

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040458.D
 Acq On : 02 Oct 2020 14:10
 Operator : SY/MD
 Sample : L4209-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLWS7

Quant Time: Oct 03 00:17:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122533	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55317	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	77	0.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.20%#
7) Chloroethane-d5	1.92	69	24958	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.58	63	37811	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	4.66	46	120116	39.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.72%
24) Chloroform-d	5.08	84	63242	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	40078	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.74	84	120309	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.70	67	40141	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	81081	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	8.19	79	14606	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.64	63	80575	37.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35010	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	40066	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

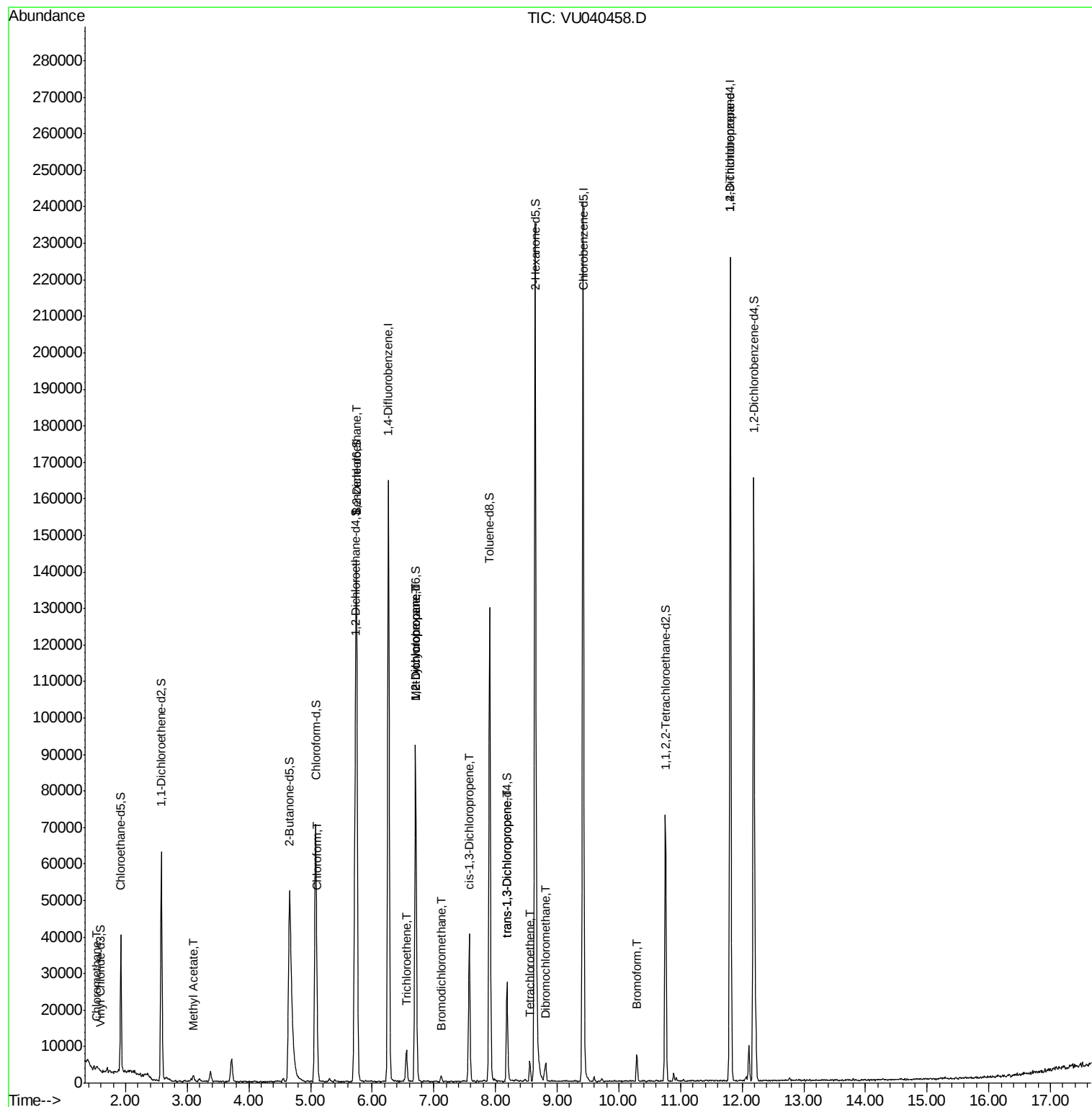
					Ovalue
3) Chloromethane	1.53	50	648	0.054	ug/L # 76
15) Methyl Acetate	3.09	43	1366	0.226	ug/L # 56
25) Chloroform	5.11	83	3210	0.159	ug/L 91
27) 1,2-Dichloroethane	5.74	62	760	0.054	ug/L # 74
34) Trichloroethene	6.56	95	3057	0.280	ug/L 93
35) Methylcyclohexane	6.70	83	9472	0.591	ug/L # 13
37) 1,2-Dichloropropane	6.70	63	4553	0.397	ug/L # 88
38) Bromodichloromethane	7.12	83	1252	0.088	ug/L # 87
39) cis-1,3-Dichloropropene	7.57	75	1133	0.074	ug/L # 77
44) trans-1,3-Dichloropropene	8.19	75	788	0.056	ug/L # 71
47) Tetrachloroethene	8.55	164	1183	0.152	ug/L # 75
49) Dibromochloromethane	8.82	129	2481	0.265	ug/L 91
59) 1,2,3-Trichloropropane	11.81	75	7750	0.932	ug/L 96
61) Bromoform	10.29	173	3061	0.670	ug/L # 96

