

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\
 Data File : VU038220.D
 Acq On : 18 May 2020 15:12
 Operator : JC/MD
 Sample : L2657-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 18 22:26:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 18 22:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	376851	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	367317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	172541	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116891	3.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.80%
7) Chloroethane-d5	1.93	69	110963	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	2.59	63	140826	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	4.67	46	432435	50.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	5.10	84	210137	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.74	65	129786	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.76	84	431216	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	6.72	67	147320	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.92	98	364717	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.20	79	53702	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.65	63	327945	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	124271	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	143605	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

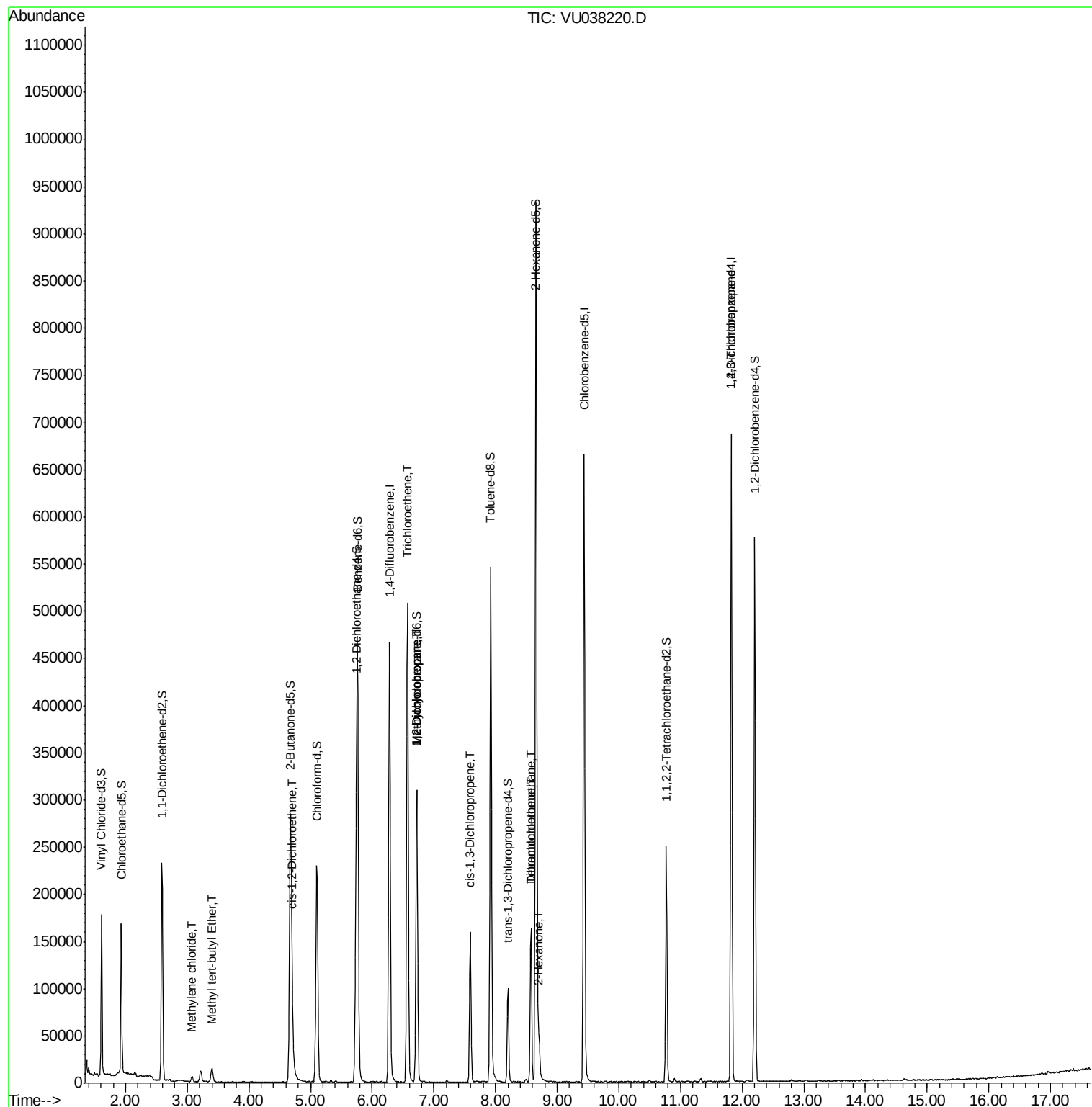
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	2314	0.076	ug/L	96
17) Methyl tert-butyl Ether	3.40	73	15411	0.212	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	6492	0.211	ug/L	97
34) Trichloroethene	6.57	95	173520	5.898	ug/L	99
35) Methylcyclohexane	6.72	83	32492	0.682	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15025	0.470	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3528	0.077	ug/L #	72
47) Tetrachloroethene	8.57	164	35072	1.704	ug/L	98
48) 2-Hexanone	8.71	43	21925	1.352	ug/L #	95
49) Dibromochloromethane	8.57	129	33684	1.463	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	22970	1.071	ug/L	89

