

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038074.D
 Acq On : 08 May 2020 05:45
 Operator : JC/MD
 Sample : L2526-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 06:18:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 04:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	363907	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	361406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	167026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	140584	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	120347	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.59	63	172706	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.66	46	339188	41.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.60%
24) Chloroform-d	5.10	84	194817	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.74	65	128864	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.76	84	481000	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.72	67	152012	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.92	98	424800	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.20	79	52165	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.65	63	273199	41.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116246	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	148636	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

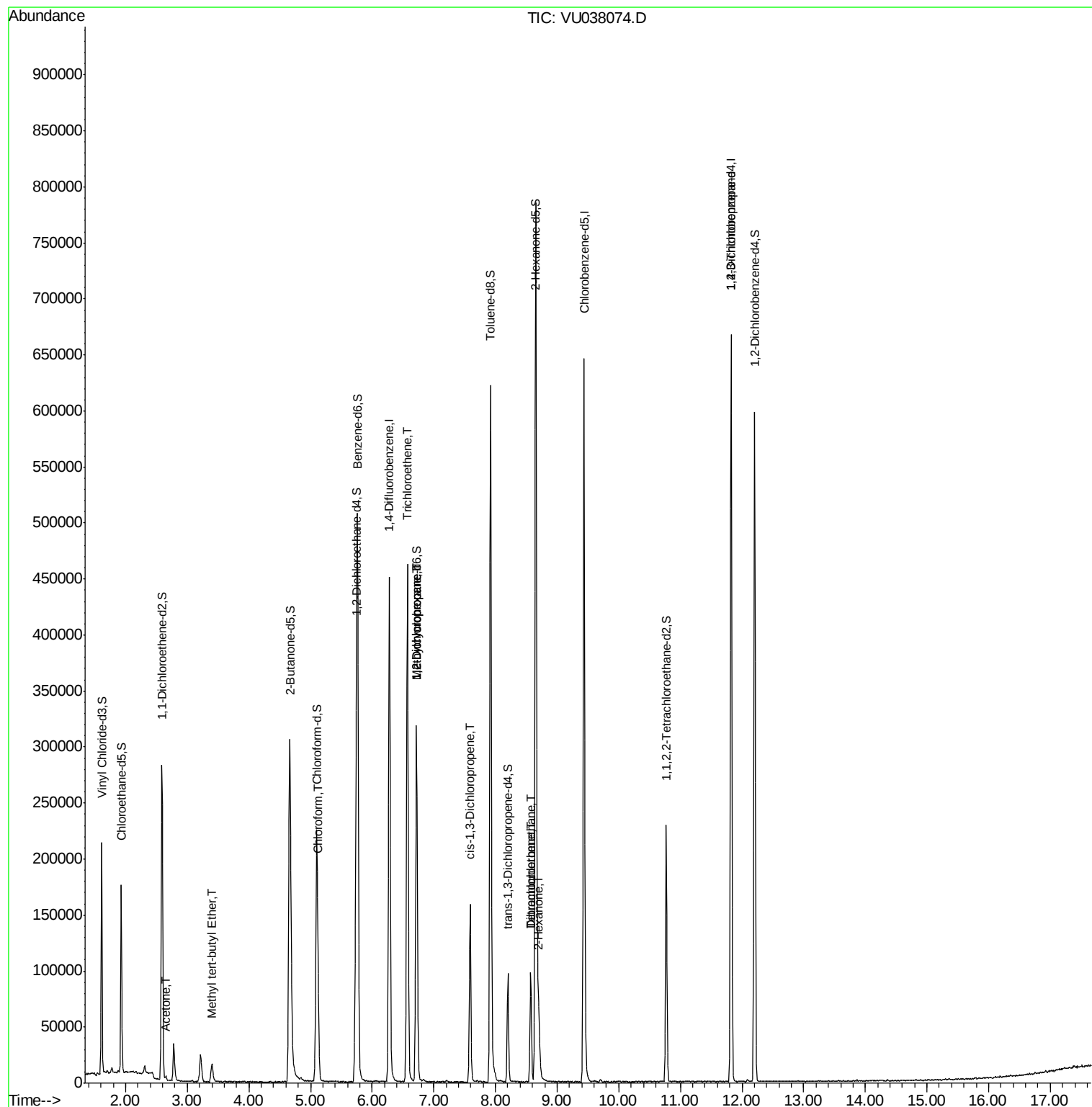
					Ovalue
13) Acetone	2.66	43	4644	0.901	ug/L 94
17) Methyl tert-butyl Ether	3.40	73	17000	0.242	ug/L 98
25) Chloroform	5.12	83	36604	0.729	ug/L 97
34) Trichloroethene	6.57	95	159211	5.500	ug/L 99
35) Methylcyclohexane	6.72	83	34170	0.729	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	15764	0.501	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3902	0.087	ug/L # 67
47) Tetrachloroethene	8.57	164	21328	1.053	ug/L 98
48) 2-Hexanone	8.70	43	35350	2.215	ug/L # 91
49) Dibromochloromethane	8.57	129	22570	0.996	ug/L # 10
59) 1,2,3-Trichloropropane	11.82	75	22156	1.050	ug/L 96

