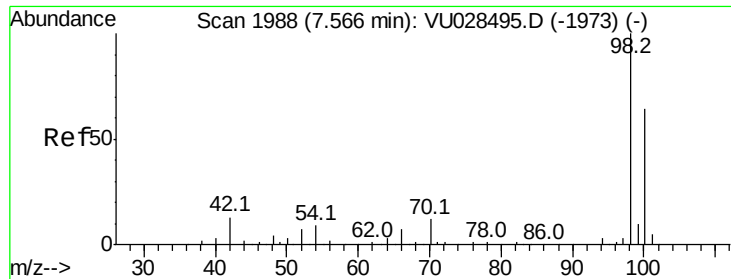
#38
 Carbon Tetrachloride
 Concen: 5.941 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028783.D
 Acq: 19 Dec 2018 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	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: 50.834 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028783.D

Acq: 19 Dec 2018 10:51

Instrument :

MSVOA_U

ClientSampleId :

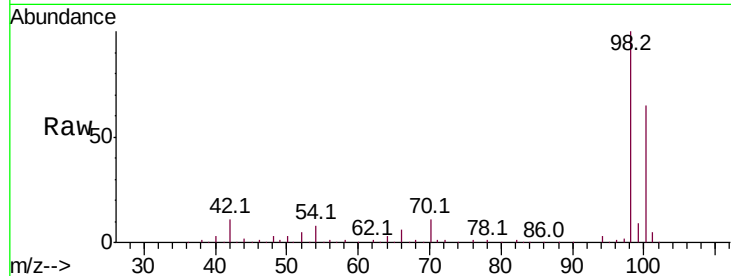
VU1219WBL01

Tot Ion: 98 Resp: 270185

Ion Ratio Lower Upper

98 100

100 64.5 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) (-)

7.56

150000

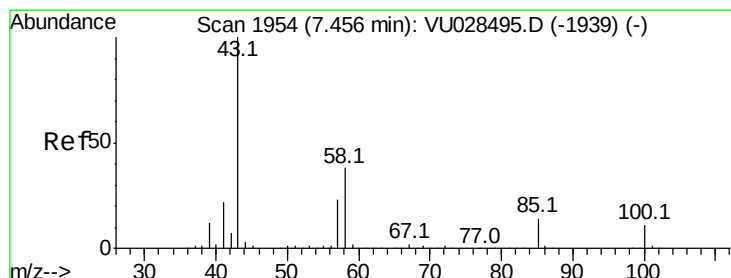
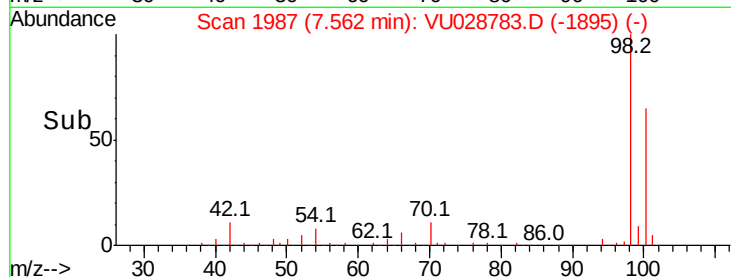
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.363 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VU028783.D

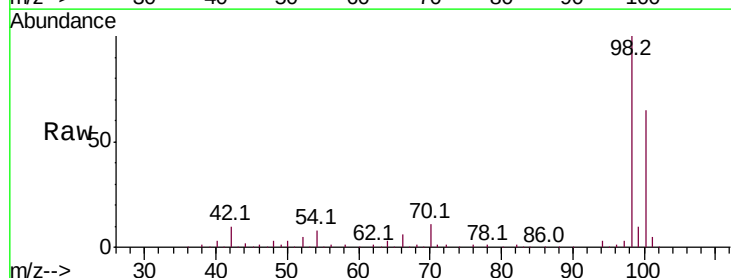
Acq: 19 Dec 2018 10:51

Tgt Ion: 43 Resp: 1095

Ion Ratio Lower Upper

43 100

58 181.6 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028783.D (-1861) (-)

Ion 58.00 (57.70 to 58.70): VU028783.D (-1861) (-)