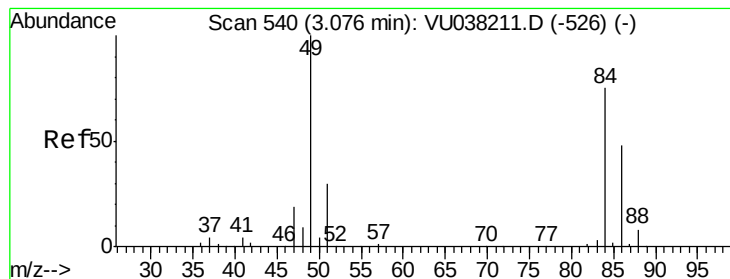
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051820\
Data File : VU038220.D
Acq On : 18 May 2020 15:12
Operator : JC/MD
Sample : L2657-05DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 18 22:26:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 18 22:23:30 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.076 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038220.D

Acq: 18 May 2020 15:12

Instrument :

MSVOA_U

ClientSampled :

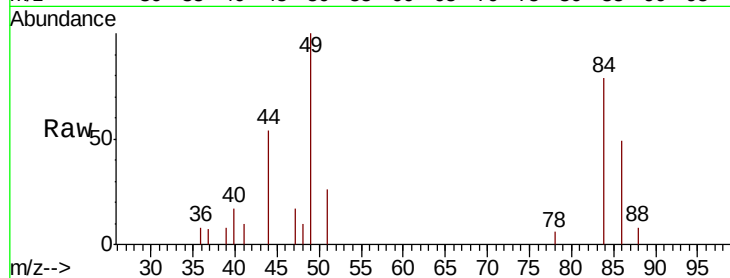
Tot Ion: 84 Resp: 2314

Ion Ratio Lower Upper

84 100

86 61.7 44.9 83.3

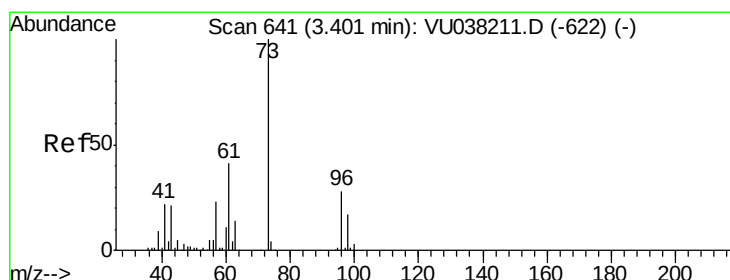
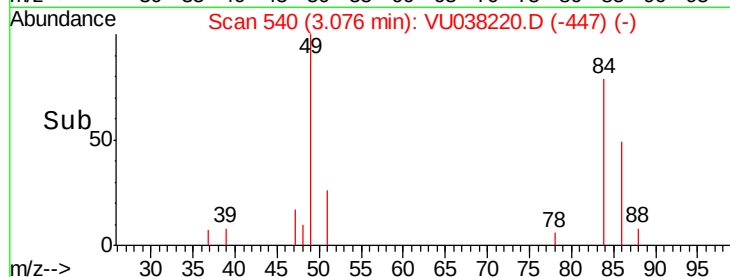
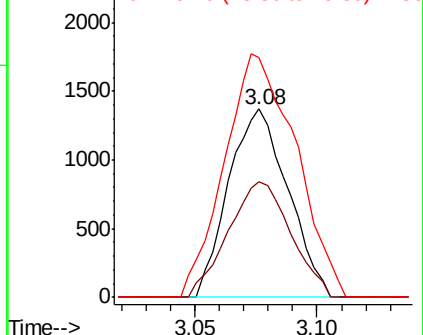
49 127.1 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU038220.D (-547) (-)