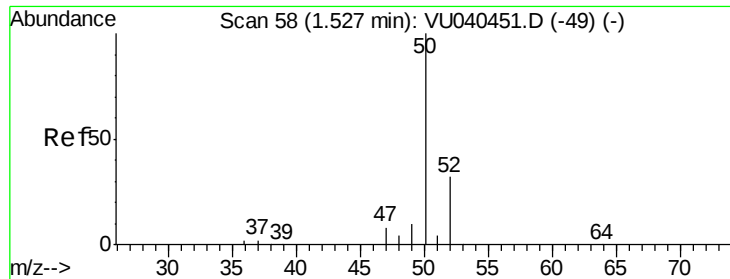
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.054 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040458.D

Acq: 02 Oct 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

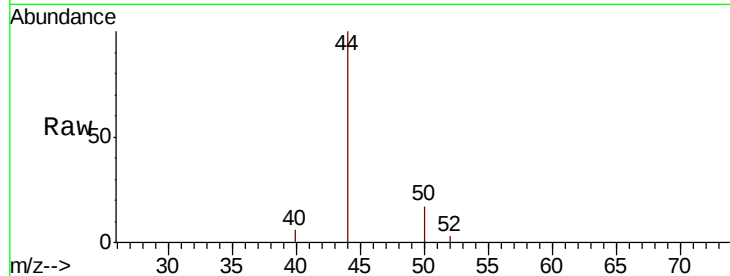
JLWS7

Tot Ion: 50 Resp: 648

Ion Ratio Lower Upper

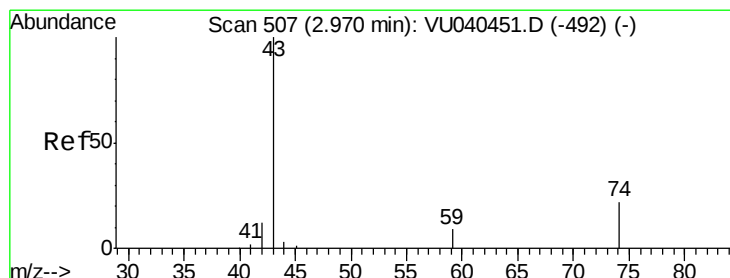
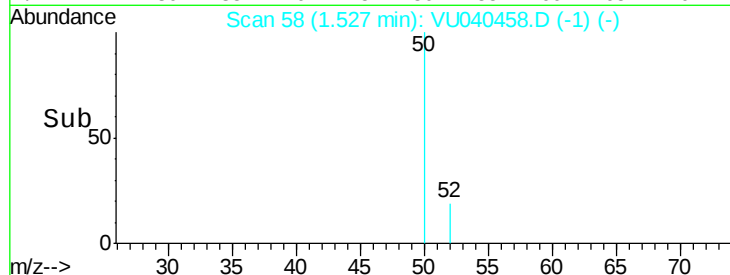
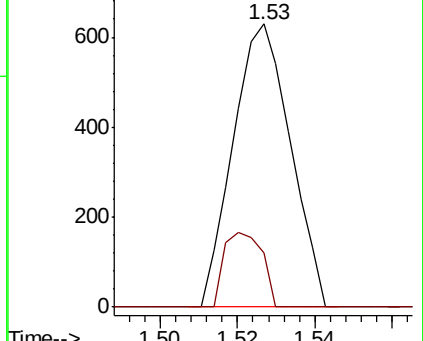
50 100

52 19.1 23.0 42.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#15

Methyl Acetate

Concen: 0.226 ug/L

RT: 3.09 min Scan# 545

Delta R.T. 0.12 min

Lab File: VU040458.D

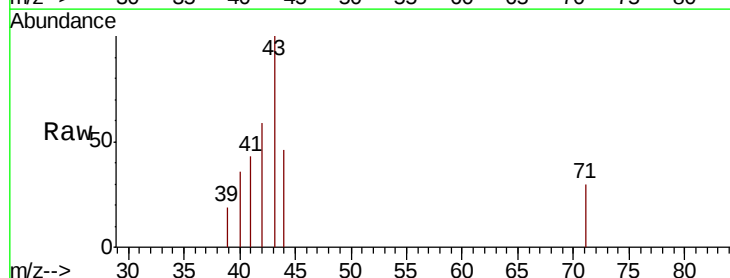
Acq: 02 Oct 2020 14:10

Tgt Ion: 43 Resp: 1366

Ion Ratio Lower Upper

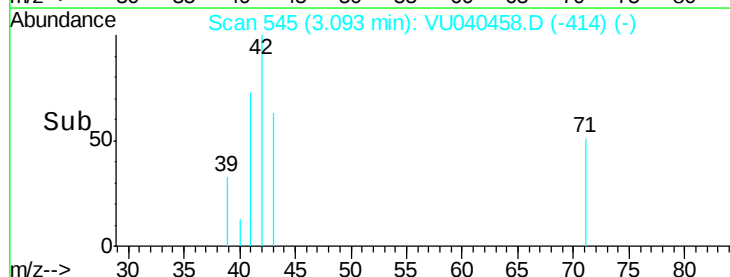
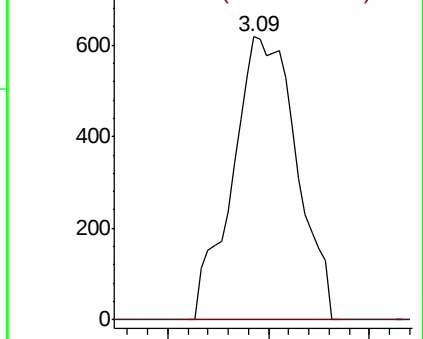
43 100