1500

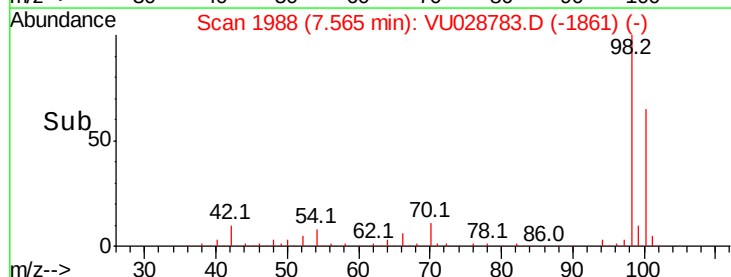
1000

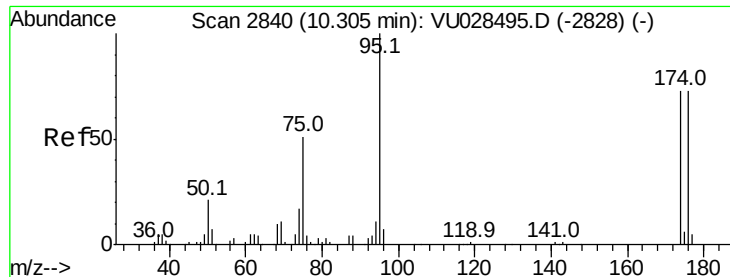
500

0

7.55 7.57 7.59 7.61

Time-->





#62

4-Bromofluorobenzene

Concen: 43.247 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028783.D

Acq: 19 Dec 2018 10:51

Instrument :

MSVOA_U

ClientSampleId :

VU1219WBL01

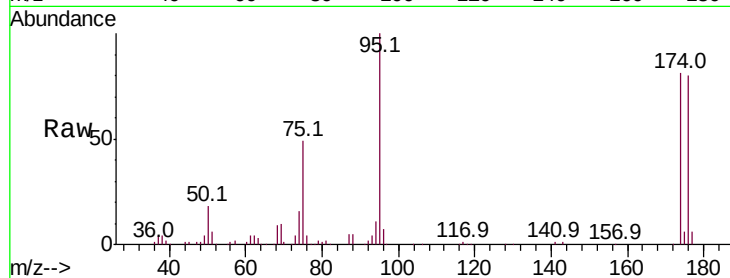
Tot Ion: 95 Resp: 85913

Ion Ratio Lower Upper

95 100

174 83.0 0.0 150.4

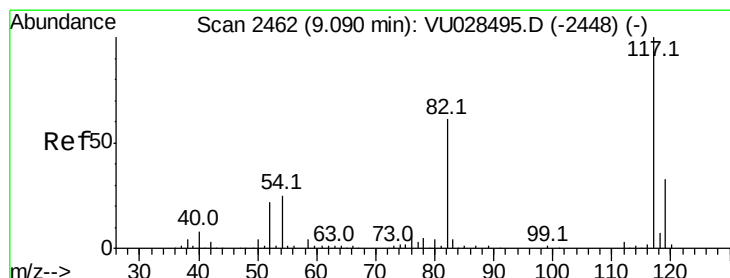
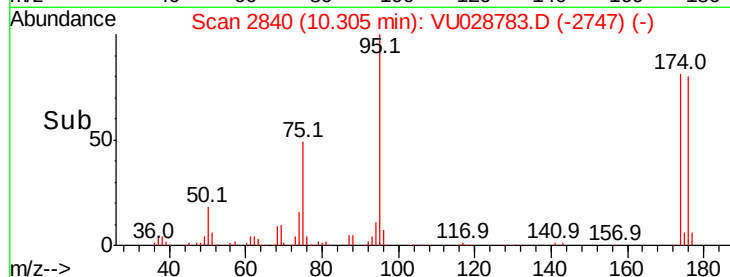
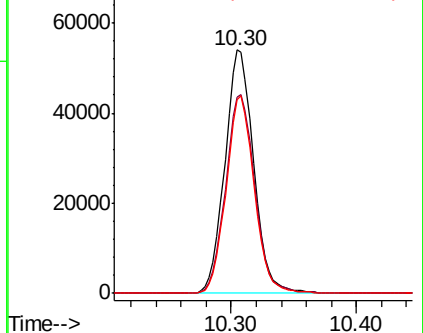
176 79.4 0.0 145.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU028783.D