Ion 86.00 (85.70 to 86.70): VU038220.D (-547) (-)

Ion 49.10 (48.80 to 49.80): VU038220.D (-547) (-)



#17

Methyl tert-butyl Ether

Concen: 0.212 ug/L

RT: 3.40 min Scan# 642

Delta R.T. 0.00 min

Lab File: VU038220.D

Acq: 18 May 2020 15:12

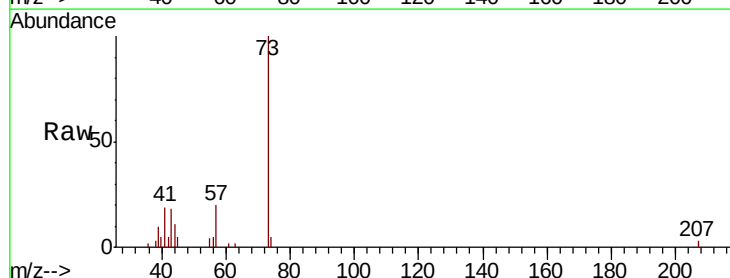
Tgt Ion: 73 Resp: 15411

Ion Ratio Lower Upper

73 100

43 21.7 16.9 25.3

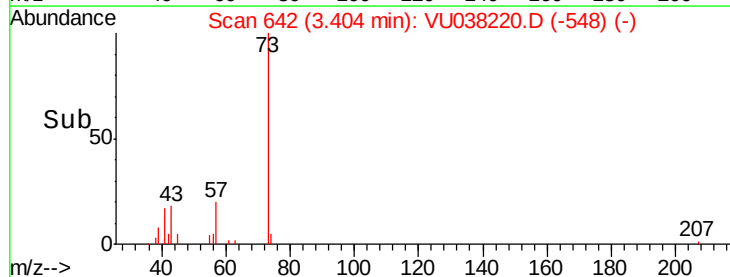
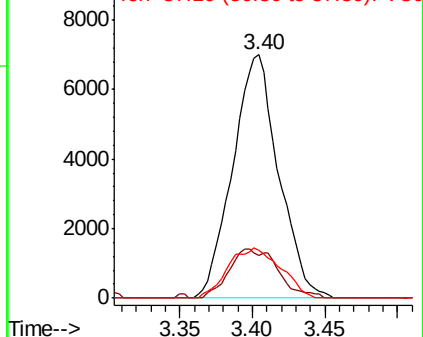
57 23.7 18.2 27.2

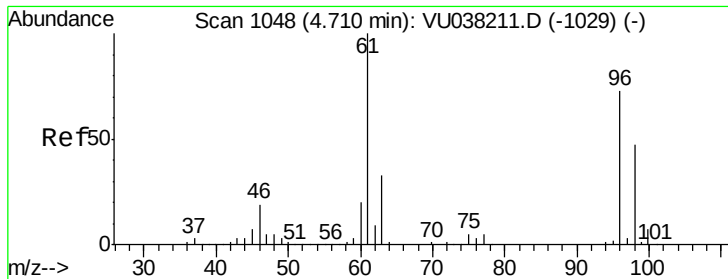


Abundance Ion 73.10 (72.80 to 73.80): VU038220.D (-548) (-)

Ion 43.05 (42.75 to 43.75): VU038220.D (-548) (-)

Ion 57.10 (56.80 to 57.80): VU038220.D (-548) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.211 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU038220.D

Acq: 18 May 2020 15:12

Instrument :
MSVOA_U
ClientSampled :

