

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040466.D
 Acq On : 02 Oct 2020 17:52
 Operator : SY/MD
 Sample : L4209-03MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLWS8MS

Quant Time: Oct 03 02:55:21 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	144215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	141401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.92	69	28998	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.58	63	56139	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.65	46	142311	40.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.26%
24) Chloroform-d	5.08	84	70586	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.72	65	44985	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.75	84	136713	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.70	67	46877	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.91	98	49048	1.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	39.80%#
43) trans-1,3-Dichloropropene-	8.18	79	12251	2.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.80%
46) 2-Hexanone-d5	8.64	63	101521	40.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40830	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51479	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

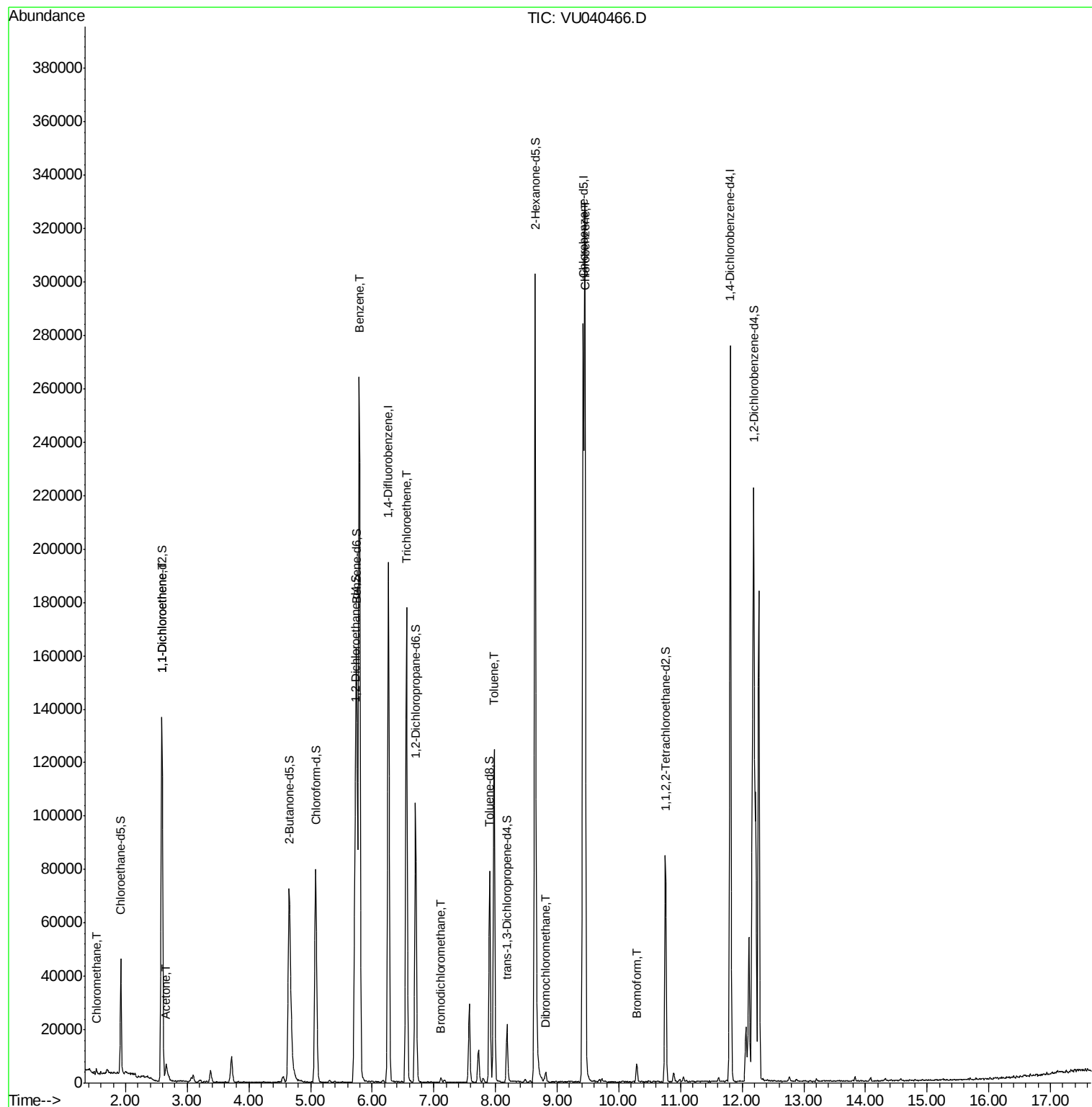
					Ovalue
3) Chloromethane	1.53	50	1133	0.080 ug/L #	72
12) 1,1-Dichloroethene	2.59	96	34405	3.133 ug/L	95
13) Acetone	2.66	43	11558	3.911 ug/L	97
33) Benzene	5.79	78	233270	4.921 ug/L	100
34) Trichloroethene	6.56	95	58859	4.677 ug/L	96
38) Bromodichloromethane	7.11	83	1120	0.069 ug/L #	89
42) Toluene	7.98	91	85181	1.752 ug/L	98
49) Dibromochloromethane	8.81	129	2129	0.198 ug/L	97
51) Chlorobenzene	9.45	112	160008	5.091 ug/L	98
61) Bromoform	10.29	173	3001	0.546 ug/L #	95