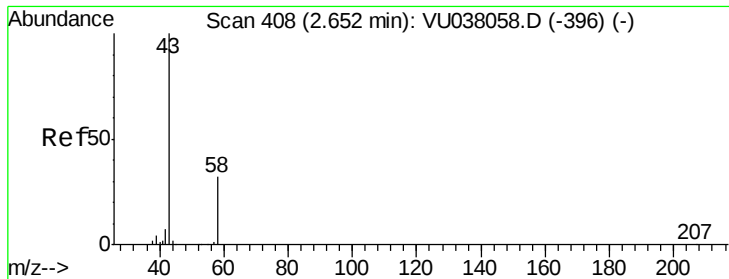
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 04:55:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.901 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU038074.D

Acq: 08 May 2020 05:45

Instrument :

MSVOA_U

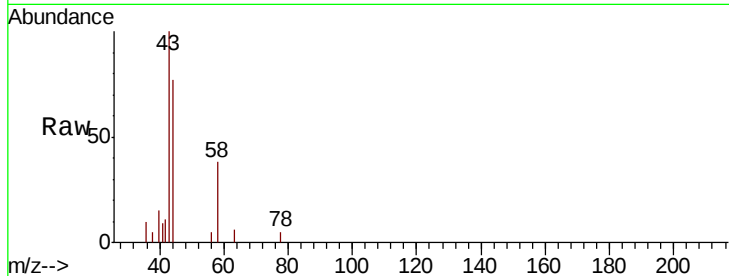
ClientSampleId :

Tot Ion: 43 Resp: 4644

Ion Ratio Lower Upper

43 100

58 28.3 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038074.D (-408) (-)

Ion 58.05 (57.75 to 58.75): VU038074.D (-408) (-)

2500

2000

1500

1000

500

0

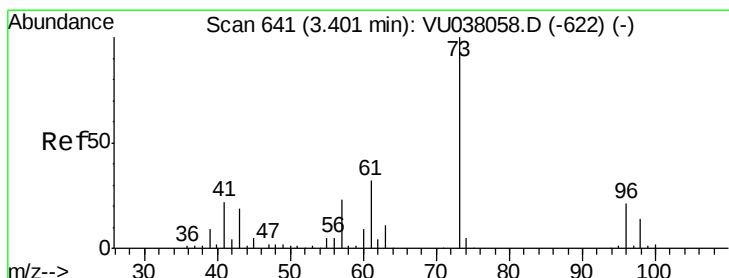
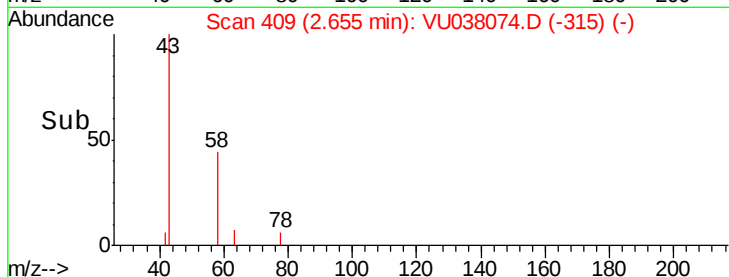
2.55

2.60

2.65

2.70

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.242 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038074.D