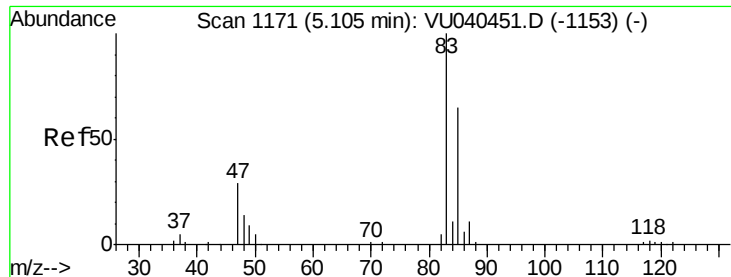
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

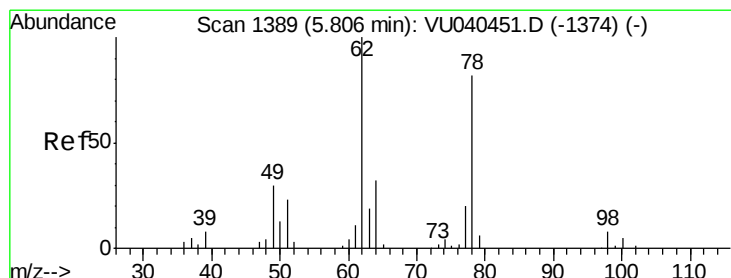
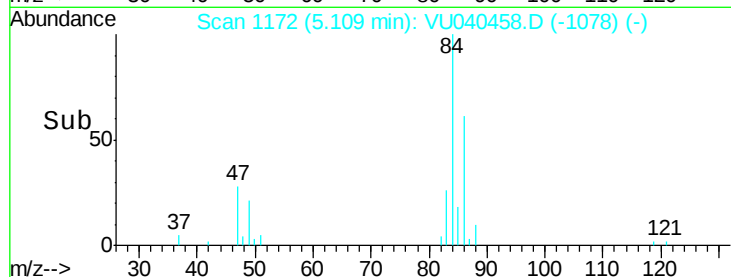
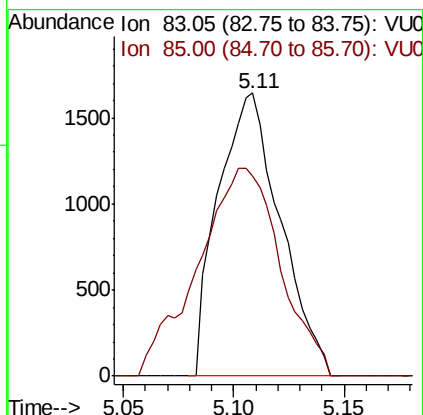
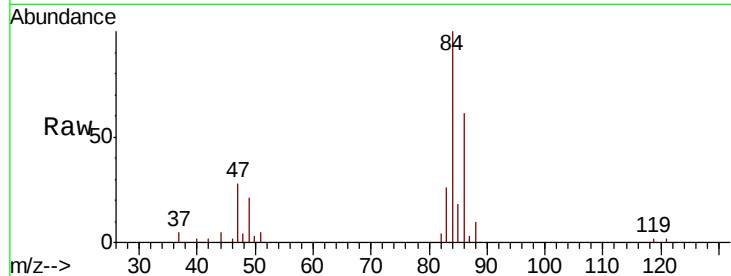




#25
Chloroform
Concen: 0.159 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040458.D
Acq: 02 Oct 2020 14:10

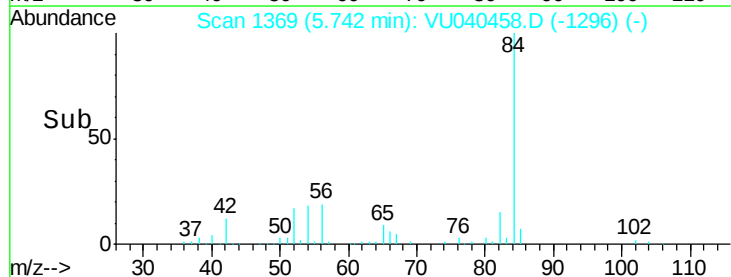
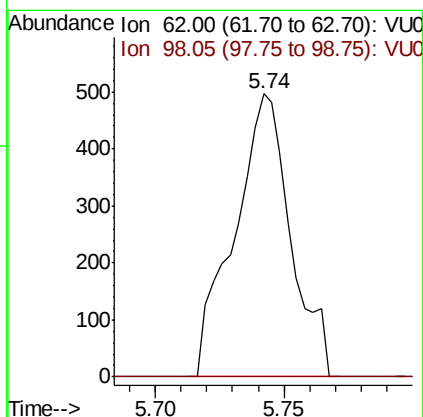
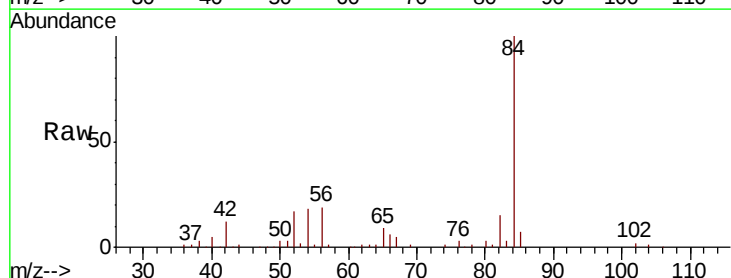
Instrument :
MSVOA_U
ClientSampled :
JLWS7