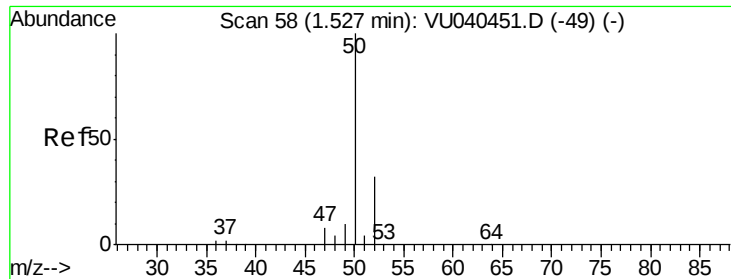
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.080 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040466.D

Acq: 02 Oct 2020 17:52

Instrument :

MSVOA_U

ClientSampled :

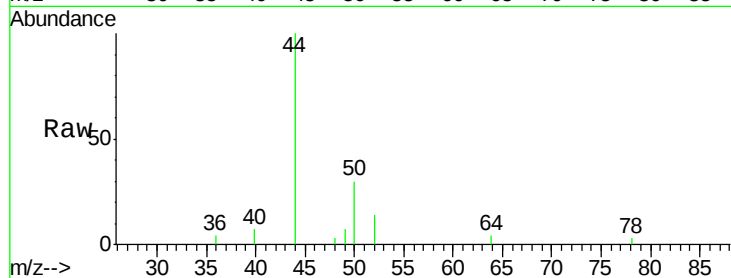
JLWS8MS

Tot Ion: 50 Resp: 1133

Ion Ratio Lower Upper

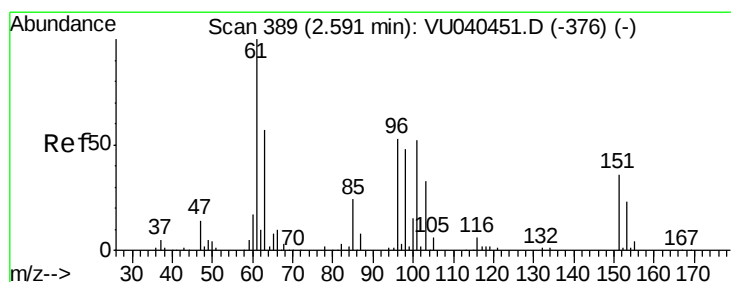
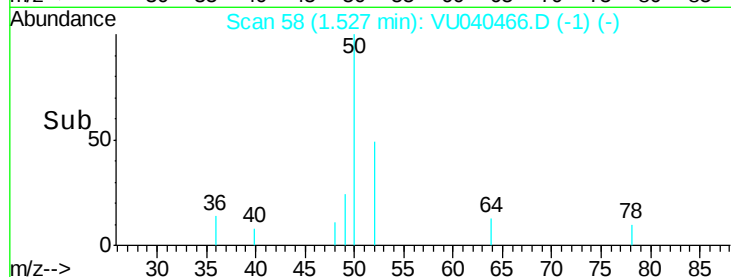
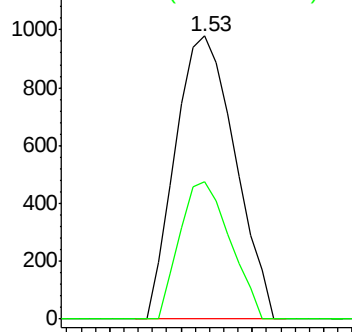
50 100

