

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012320\
 Data File : VU036536.D
 Acq On : 23 Jan 2020 13:04
 Operator : JC/MD
 Sample : L1134-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:51:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

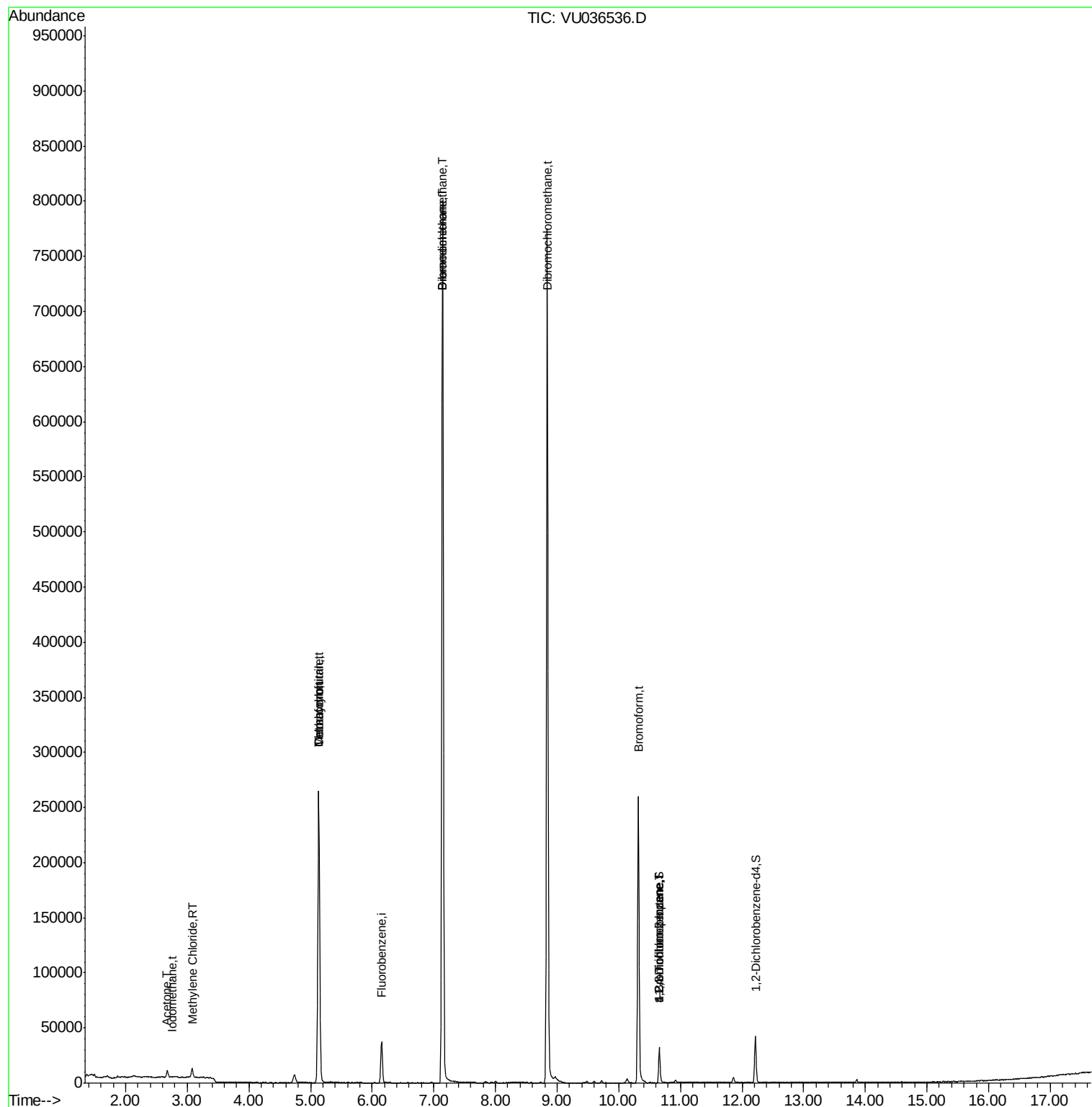
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	36217	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	12649	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	13102	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						Ovalue
10) Iodomethane	2.75	142	130	0.649	ug/l #	63
13) Acetone	2.67	43	3018	0.536	ug/l	88
15) Methylene Chloride	3.08	84	4236	0.338	ug/l	98
27) Chloroform	5.13	83	236302	13.954	ug/l	100
39) Methacrylonitrile	5.13	41	755	0.249	ug/l #	19
41) Tetrahydrofuran	5.14	42	748	0.452	ug/l #	1
43) Dibromomethane	7.14	93	15632	2.968	ug/l #	4
44) Bromodichloromethane	7.14	83	529755	42.526	ug/l	100
46) t-1,4-Dichloro-2-butene	10.65	75	6092	2.331	ug/l #	30
55) Dibromochloromethane	8.84	129	417619	48.545	ug/l	100
67) Bromoform	10.32	173	127226	25.830	ug/l	100
71) 1,2,3-Trichloropropane	10.65	75	6092	0.906	ug/l #	30
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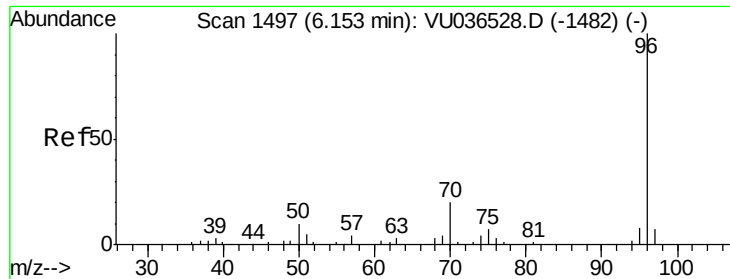
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 36217