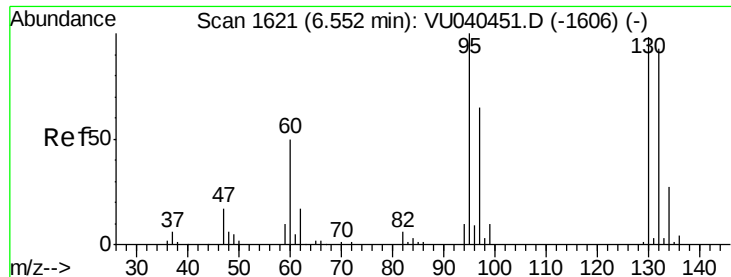
Tot Ion: 83 Resp: 3210
Ion Ratio Lower Upper
83 100
85 70.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.054 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU040458.D
Acq: 02 Oct 2020 14:10

Tgt Ion: 62 Resp: 760
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 0.280 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040458.D

Acq: 02 Oct 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

JLWS7

Tot Ion: 95 Resp: 3057

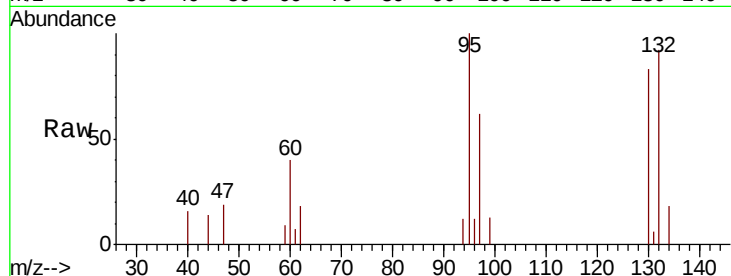
Ion Ratio Lower Upper

95 100

97 62.2 46.3 85.9

132 92.2 60.5 112.3

130 83.0 64.3 119.3

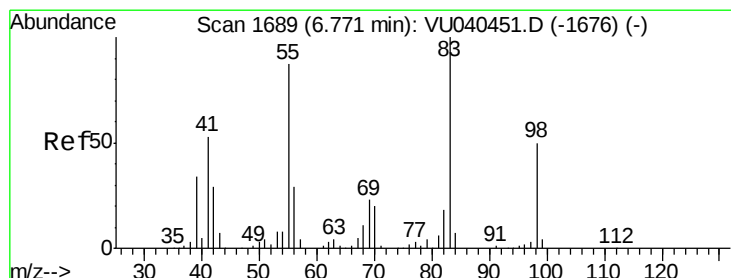
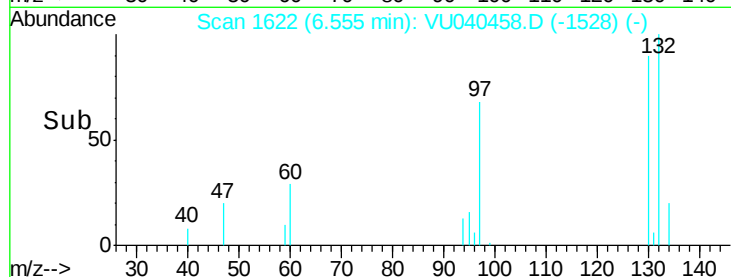
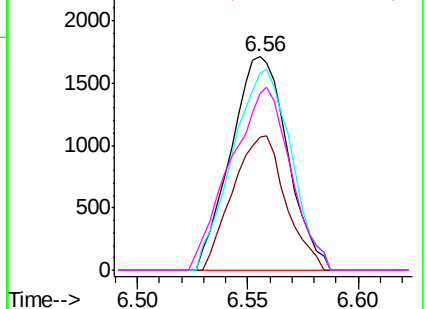


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.591 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040458.D