52 48.7 23.0 42.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 3.133 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040466.D

Acq: 02 Oct 2020 17:52

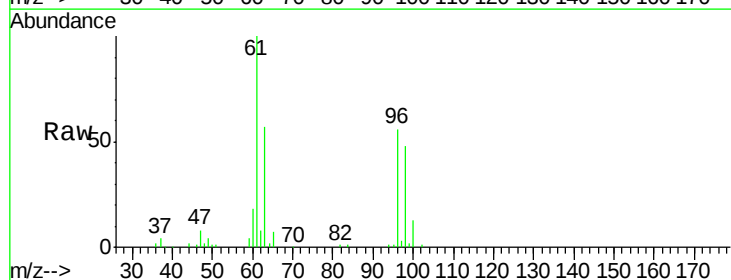
Tgt Ion: 96 Resp: 34405

Ion Ratio Lower Upper

96 100

61 177.5 128.6 238.8

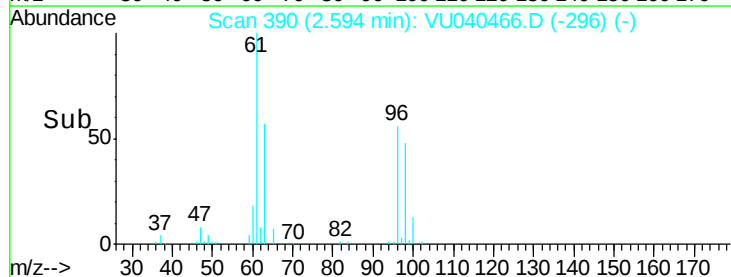
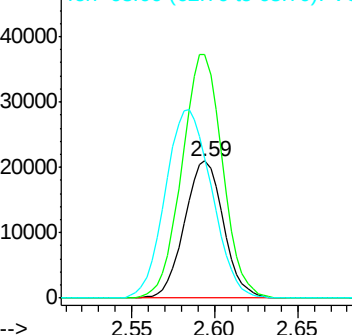
63 102.0 67.8 126.0

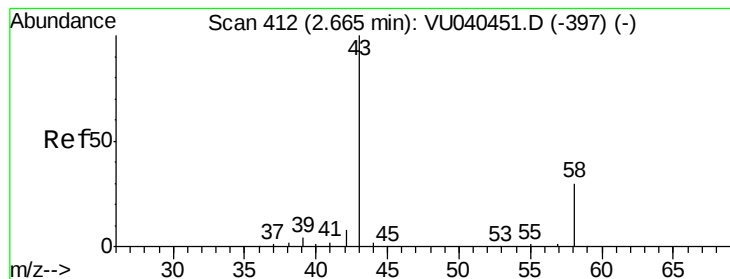


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.911 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040466.D

Acq: 02 Oct 2020 17:52

Instrument :

MSVOA_U

ClientSampleId :