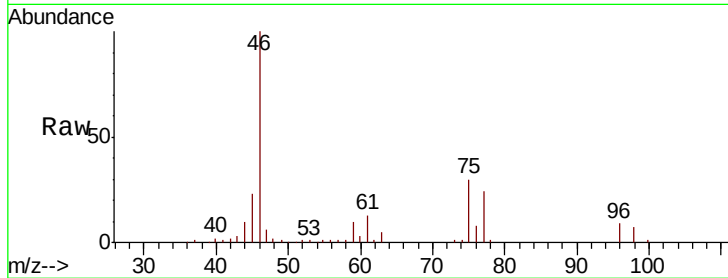
Tot Ion: 96 Resp: 6492

Ion Ratio Lower Upper

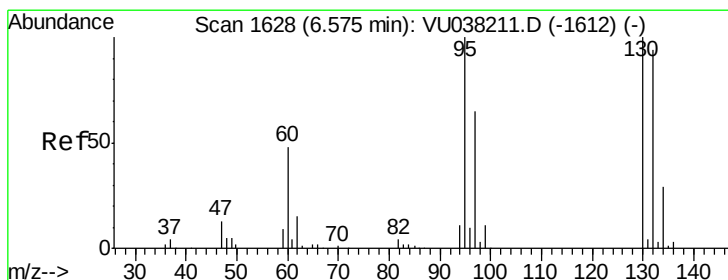
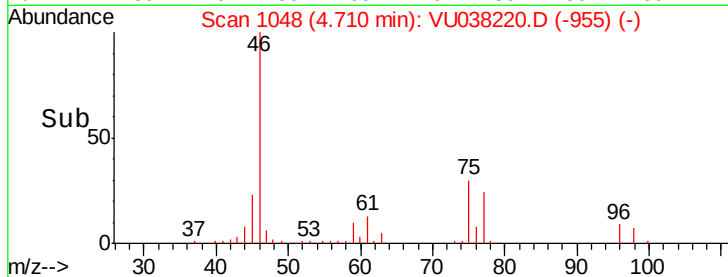
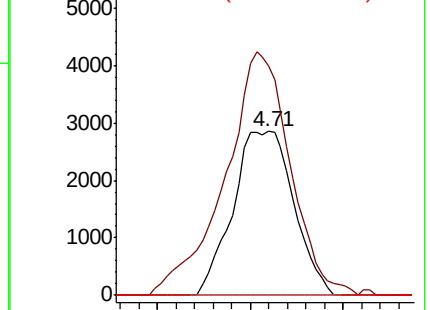
96 100

61 140.2 95.3 176.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 5.898 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038220.D

Acq: 18 May 2020 15:12

Tgt Ion: 95 Resp: 173520

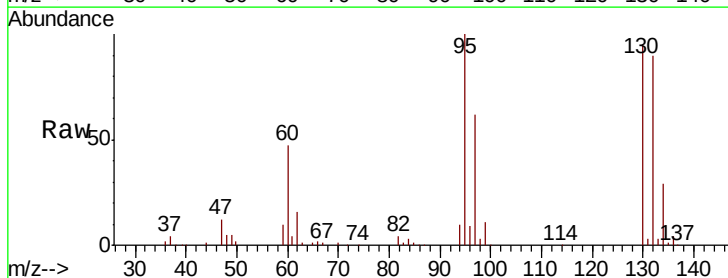
Ion Ratio Lower Upper

95 100

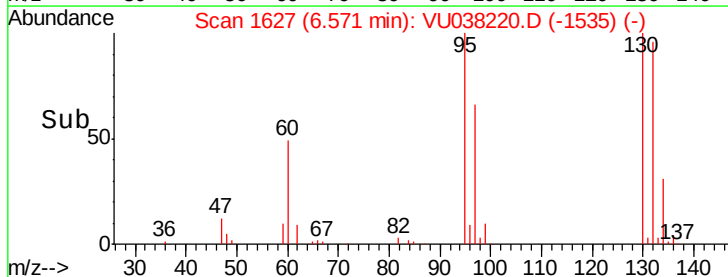
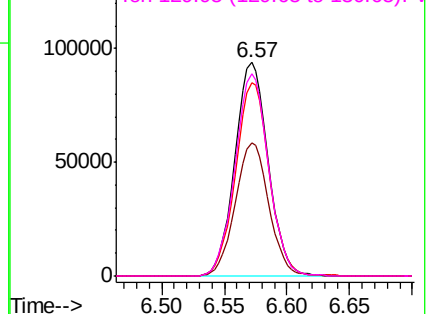
97 62.5 44.9 83.3