Acq: 02 Oct 2020 14:10

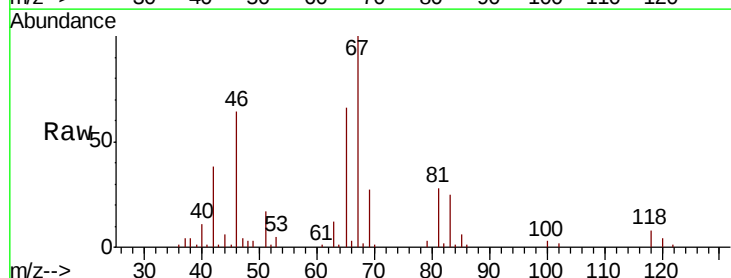
Tgt Ion: 83 Resp: 9472

Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

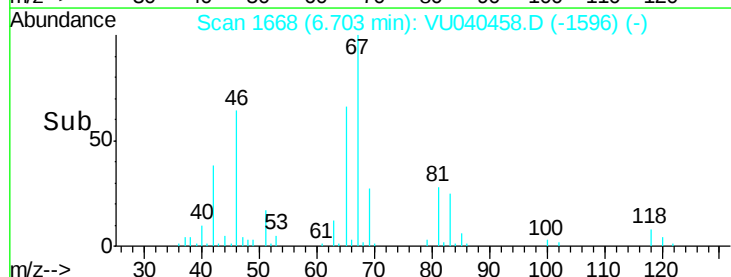
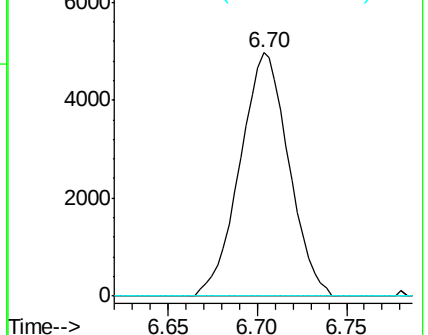
98 0.2 38.5 57.7#

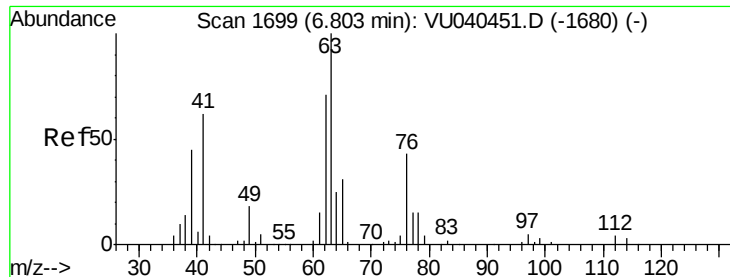


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

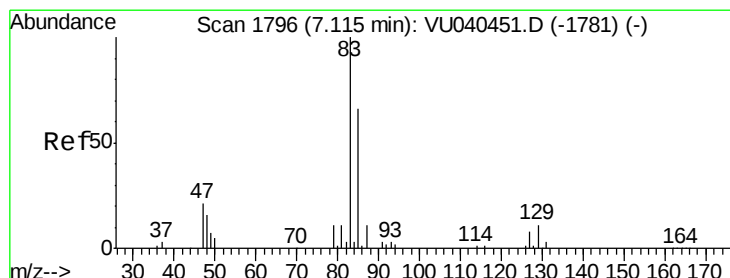
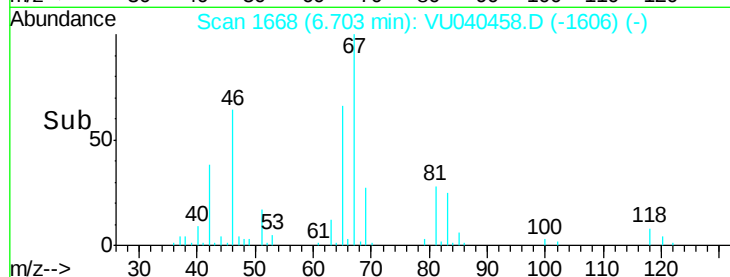
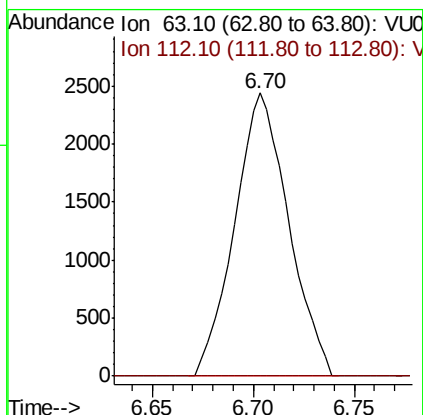
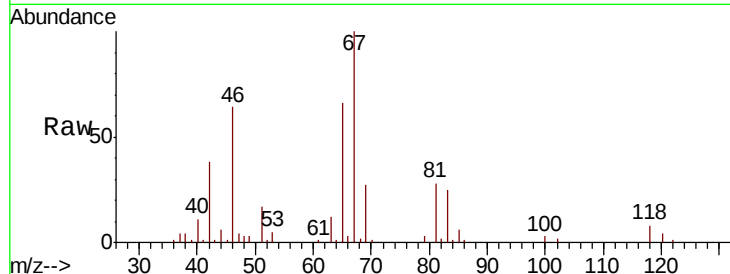




#37
 1,2-Dichloropropane
 Concen: 0.397 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040458.D
 Acq: 02 Oct 2020 14:10