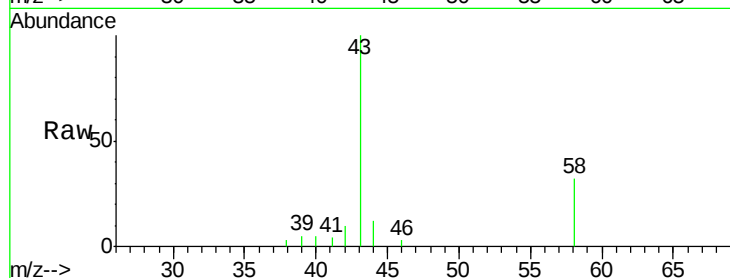
JLWS8MS

Tot Ion: 43 Resp: 11558

Ion Ratio Lower Upper

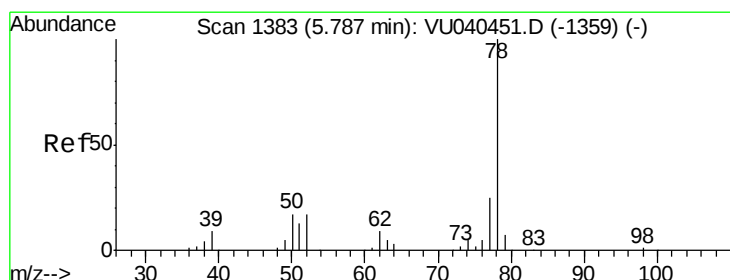
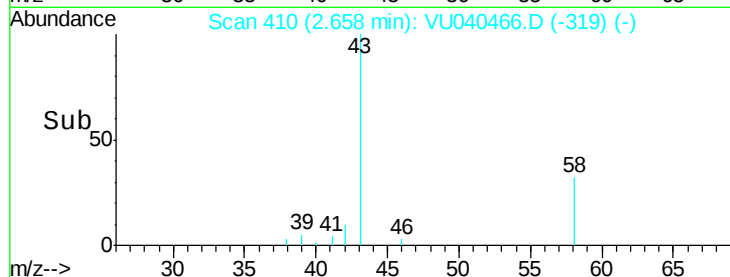
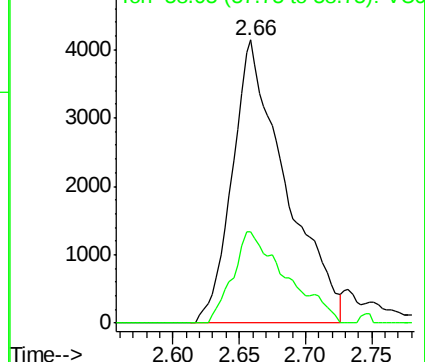
43 100

58 32.5 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#33

Benzene

Concen: 4.921 ug/L

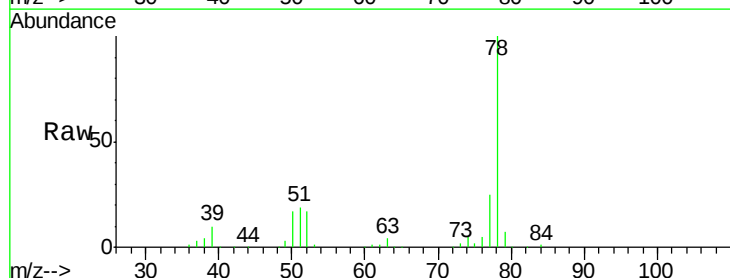
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

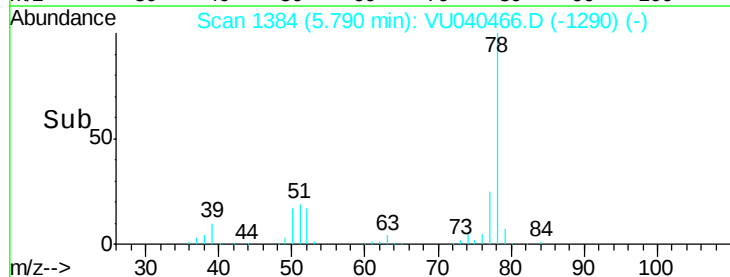
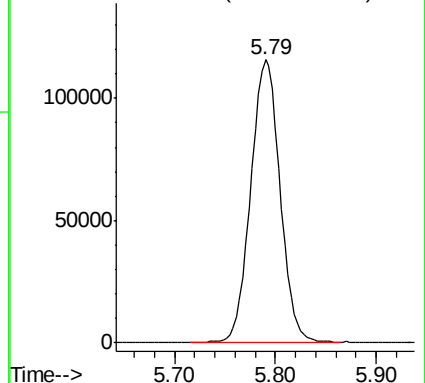
Lab File: VU040466.D