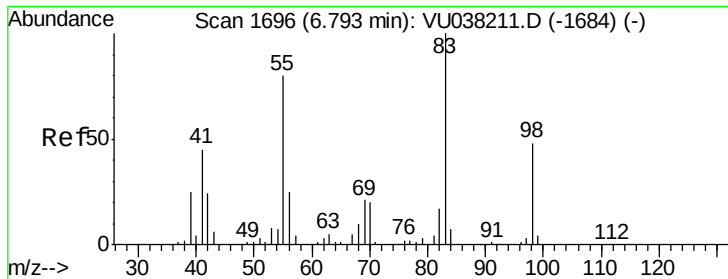
132 90.4 63.3 117.5

130 94.5 65.7 122.1



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

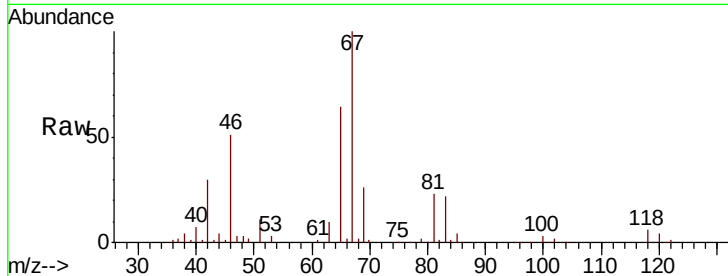




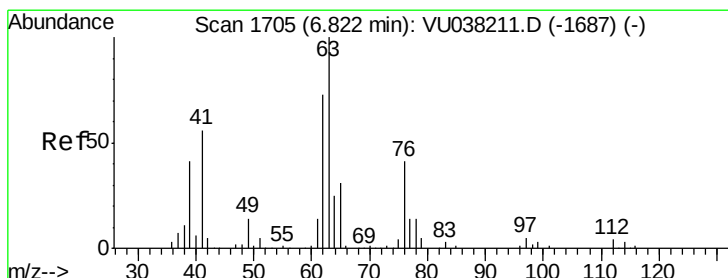
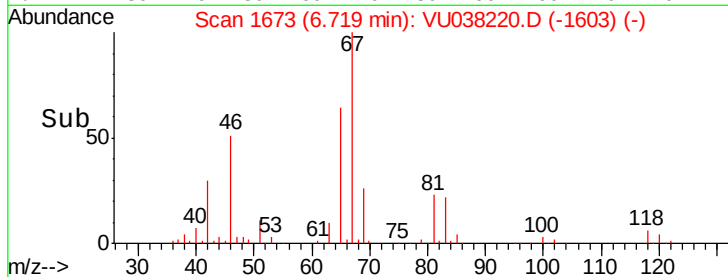
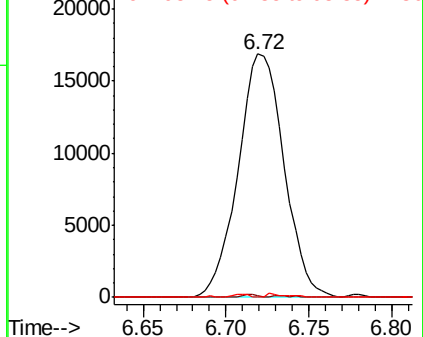
#35
Methylvlcyclohexane
Concen: 0.682 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038220.D
Acq: 18 May 2020 15:12

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 32492
Ion Ratio Lower Upper
83 100
55 0.3 66.7 100.1#
98 0.7 39.4 59.2#

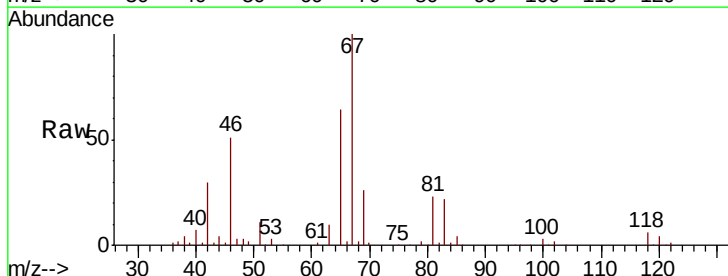


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

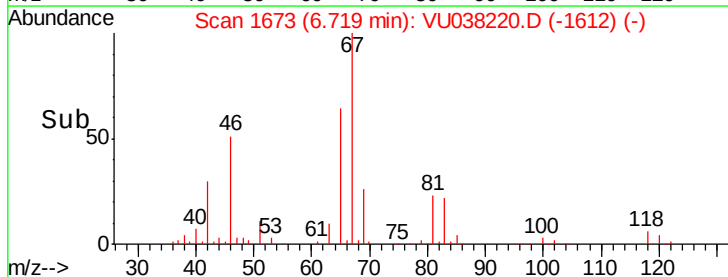
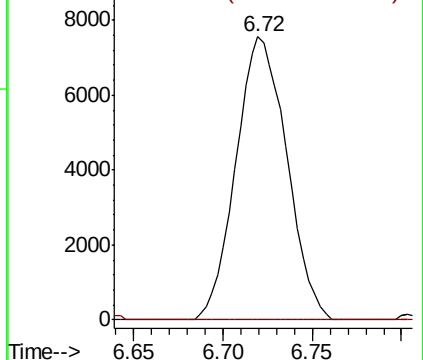