Acq: 08 May 2020 05:45

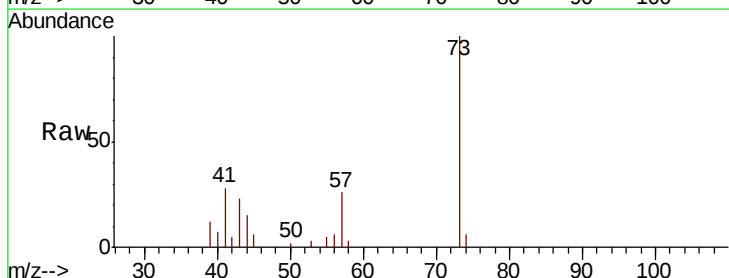
Tgt Ion: 73 Resp: 17000

Ion Ratio Lower Upper

73 100

43 21.5 16.9 25.3

57 23.8 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU038074.D (-548) (-)

Ion 43.05 (42.75 to 43.75): VU038074.D (-548) (-)

Ion 57.10 (56.80 to 57.80): VU038074.D (-548) (-)

10000

8000

6000

4000

2000

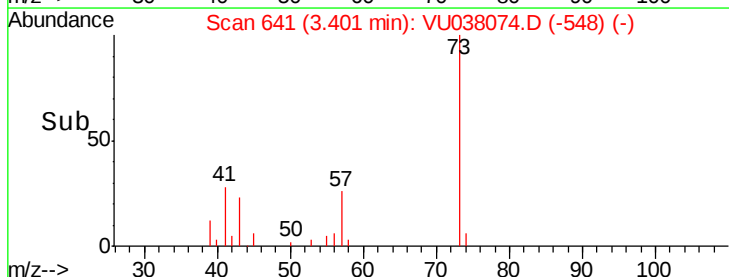
0

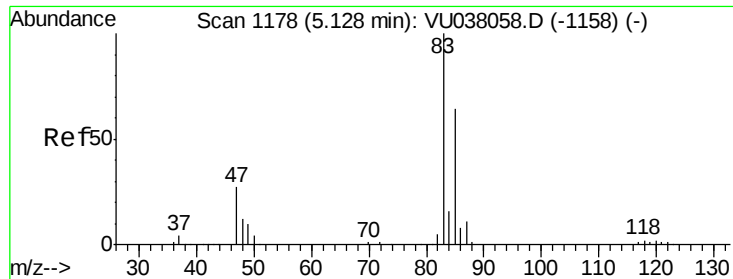
3.35

3.40

3.45

Time-->





#25

Chloroform

Concen: 0.729 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038074.D

Acq: 08 May 2020 05:45

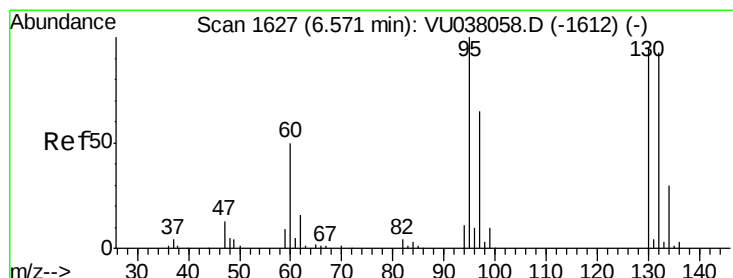
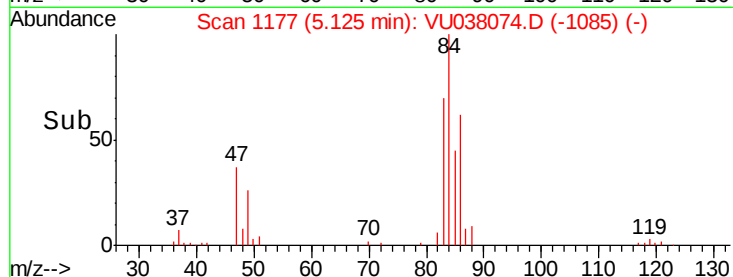
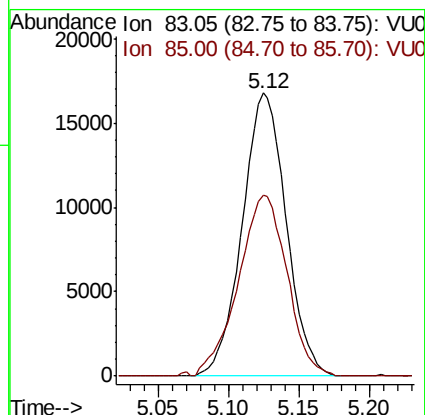
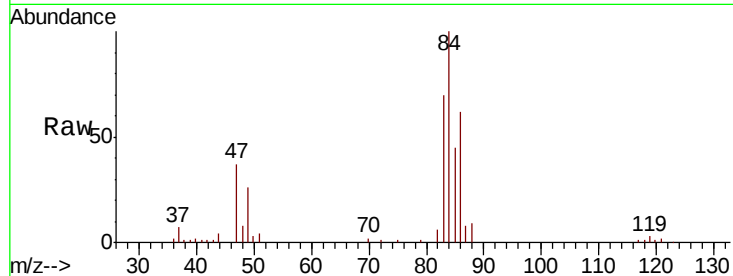
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 36604