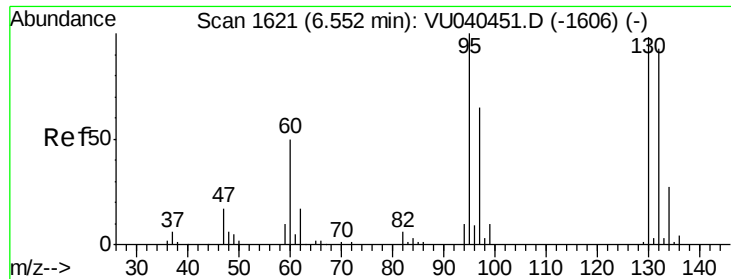
Acq: 02 Oct 2020 17:52

Tgt Ion: 78 Resp: 233270



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 4.677 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040466.D

Acq: 02 Oct 2020 17:52

Instrument :

MSVOA_U

ClientSampleId :

JLWS8MS

Tot Ion: 95 Resp: 58859

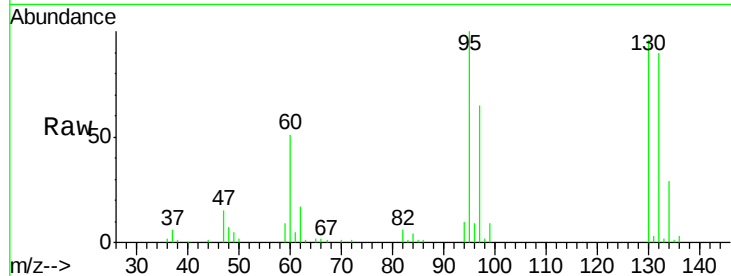
Ion Ratio Lower Upper

95 100

97 64.9 46.3 85.9

132 90.1 60.5 112.3

130 96.1 64.3 119.3

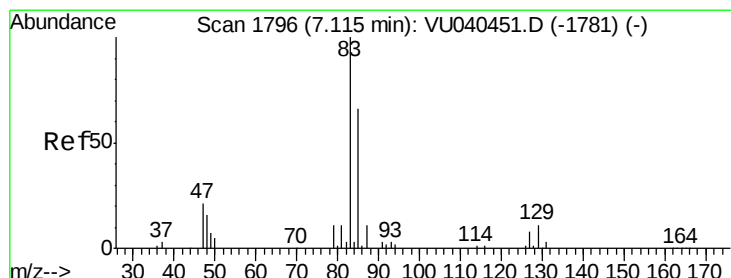
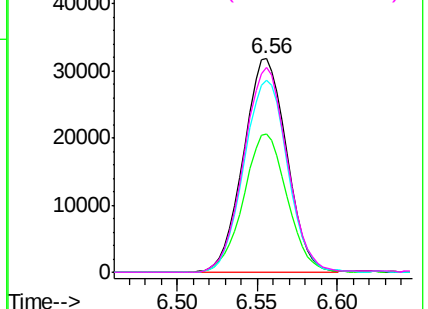
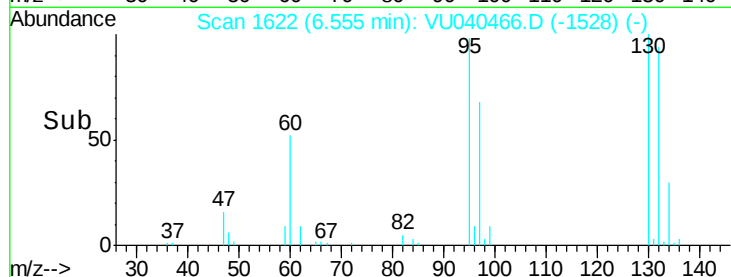