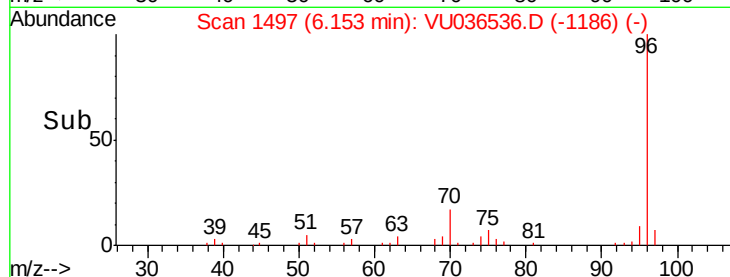
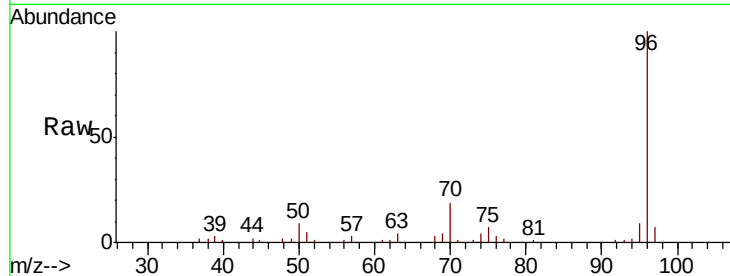
Ion Ratio Lower Upper

96 100

70 18.6 15.6 23.4

95 8.7 7.0 10.6

97 6.6 0.0 0.0#

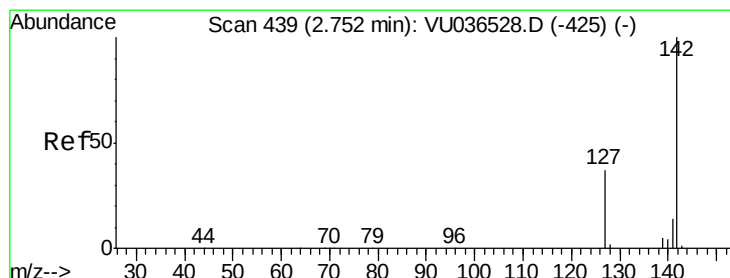
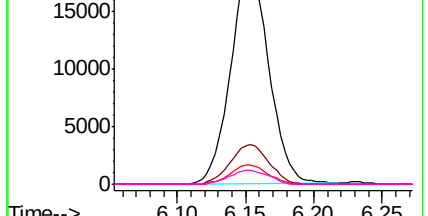


Abundance Ion 96.00 (95.70 to 96.70): VU036528.D (-1482) (-)

Ion 70.00 (69.70 to 70.70): VU036528.D (-1482) (-)

Ion 95.00 (94.70 to 95.70): VU036528.D (-1482) (-)

Ion 97.00 (96.70 to 97.70): VU036528.D (-1482) (-)



#10

Iodomethane

Concen: 0.649 ug/l

RT: 2.75 min Scan# 440

Delta R.T. 0.00 min

Lab File: VU036536.D

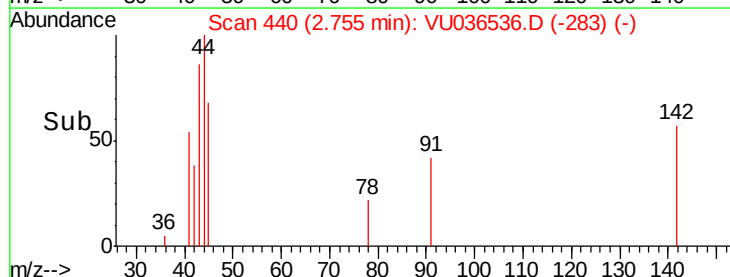
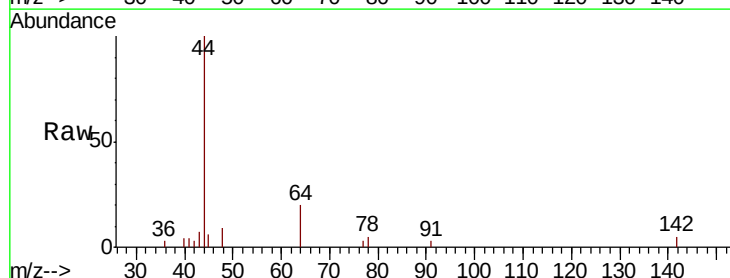
Acq: 23 Jan 2020 13:04

Tgt Ion:142 Resp: 130

Ion Ratio Lower Upper

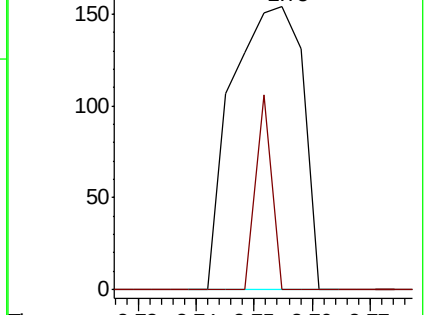
142 100

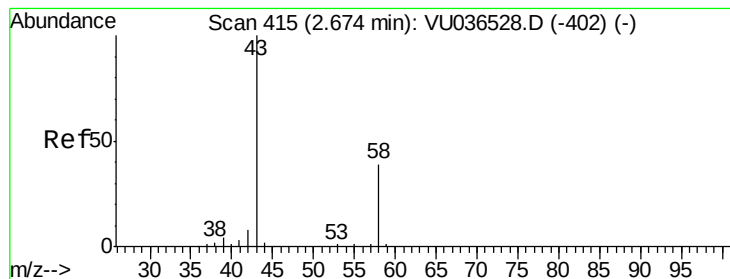
127 15.4 30.3 45.5#



Abundance Ion 142.00 (141.70 to 142.70): VU036528.D (-425) (-)

Ion 127.00 (126.70 to 127.70): VU036528.D (-425) (-)





#13

Acetone

Concen: 0.536 ug/l

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

Instrument :