Ion Ratio Lower Upper

83 100

85 63.9 46.2 85.8



#34

Trichloroethene

Concen: 5.500 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038074.D

Acq: 08 May 2020 05:45

Tgt Ion: 95 Resp: 159211

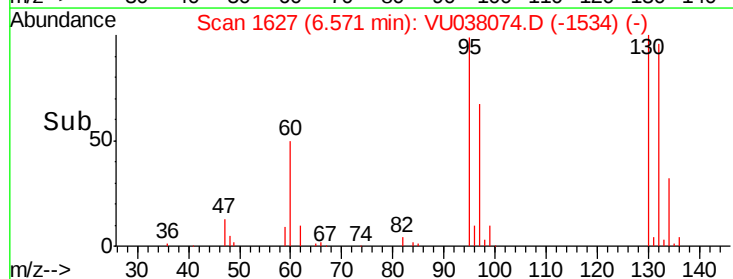
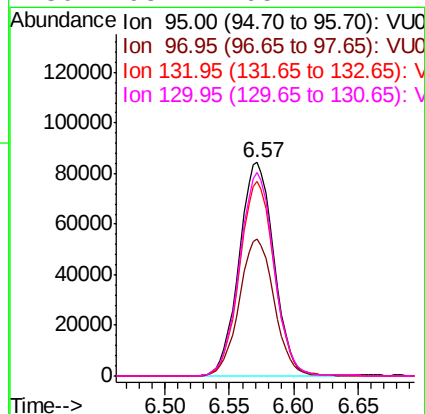
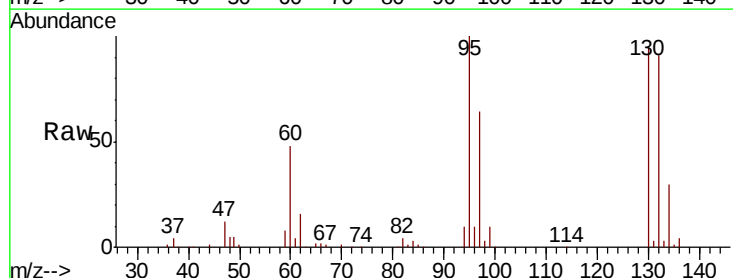
Ion Ratio Lower Upper