Acq: 19 Dec 2018 10:51

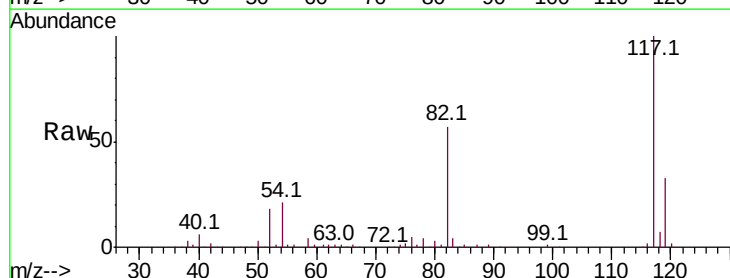
Tgt Ion: 117 Resp: 192553

Ion Ratio Lower Upper

117 100

82 56.6 48.9 73.3

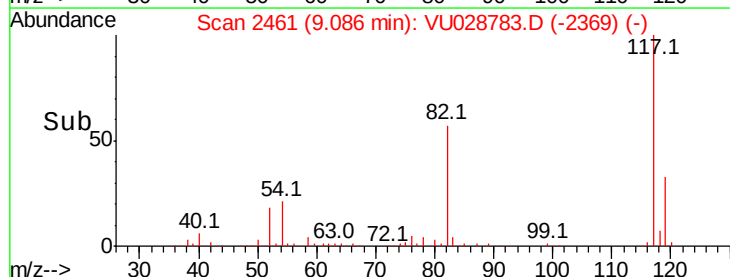
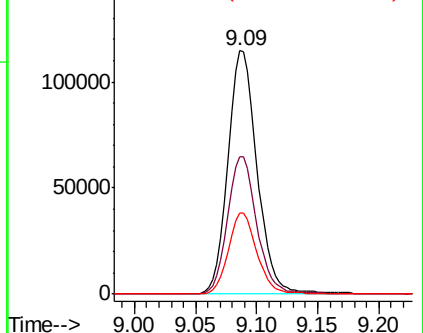
119 33.1 26.2 39.4

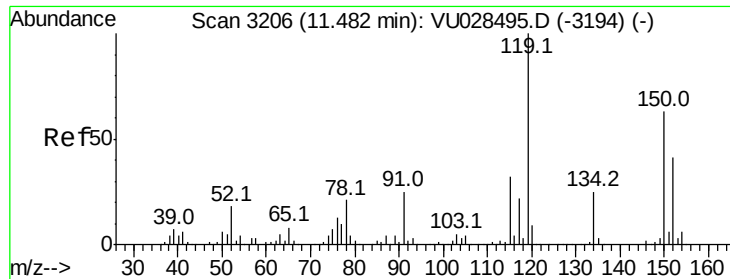


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

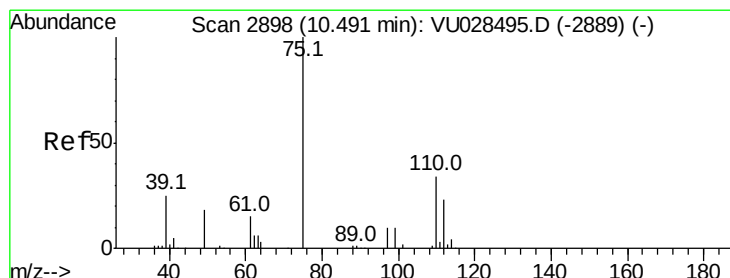
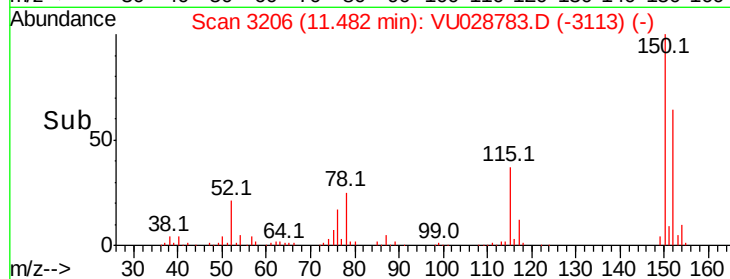
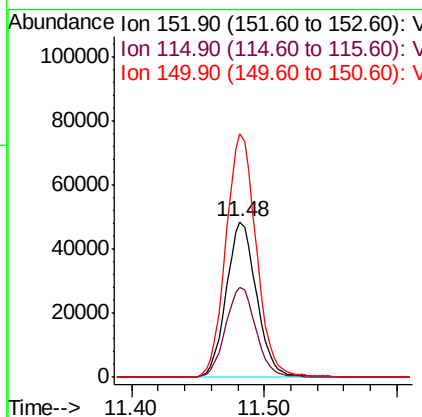
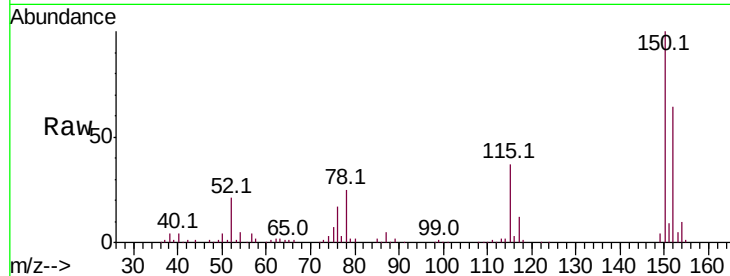