MSVOA_U

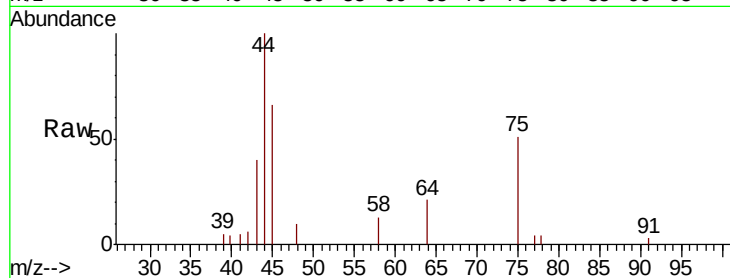
ClientSampleId :

Tot Ion: 43 Resp: 3018

Ion Ratio Lower Upper

43 100

58 31.3 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VU036528.D (-402) (-)

Ion 58.00 (57.70 to 58.70): VU036528.D (-402) (-)

2.67

1500

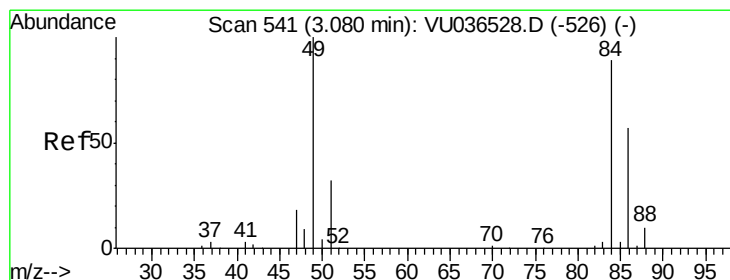
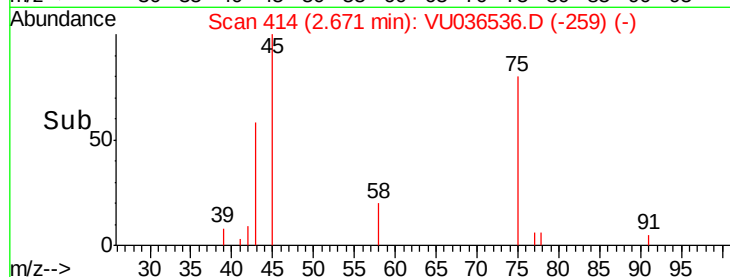
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#15

Methylene Chloride

Concen: 0.338 ug/l

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

Tgt Ion: 84 Resp: 4236

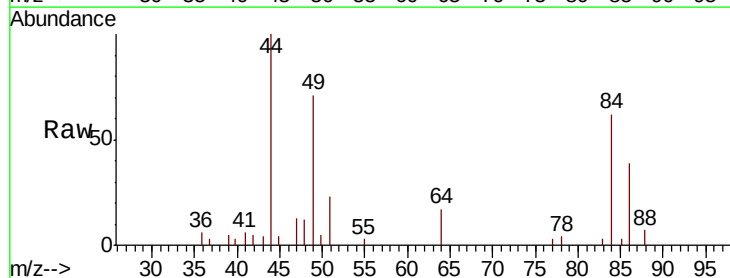
Ion Ratio Lower Upper

84 100

49 115.2 89.7 134.5

51 37.1 0.0 71.6

86 63.6 51.4 77.2



Abundance Ion 84.00 (83.70 to 84.70): VU036528.D (-526) (-)

Ion 49.00 (48.70 to 49.70): VU036528.D (-526) (-)

Ion 51.00 (50.70 to 51.70): VU036528.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU036528.D (-526) (-)