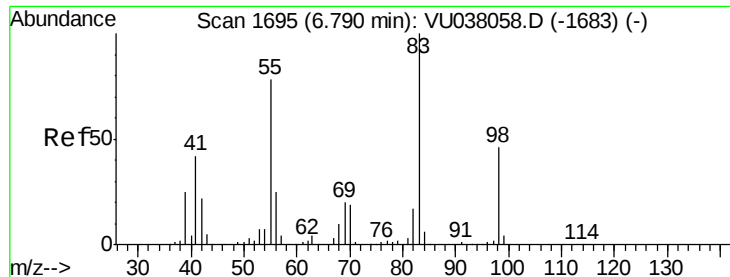
95 100

97 63.9 44.9 83.3

132 91.0 63.3 117.5

130 95.2 65.7 122.1

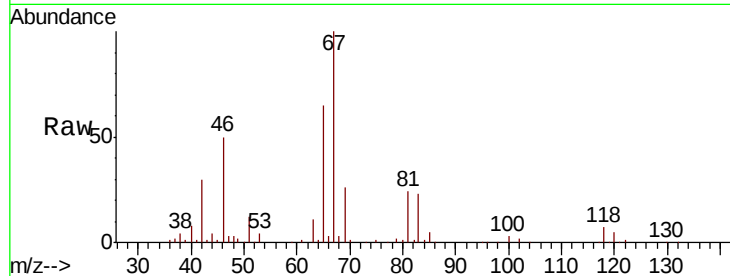




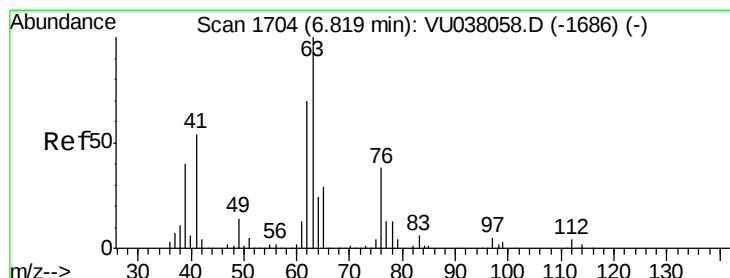
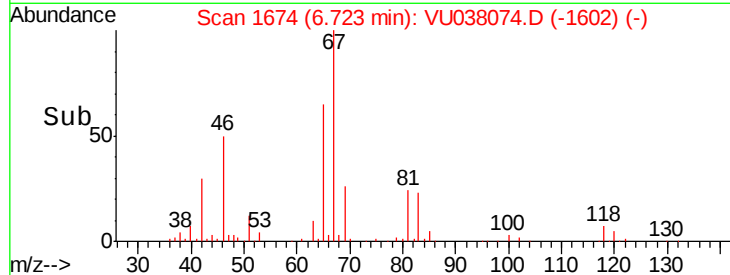
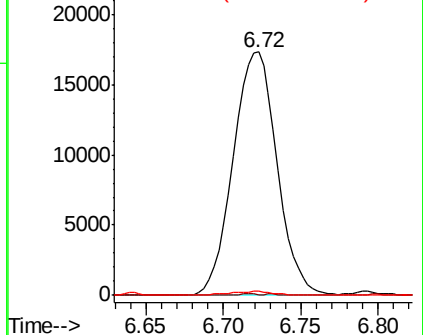
#35
Methvlcvclohexane
Concen: 0.729 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038074.D
Acq: 08 May 2020 05:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 34170
Ion Ratio Lower Upper
83 100
55 0.1 66.7 100.1#
98 1.6 39.4 59.2#

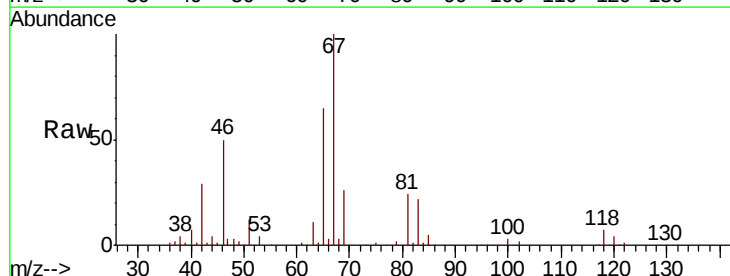


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

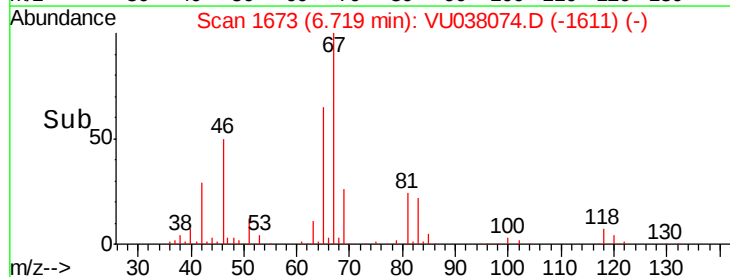
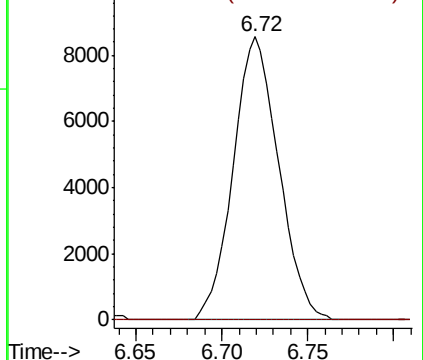


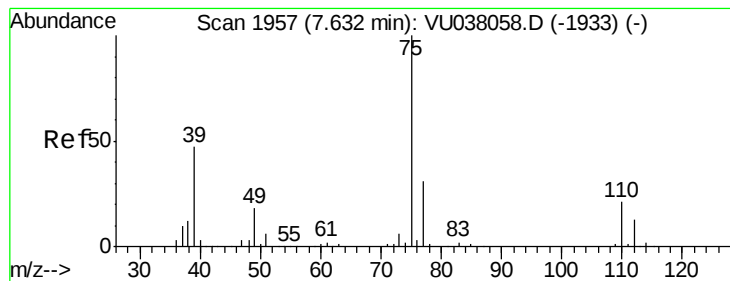
#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038074.D
Acq: 08 May 2020 05:45