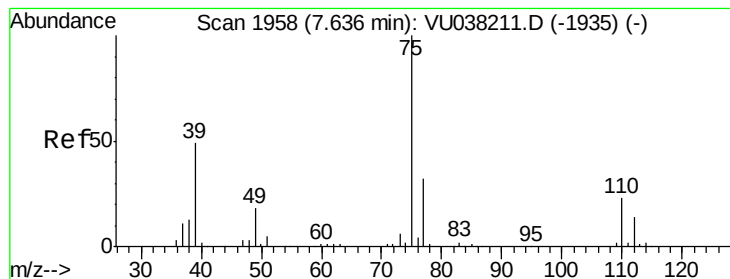
#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038220.D
Acq: 18 May 2020 15:12

Tgt Ion: 63 Resp: 15025
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



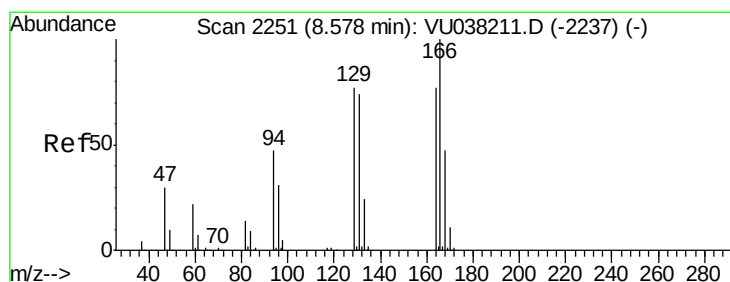
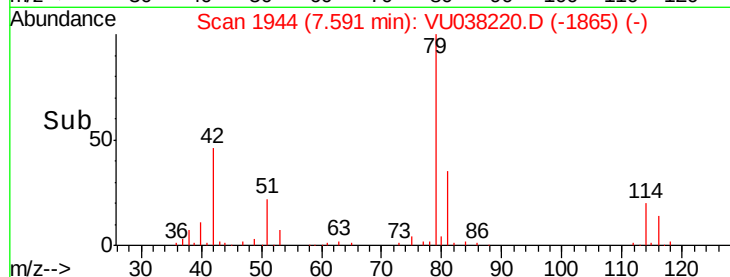
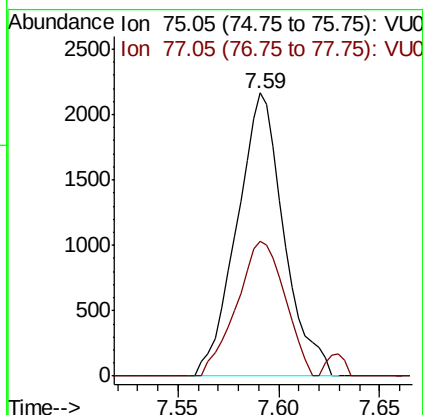
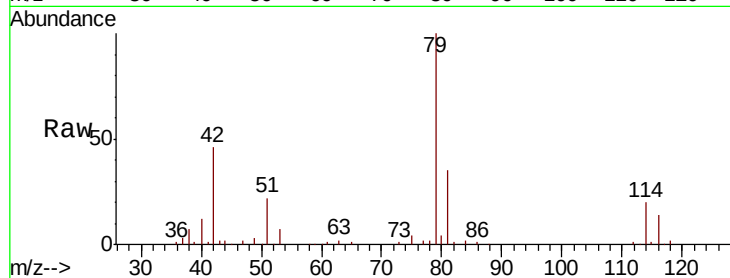


#39

cis-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038220.D
Acq: 18 May 2020 15:12

Instrument :
MSVOA_U
ClientSampleId :