3.08

3000

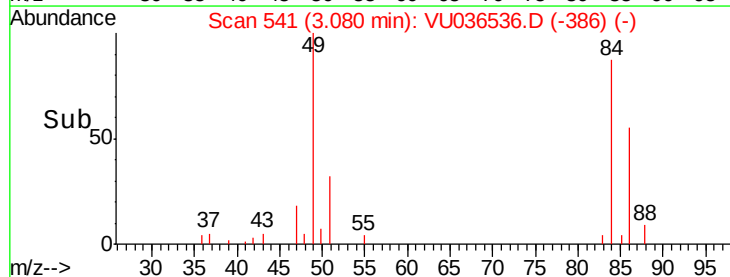
2000

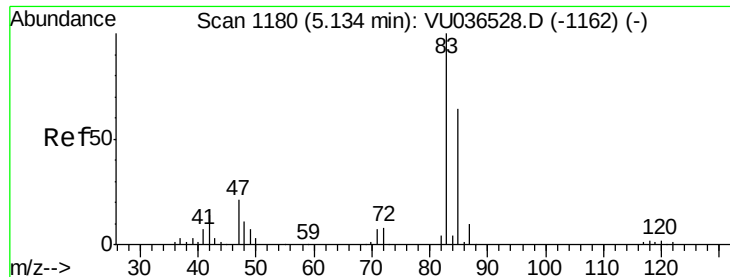
1000

0

3.05 3.10

Time-->

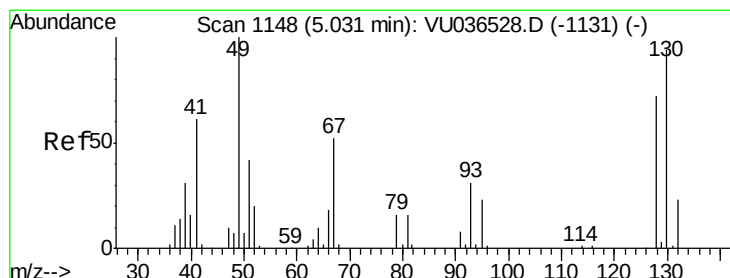
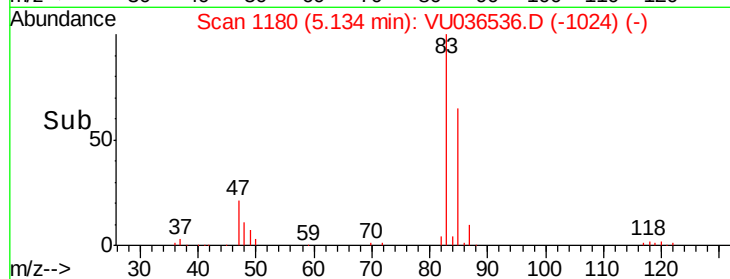
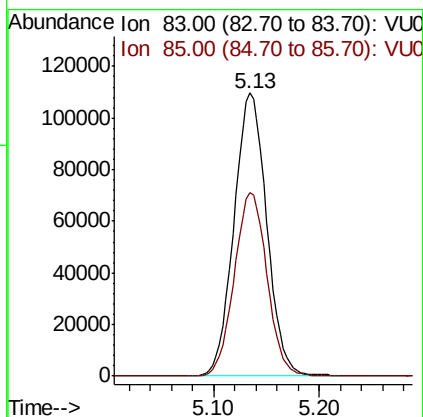
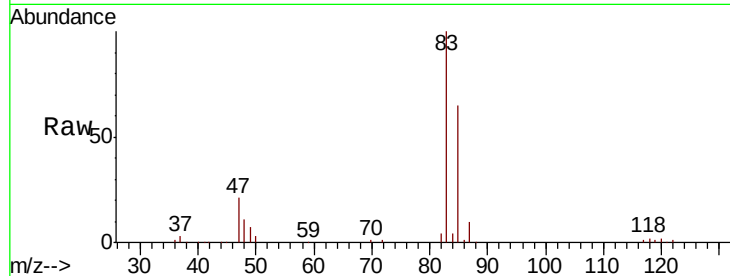




#27
Chloroform
Concen: 13.954 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036536.D
Acq: 23 Jan 2020 13:04

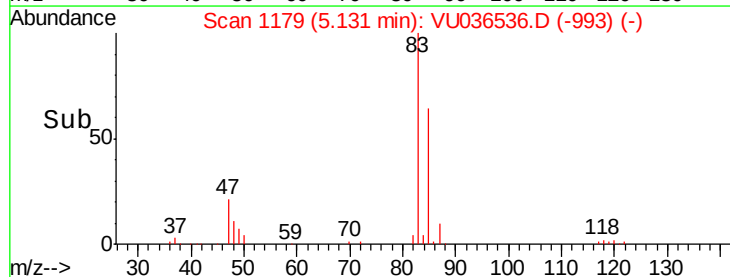
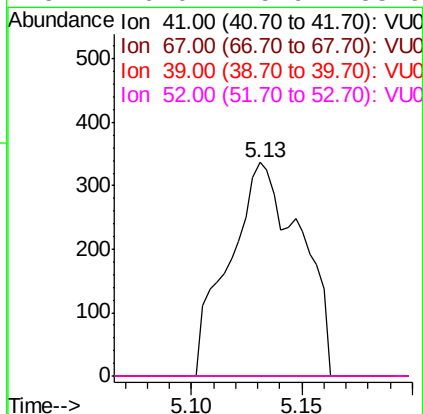
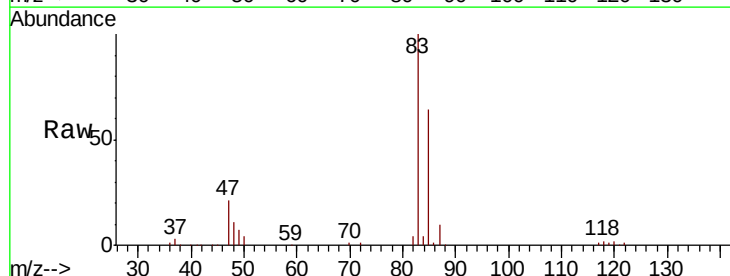
Instrument :
MSVOA_U
ClientSampleId :

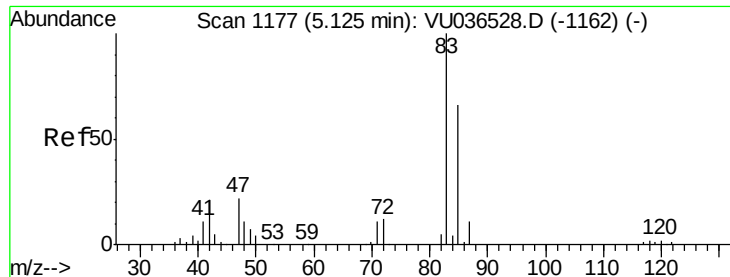
Tot Ion: 83 Resp: 236302
Ion Ratio Lower Upper
83 100
85 64.7 0.0 129.0



#39
Methacrylonitrile
Concen: 0.249 ug/l
RT: 5.13 min Scan# 1179
Delta R.T. 0.10 min
Lab File: VU036536.D
Acq: 23 Jan 2020 13:04

Tgt Ion: 41 Resp: 755
Ion Ratio Lower Upper
41 100
67 0.0 69.6 104.4#
39 0.0 41.6 62.4#
52 0.0 25.9 38.9#





#41

Tetrahydrofuran

Concen: 0.452 ug/l

RT: 5.14 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampled :

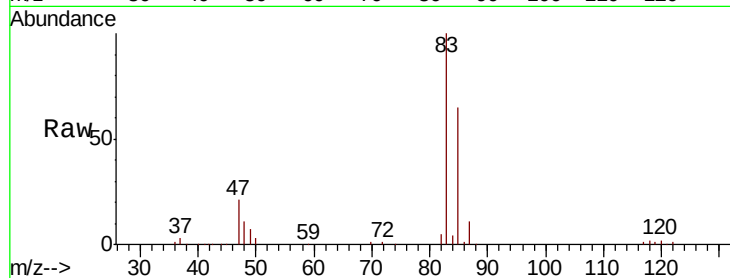
Tot Ion: 42 Resp: 748

Ion Ratio Lower Upper

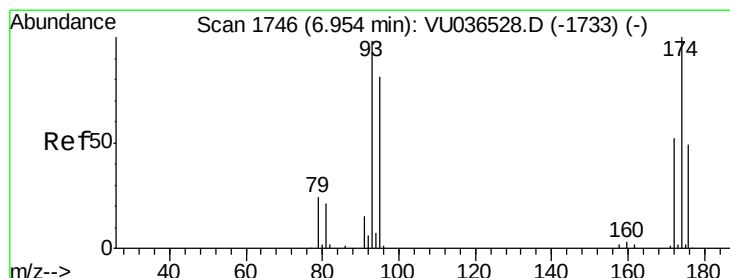
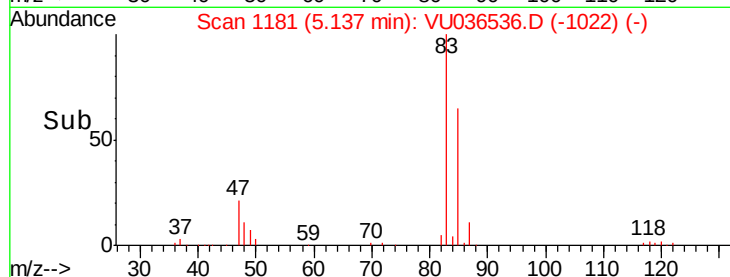
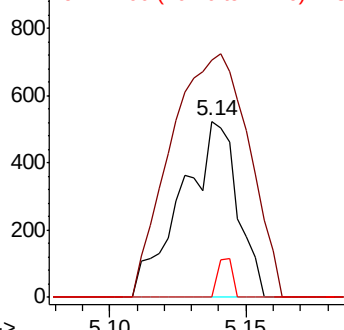
42 100

72 192.8 42.5 63.7#

71 5.9 37.3 55.9#



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



#43

Dibromomethane

Concen: 2.968 ug/l

RT: 7.14 min Scan# 1805

Delta R.T. 0.19 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

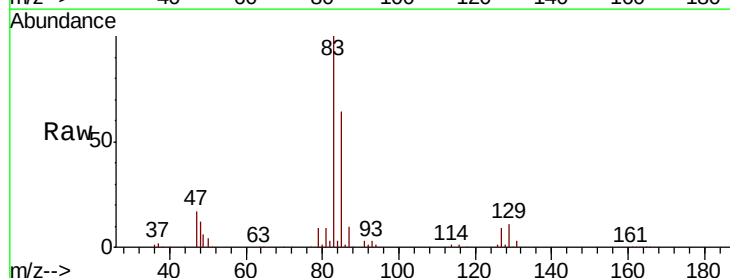
Tgt Ion: 93 Resp: 15632

Ion Ratio Lower Upper

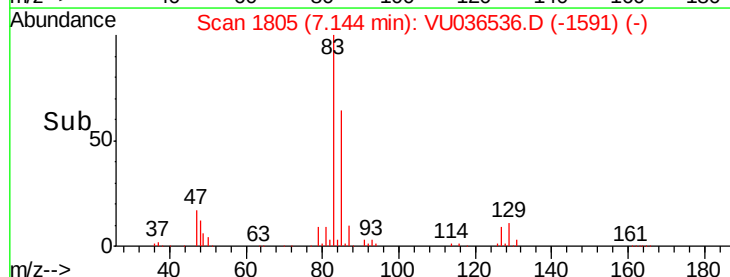
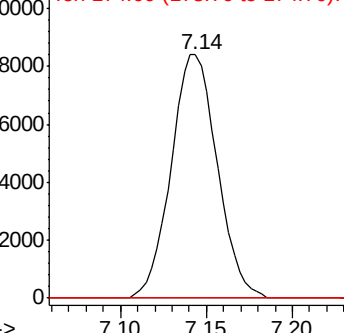
93 100