Tgt Ion: 63 Resp: 15764
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



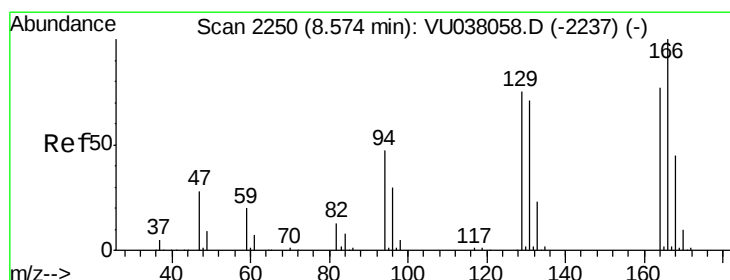
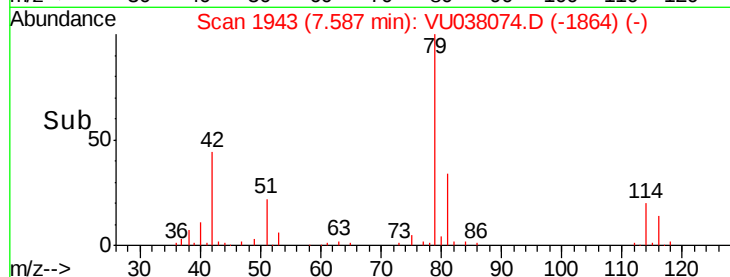
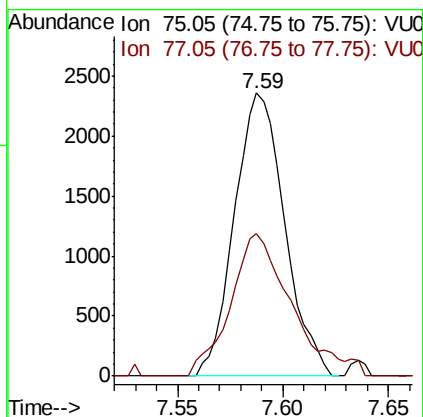
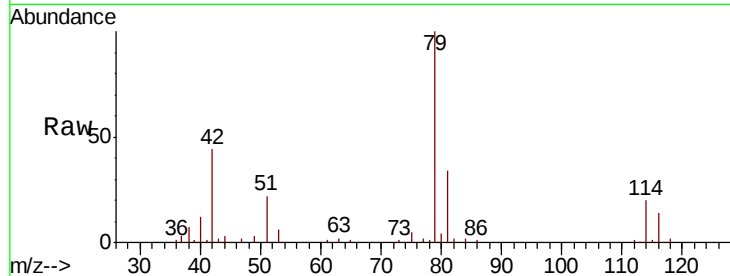


#39

cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038074.D
Acq: 08 May 2020 05:45

Instrument :
MSVOA_U
ClientSampled :

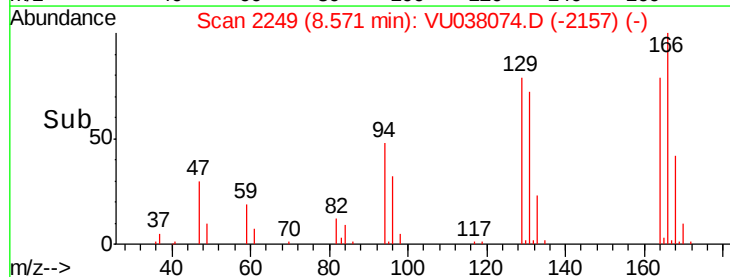
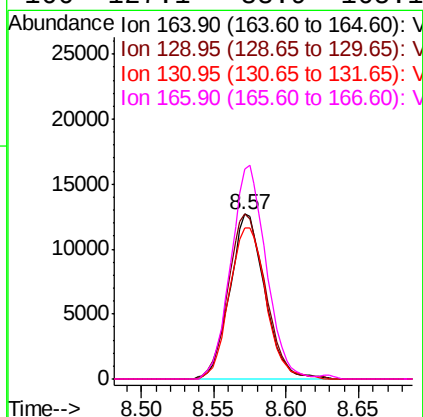
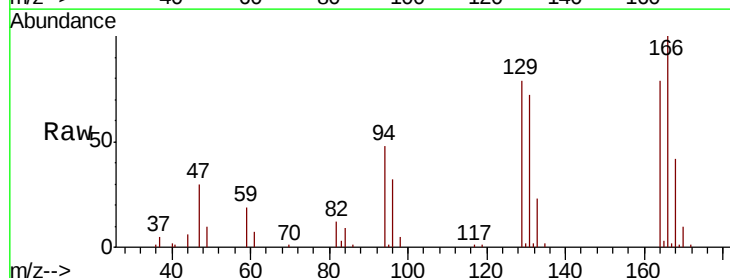
Tot Ion: 75 Resp: 3902
Ion Ratio Lower Upper
75 100
77 50.4 22.4 41.6#