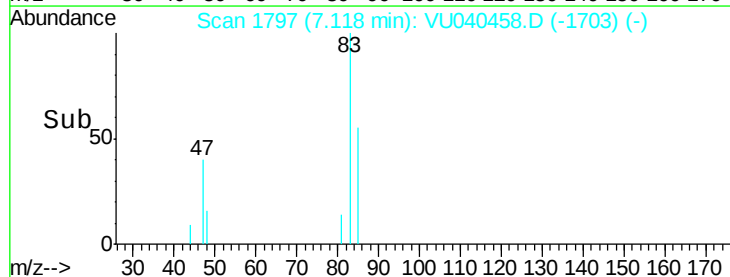
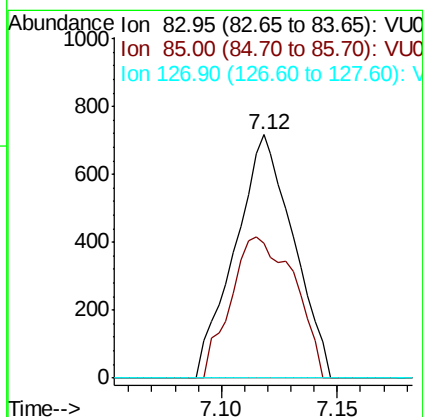
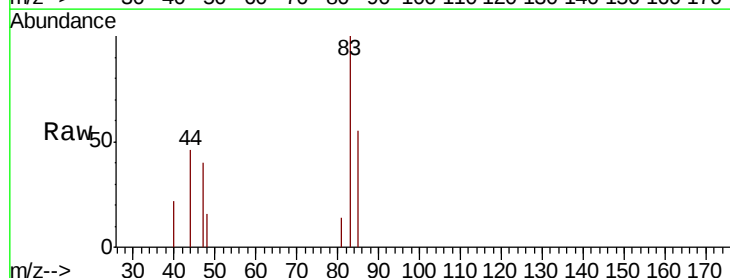
Instrument :
 MSVOA_U
 ClientSampled :
 JLWS7

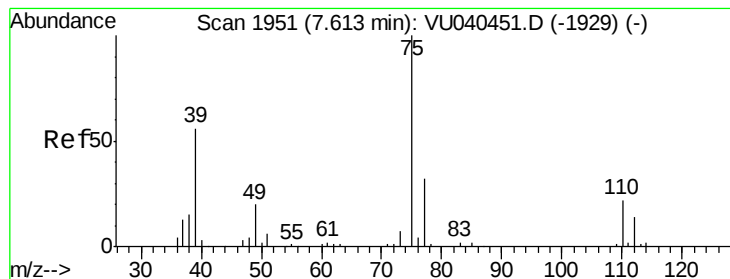
Tot Ion: 63 Resp: 4553
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#38
 Bromodichloromethane
 Concen: 0.088 ug/L
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU040458.D
 Acq: 02 Oct 2020 14:10

Tgt Ion: 83 Resp: 1252
 Ion Ratio Lower Upper
 83 100
 85 55.1 45.1 83.9
 127 0.0 6.6 9.8#





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040458.D

Acq: 02 Oct 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

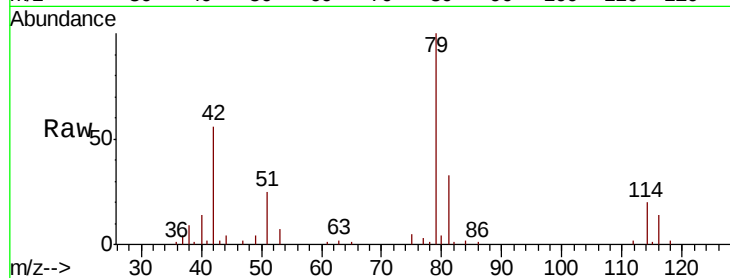
JLWS7

Tot Ion: 75 Resp: 1133

Ion Ratio Lower Upper

75 100

77 46.7 23.5 43.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

800

600

400

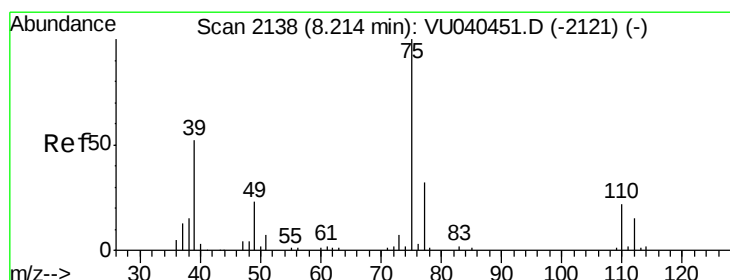
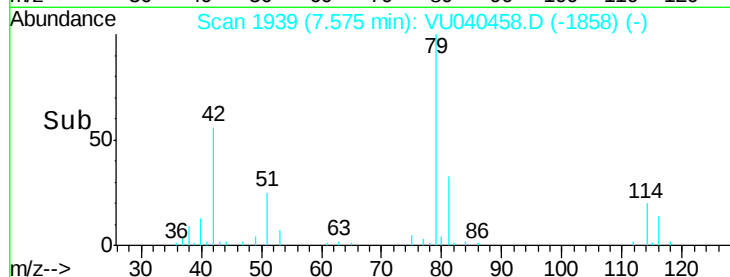
200