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#38

Bromodichloromethane

Concen: 0.069 ug/L

RT: 7.11 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VU040466.D

Acq: 02 Oct 2020 17:52

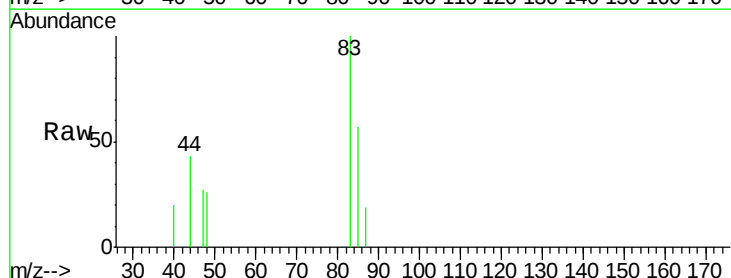
Tgt Ion: 83 Resp: 1120

Ion Ratio Lower Upper

83 100

85 56.9 45.1 83.9

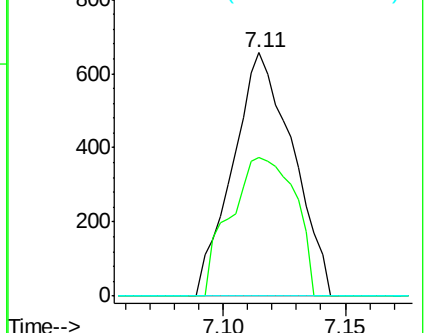
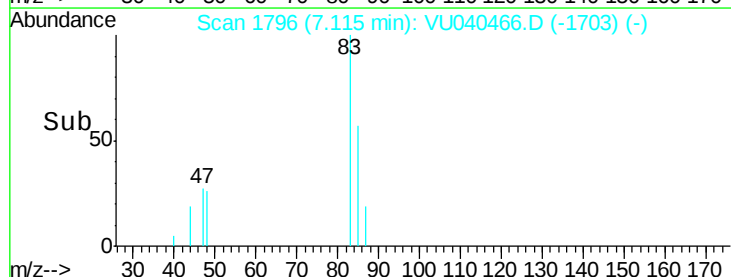
127 0.0 6.6 9.8#

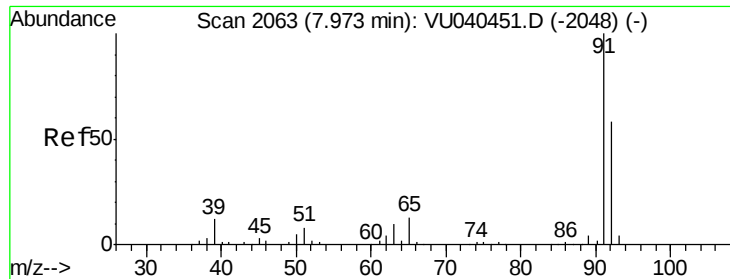


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 126.90 (126.60 to 127.60): V





#42

Toluene

Concen: 1.752 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040466.D

Acq: 02 Oct 2020 17:52

Instrument :

MSVOA_U

ClientSampleId :