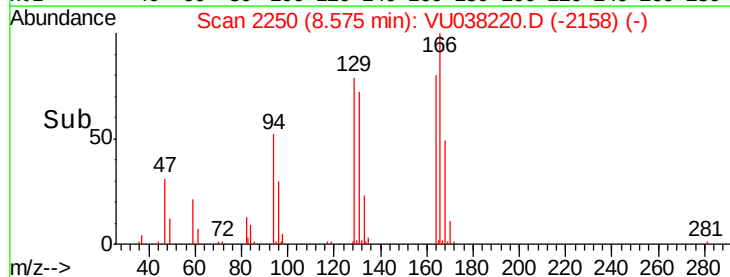
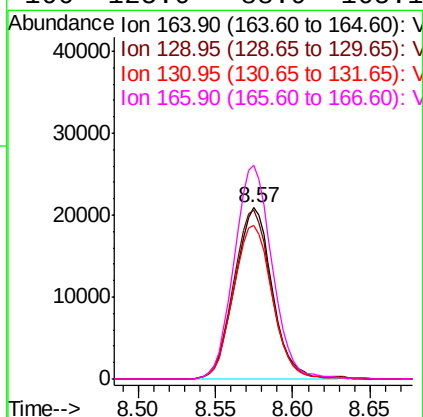
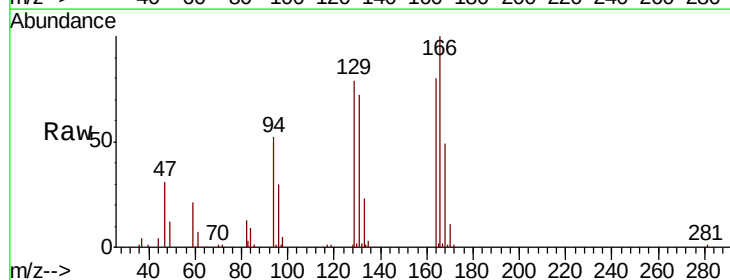
Tot Ion: 75 Resp: 3528
Ion Ratio Lower Upper
75 100
77 47.9 22.4 41.6#

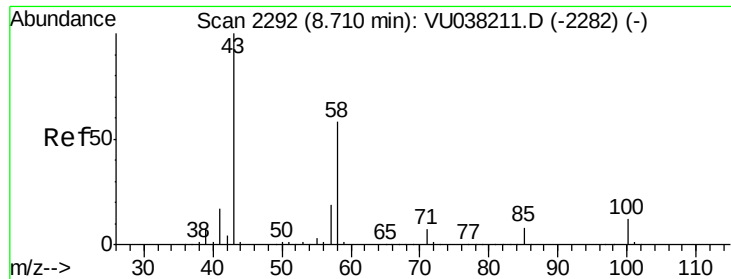


#47

Tetrachloroethene
Concen: 1.704 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU038220.D
Acq: 18 May 2020 15:12

Tgt Ion: 164 Resp: 35072
Ion Ratio Lower Upper
164 100
129 98.5 68.8 127.8
131 89.9 66.8 124.2
166 125.0 88.9 165.1

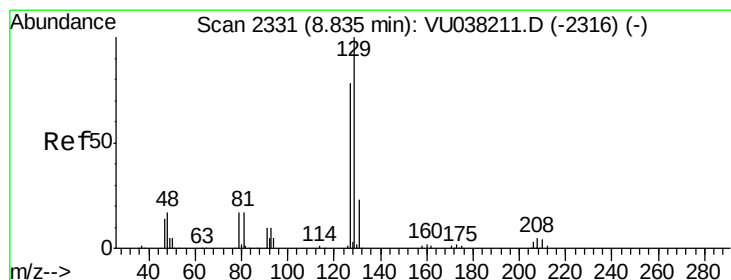
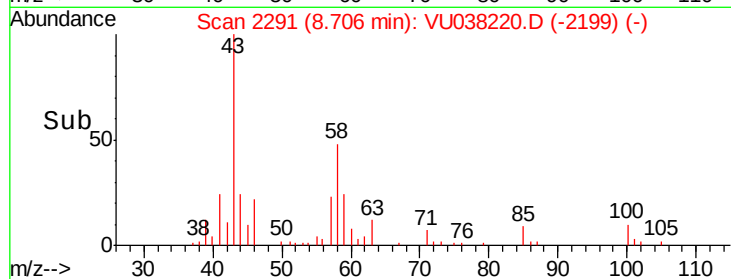
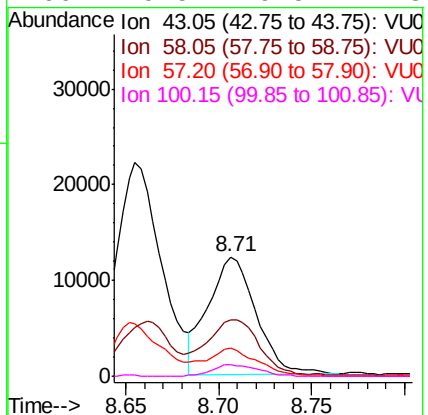
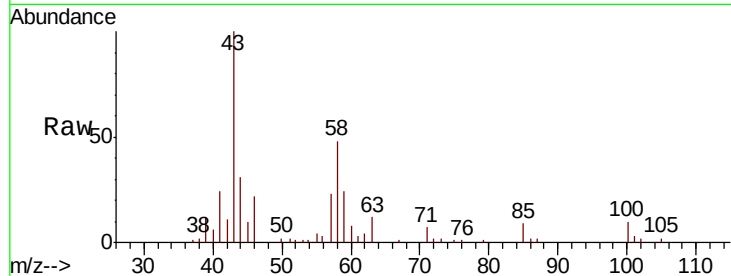