0

7.55 7.60

7.57

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040458.D

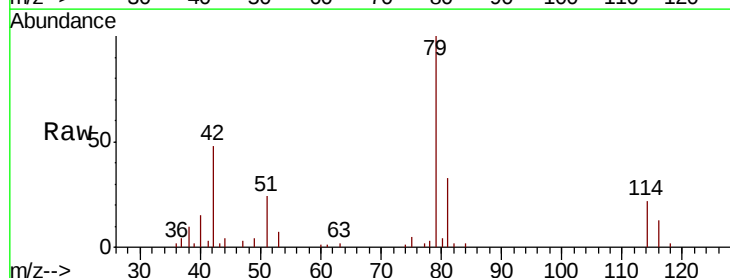
Acq: 02 Oct 2020 14:10

Tgt Ion: 75 Resp: 788

Ion Ratio Lower Upper

75 100

77 48.1 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

500

400

300

200

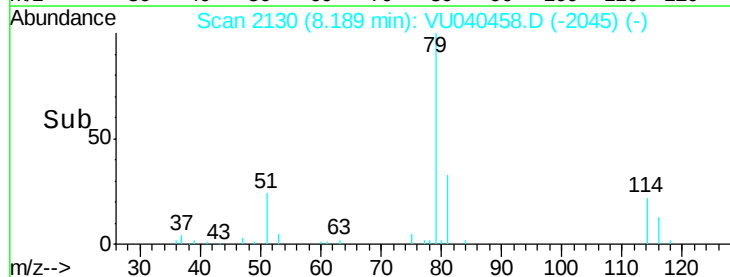
100

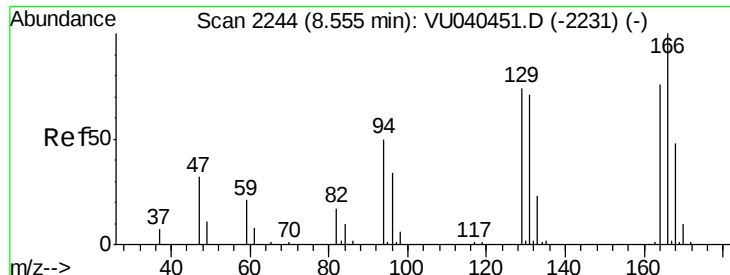
0

8.15 8.20

8.19

Time-->





#47

Tetrachloroethene

Concen: 0.152 ug/L

RT: 8.55 min Scan# 2243

Delta R.T. -0.00 min

Lab File: VU040458.D

Acq: 02 Oct 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

JLWS7

Tot Ion:164 Resp: 1183

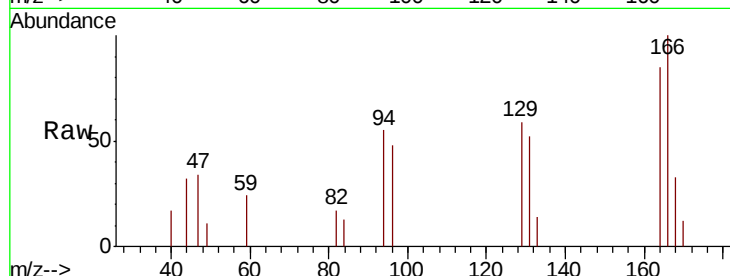
Ion Ratio Lower Upper

164 100

129 69.4 70.3 130.7#

131 62.1 69.2 128.6#

166 118.2 91.1 169.3

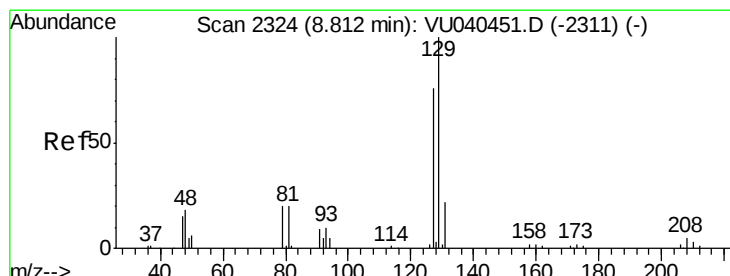
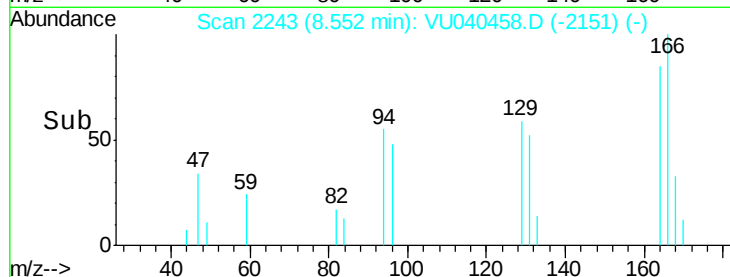
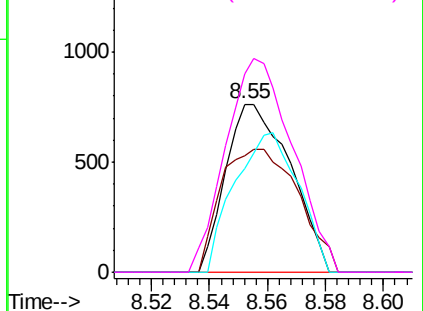