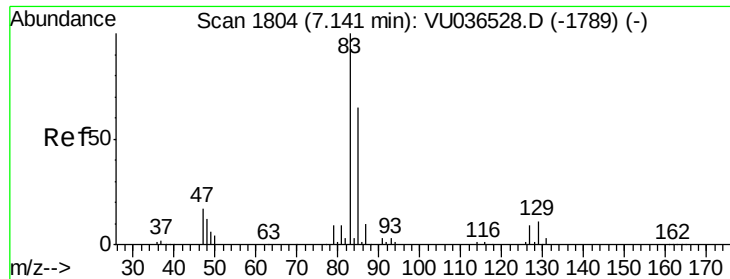
95 1.3 67.9 101.9#

174 2.0 83.4 125.0#



Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V





#44

Bromodichloromethane

Concen: 42.526 ug/l

RT: 7.14 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

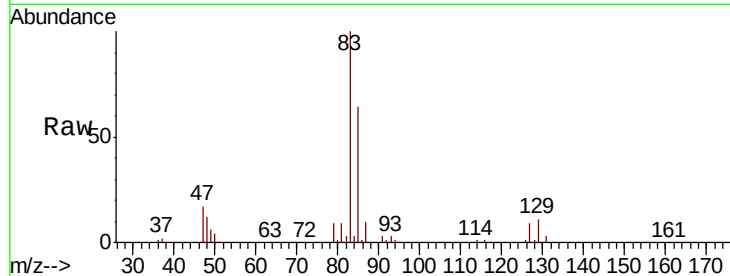
Tot Ion: 83 Resp: 529755

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

127 8.5 6.8 10.2

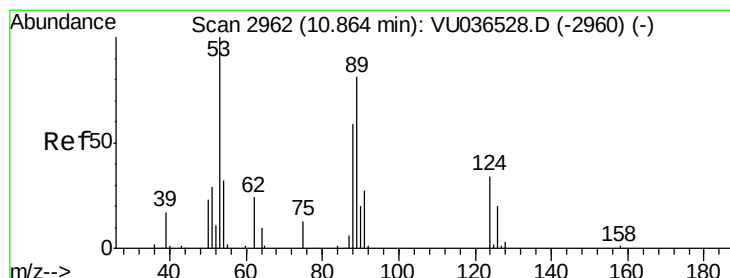
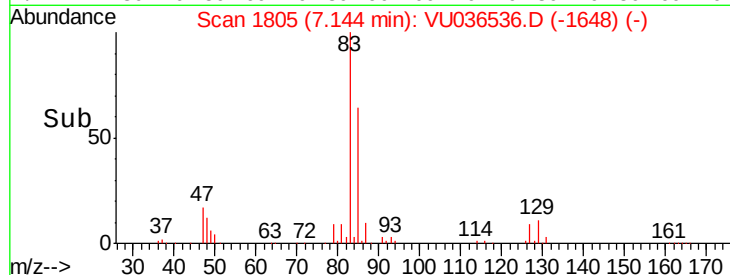
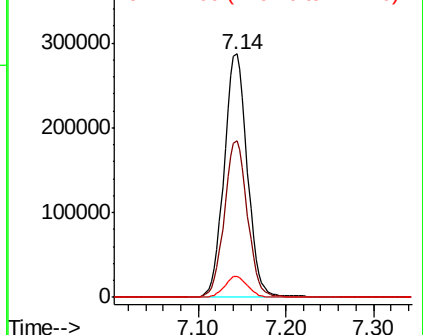


Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V



#46

t-1,4-Dichloro-2-butene

Concen: 2.331 ug/l

RT: 10.65 min Scan# 2897

Delta R.T. -0.21 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

Tgt Ion: 75 Resp: 6092

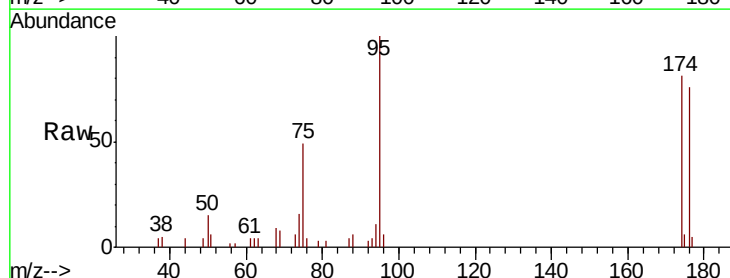
Ion Ratio Lower Upper

75 100

53 0.0 52.2 78.2#

89 0.0 39.8 59.6#

88 8.6 27.4 41.2#



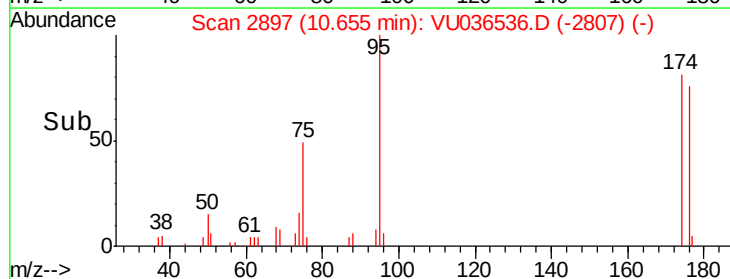
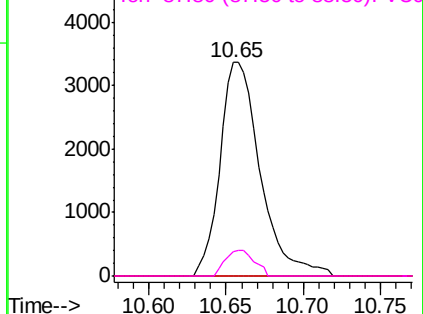
Abundance

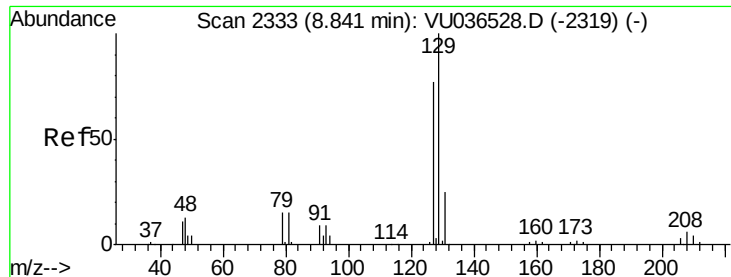
Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0