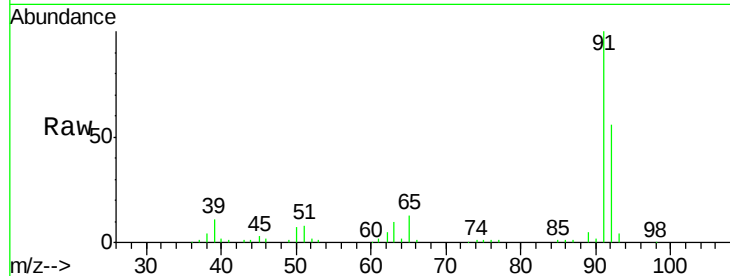
JLWS8MS

Tot Ion: 91 Resp: 85181

Ion Ratio Lower Upper

91 100

92 55.6 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

60000

50000

40000

30000

20000

10000

0

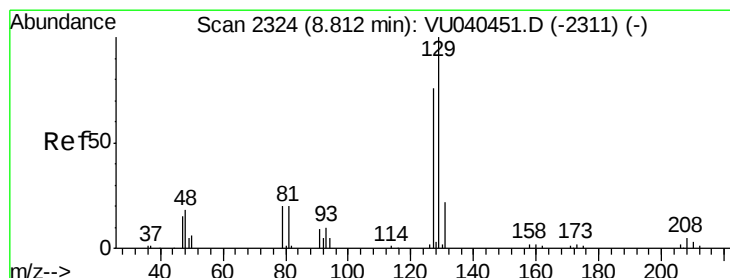
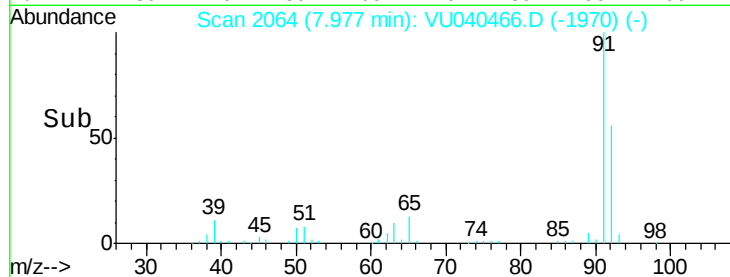
Time-->