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028783.D
 Acq: 19 Dec 2018 10:51

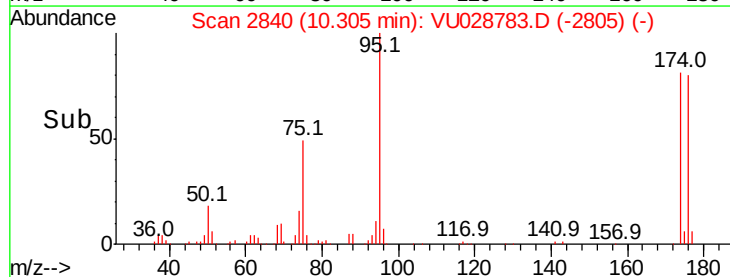
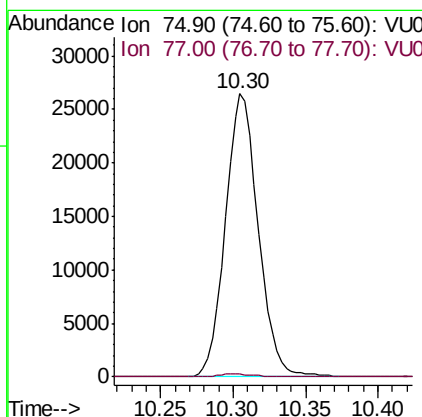
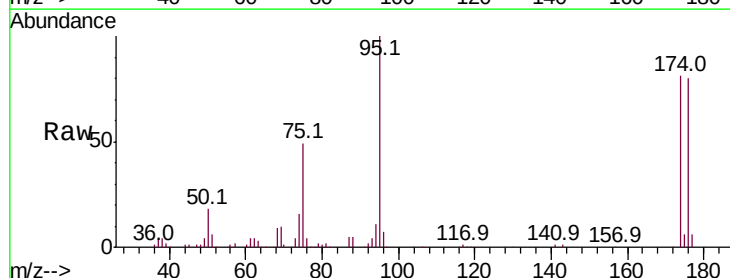
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1219WBL01

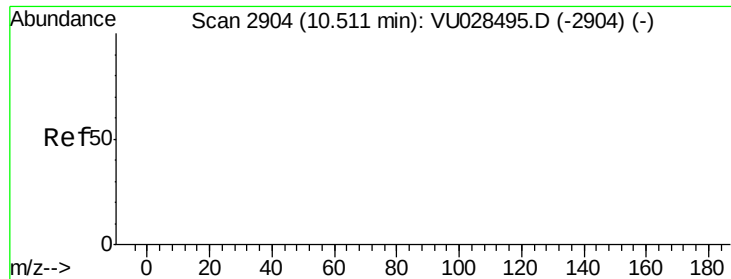
Tot Ion:152 Resp: 77052
 Ion Ratio Lower Upper
 152 100
 115 58.0 42.7 128.1
 150 157.3 0.0 346.0



#76
 1,2,3-Trichloropropane
 Concen: 21.113 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028783.D
 Acq: 19 Dec 2018 10:51

Tgt Ion: 75 Resp: 41541
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.8 62.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 51.890 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028783.D

Acq: 19 Dec 2018 10:51

Instrument :

MSVOA_U

ClientSampleId :

VU1219WBL01

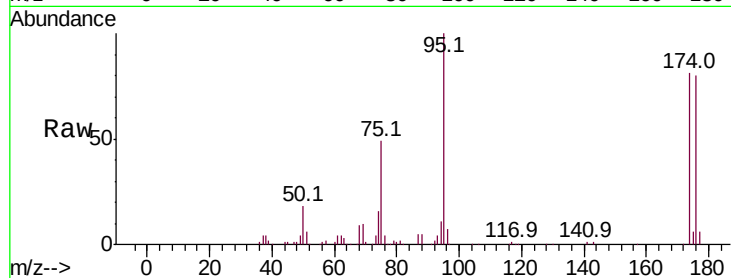
Tot Ion: 75 Resp: 41541

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