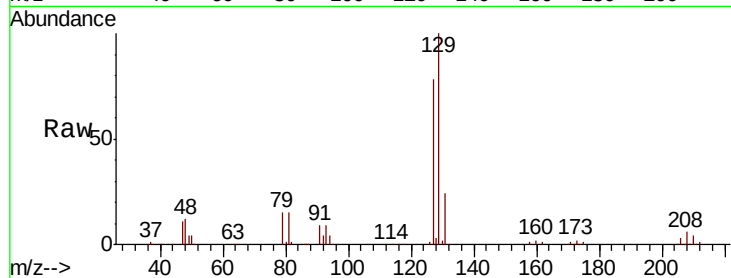




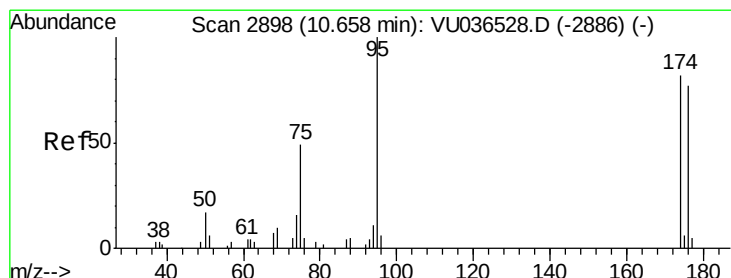
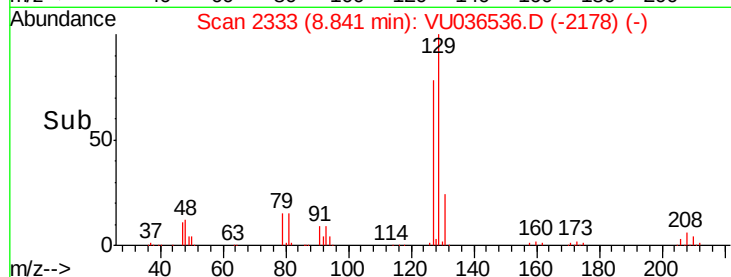
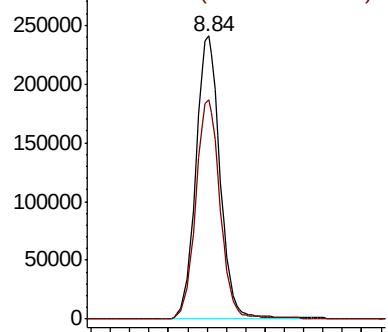
#55
 Dibromochloromethane
 Concen: 48.545 ug/l
 RT: 8.84 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: VU036536.D
 Acq: 23 Jan 2020 13:04

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 417619
 Ion Ratio Lower Upper
 129 100
 127 78.4 62.6 94.0

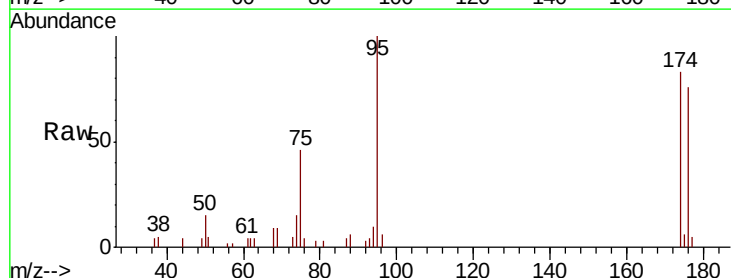


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

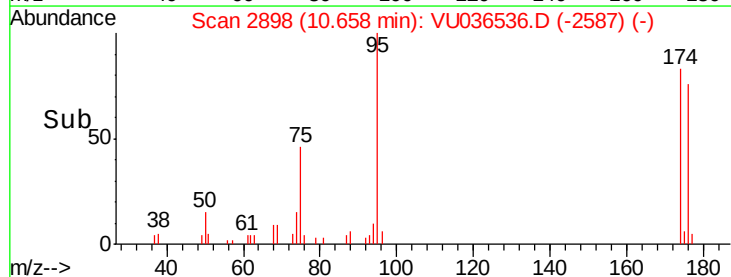
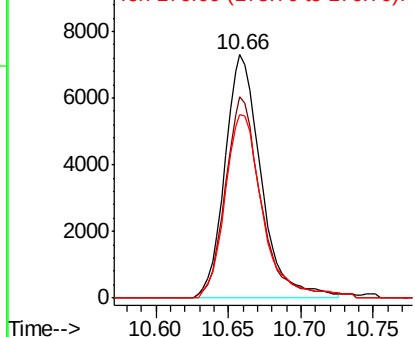


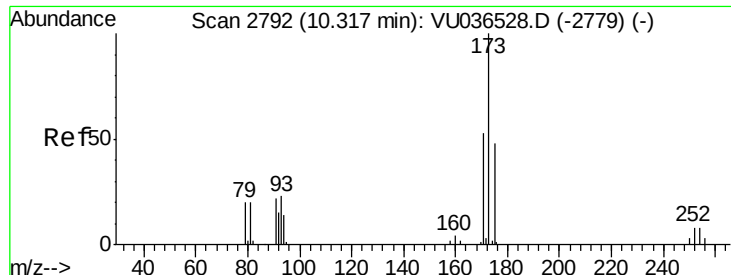
#57
 4-Bromofluorobenzene
 Concen: 0.925 ug/l
 RT: 10.66 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU036536.D
 Acq: 23 Jan 2020 13:04

Tgt Ion: 95 Resp: 12649
 Ion Ratio Lower Upper
 95 100
 174 82.0 64.7 97.1
 176 77.1 60.6 91.0