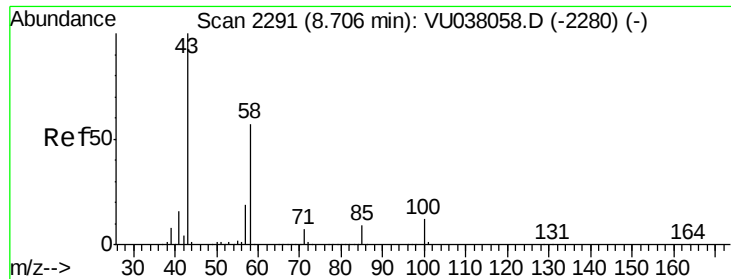


#47

Tetrachloroethene
Concen: 1.053 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.00 min
Lab File: VU038074.D
Acq: 08 May 2020 05:45

Tgt Ion: 164 Resp: 21328
Ion Ratio Lower Upper
164 100
129 99.9 68.8 127.8
131 91.4 66.8 124.2
166 127.1 88.9 165.1

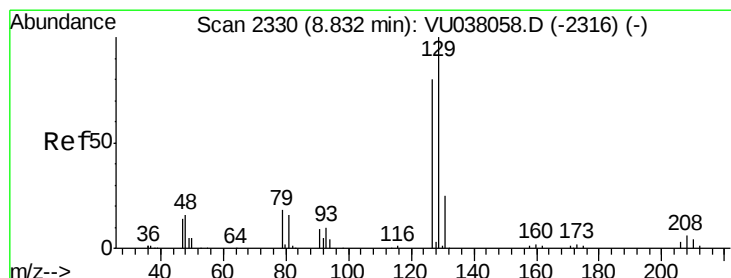
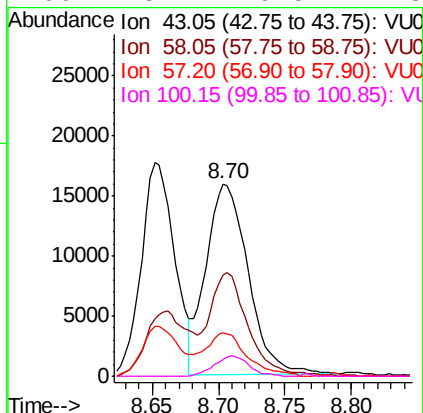
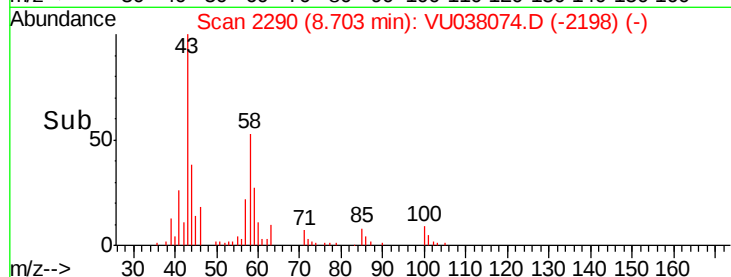
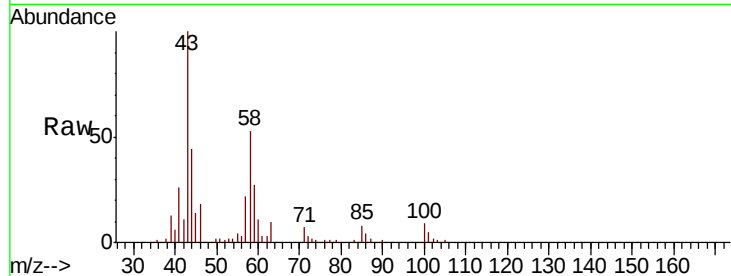