7.90

7.95

8.00

8.05



#49

Dibromochloromethane

Concen: 0.198 ug/L

RT: 8.81 min Scan# 2324

Delta R.T. 0.00 min

Lab File: VU040466.D

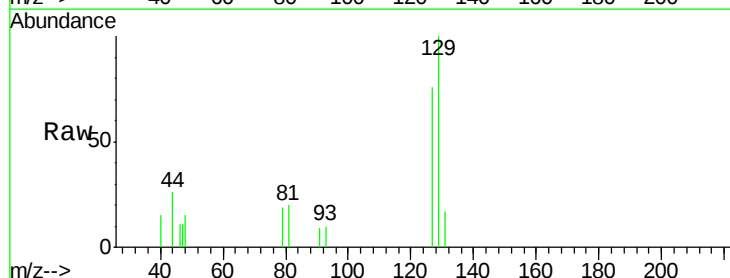
Acq: 02 Oct 2020 17:52

Tgt Ion: 129 Resp: 2129

Ion Ratio Lower Upper

129 100

127 76.4 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.81

1000

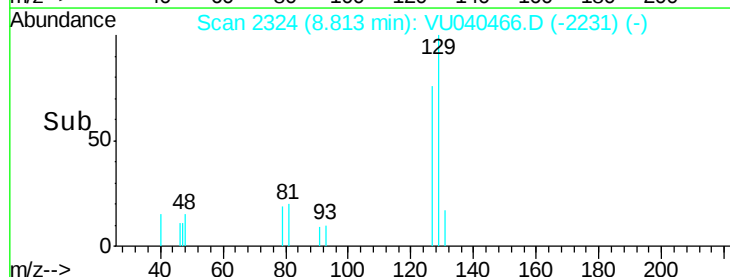
500

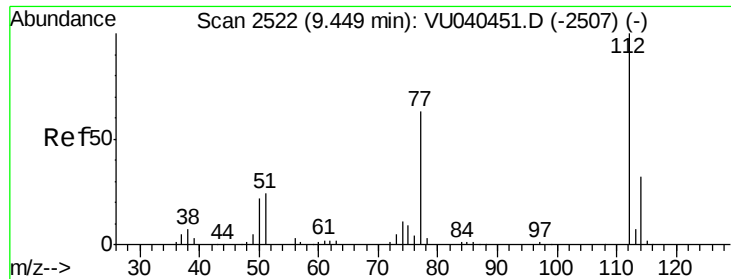
0

Time-->

8.80

8.85

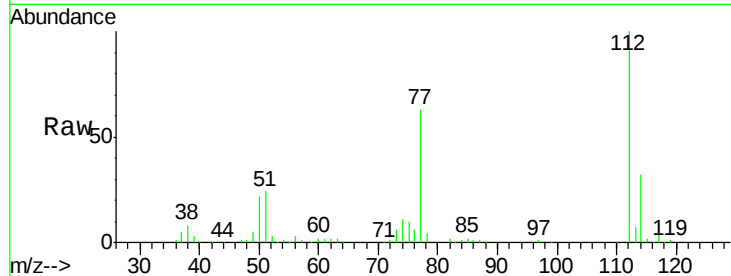




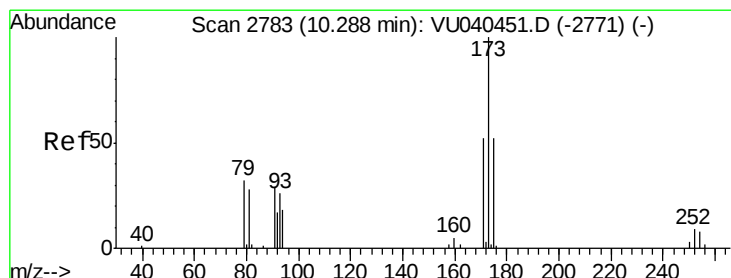
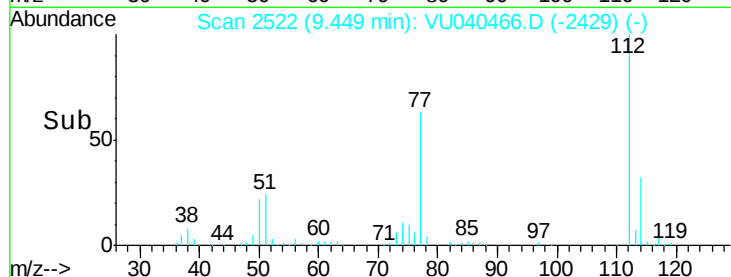
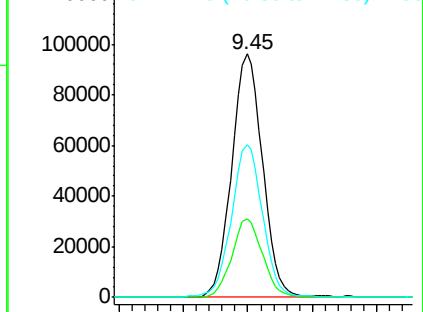
#51
Chlorobenzene
Concen: 5.091 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Instrument :
MSVOA_U
ClientSampleId :
JLWS8MS

Tot Ion:112 Resp: 160008
Ion Ratio Lower Upper
112 100
114 32.4 22.0 40.8
77 63.0 49.5 74.3

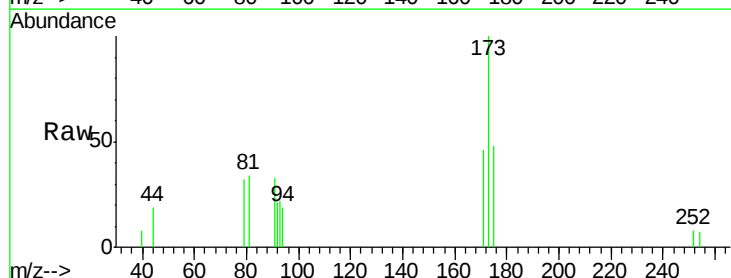


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#61
Bromoform
Concen: 0.546 ug/L
RT: 10.29 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VU040466.D
Acq: 02 Oct 2020 17:52

Tgt Ion:173 Resp: 3001
Ion Ratio Lower Upper
173 100
175 47.4 39.6 59.4
254 2.4 7.0 10.4#



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