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V

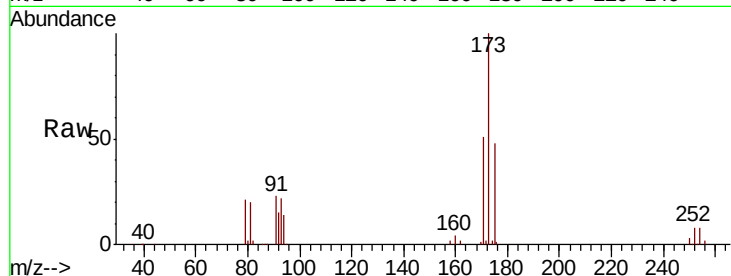




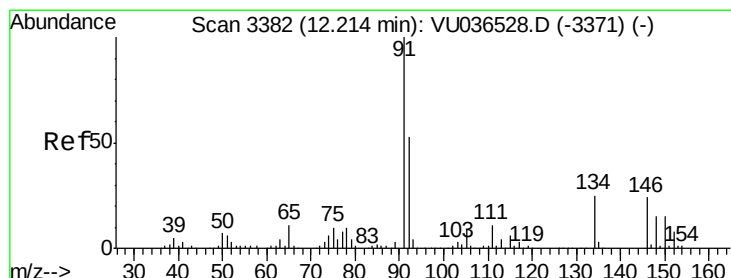
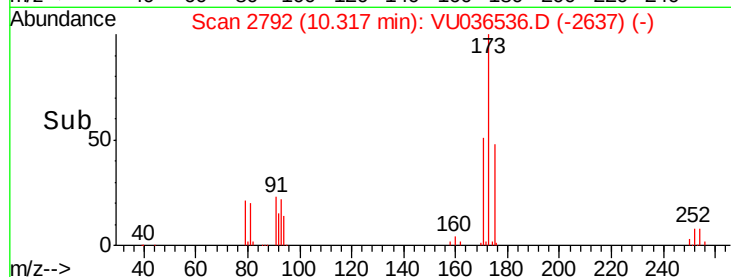
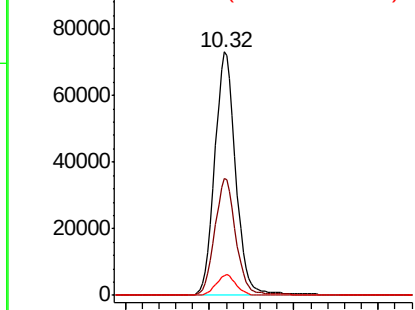
#67
Bromoform
Concen: 25.830 ug/l
RT: 10.32 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VU036536.D
Acq: 23 Jan 2020 13:04

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:173 Resp: 127226
Ion Ratio Lower Upper
173 100
175 47.9 38.3 57.5
254 8.1 6.6 9.8

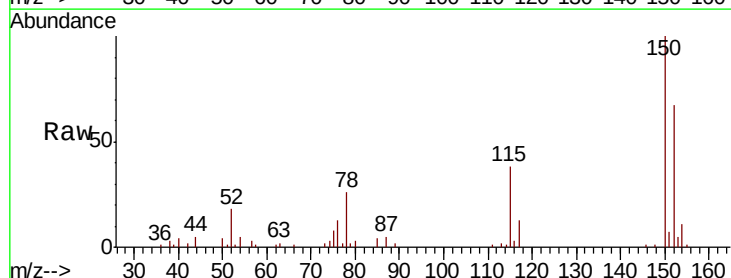


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

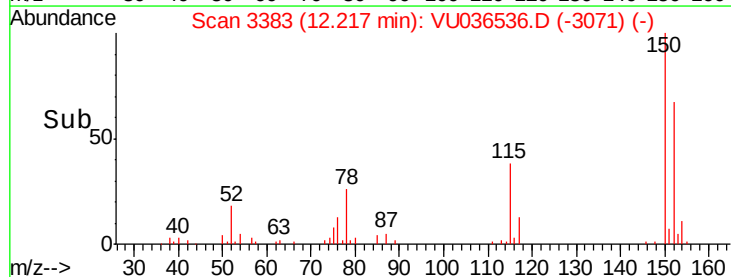
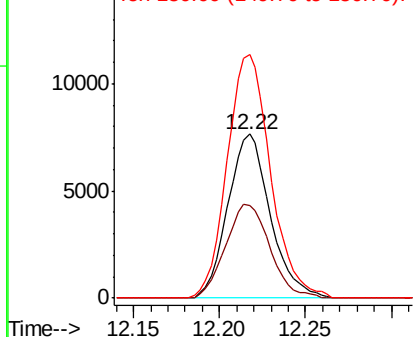


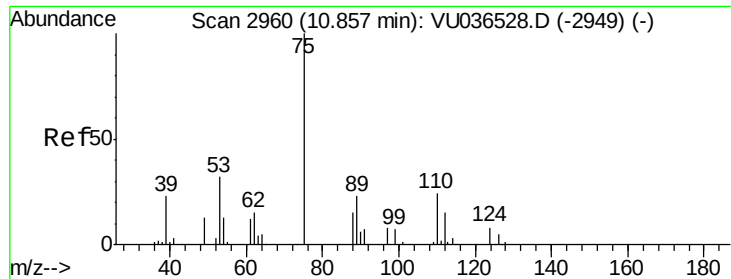
#68
1,2-Dichlorobenzene-d4
Concen: 0.936 ug/l
RT: 12.22 min Scan# 3383
Delta R.T. 0.00 min
Lab File: VU036536.D
Acq: 23 Jan 2020 13:04

Tgt Ion:152 Resp: 13102
Ion Ratio Lower Upper
152 100
115 59.6 0.0 241.8
150 151.8 0.0 652.4



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#71

1,2,3-Trichloropropane

Concen: 0.906 ug/l

RT: 10.65 min Scan# 2897

Delta R.T. -0.20 min

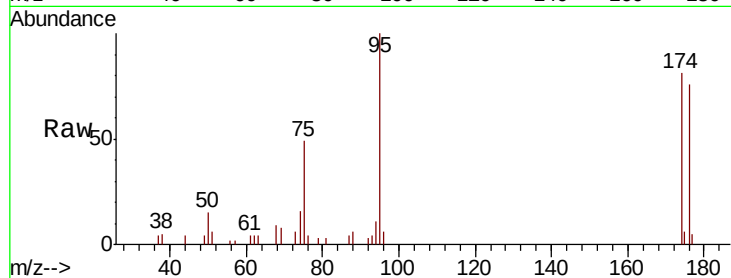
Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :



Tot Ion: 75 Resp: 6092

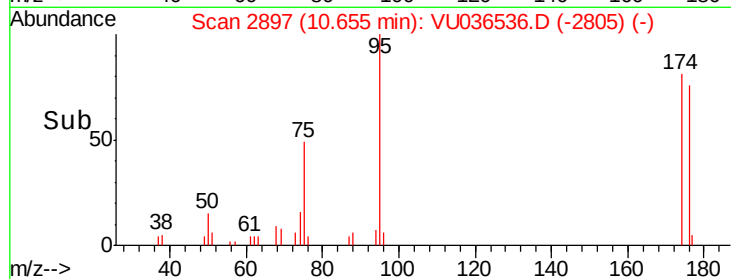
Ion Ratio Lower Upper

75 100

77 0.0 0.0 129.6

110 0.0 0.0 77.4

97 0.0 0.0 42.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0