#48
2-Hexanone
Concen: 2.215 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU038074.D
Acq: 08 May 2020 05:45

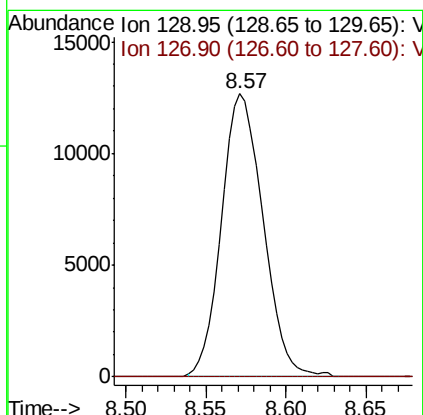
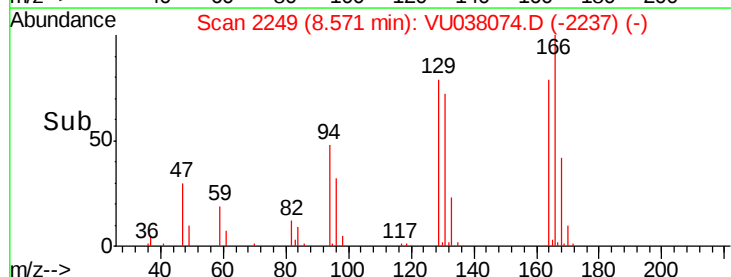
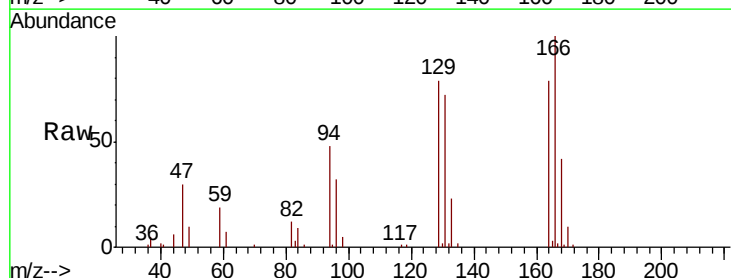
Instrument :
MSVOA_U
ClientSampled :

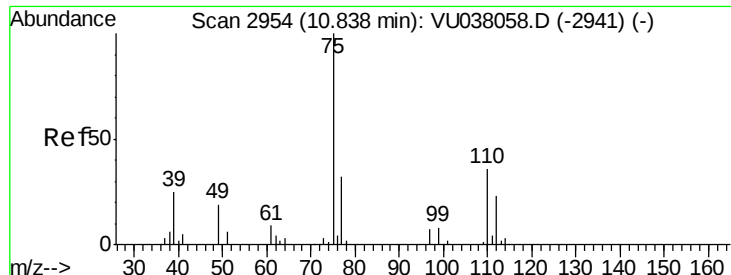
Tot Ion: 43 Resp: 35350
Ion Ratio Lower Upper
43 100
58 49.3 45.2 67.8
57 22.3 15.5 23.3
100 8.7 9.5 14.3#



#49
Dibromochloromethane
Concen: 0.996 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU038074.D
Acq: 08 May 2020 05:45

Tgt Ion: 129 Resp: 22570
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#59

1,2,3-Trichloropropane

Concen: 1.050 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038074.D

Acq: 08 May 2020 05:45

Instrument :

MSVOA_U

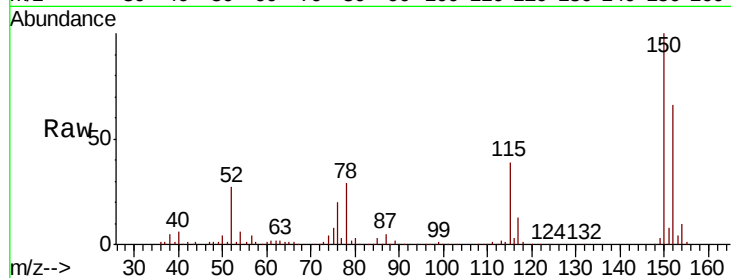
ClientSampleId :

Tot Ion: 75 Resp: 22156

Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