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.265 ug/L

RT: 8.82 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU040458.D

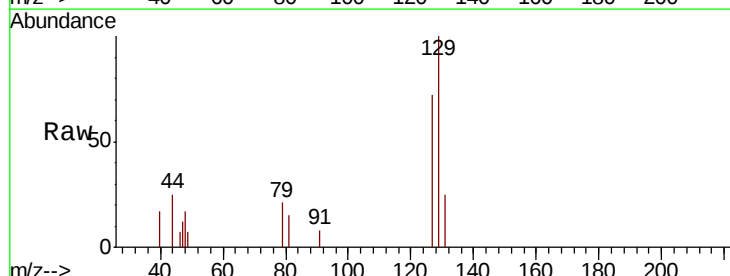
Acq: 02 Oct 2020 14:10

Tgt Ion:129 Resp: 2481

Ion Ratio Lower Upper

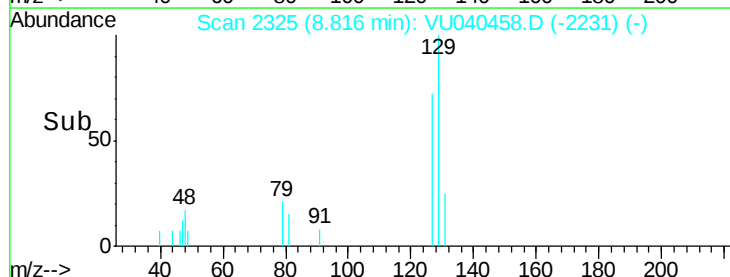
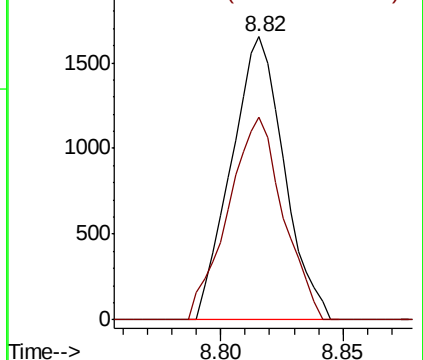
129 100

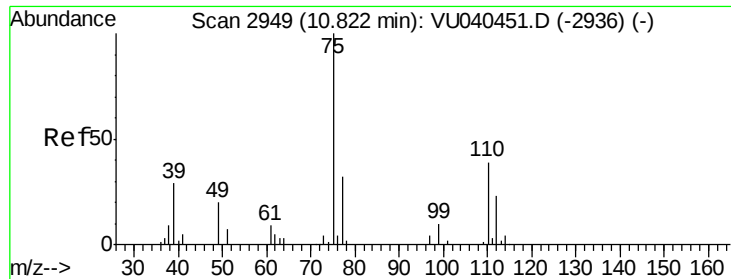
127 71.5 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

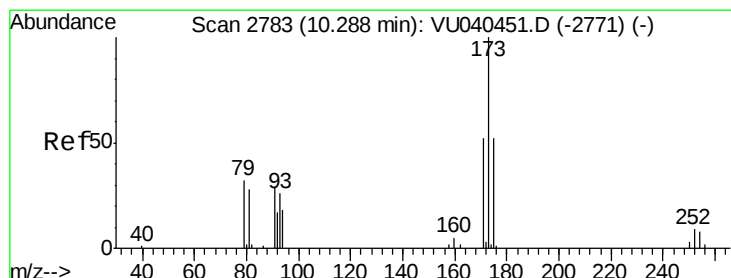
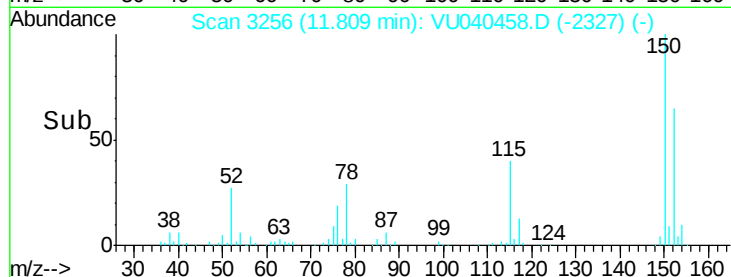
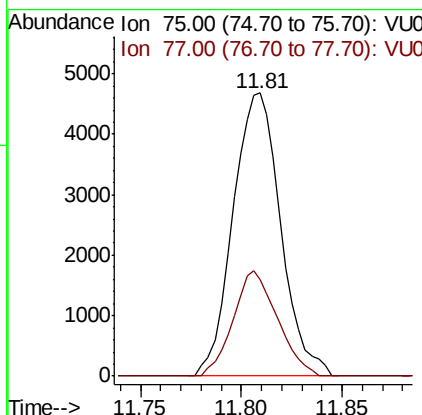
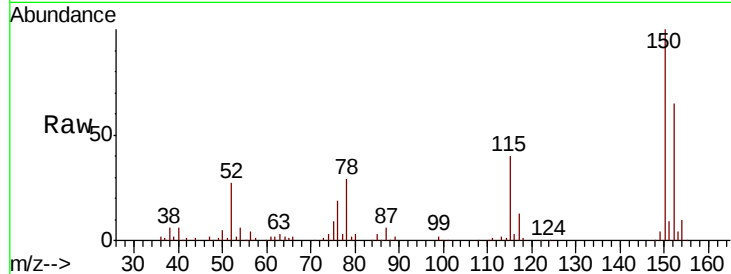




#59
 1,2,3-Trichloropropane
 Concen: 0.932 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU040458.D
 Acq: 02 Oct 2020 14:10

Instrument :
 MSVOA_U
 ClientSampled :
 JLWS7

Tot Ion: 75 Resp: 7750
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.7 38.5



#61
 Bromoform
 Concen: 0.670 ug/L
 RT: 10.29 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VU040458.D
 Acq: 02 Oct 2020 14:10

Tgt Ion: 173 Resp: 3061
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.6 59.4
 254 2.2 7.0 10.4#