#48
2-Hexanone
Concen: 1.352 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038220.D
Acq: 18 May 2020 15:12

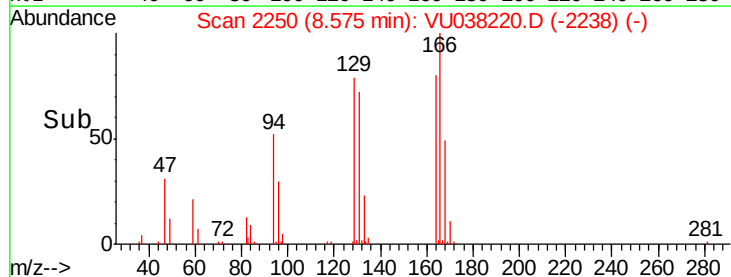
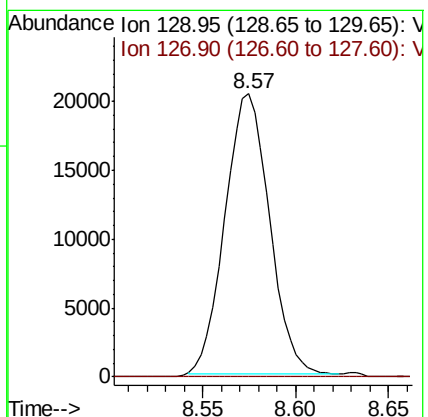
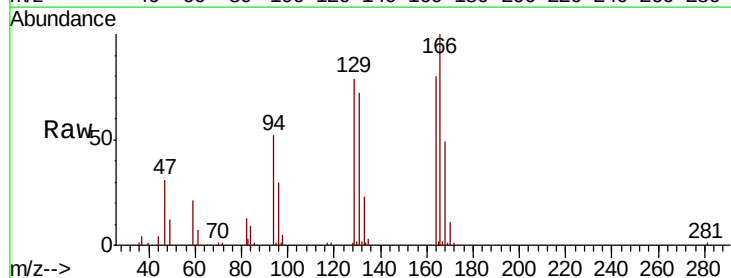
Instrument :
MSVOA_U
ClientSampled :

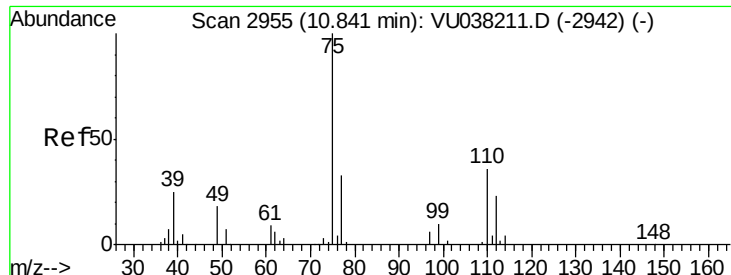
Tot Ion:	43	Resp:	21925
Ion	Ratio	Lower	Upper
43	100		
58	55.0	45.2	67.8
57	25.4	15.5	23.3#
100	9.5	9.5	14.3



#49
Dibromochloromethane
Concen: 1.463 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038220.D
Acq: 18 May 2020 15:12

Tgt Ion:	129	Resp:	33684
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#





#59

1,2,3-Trichloropropane

Concen: 1.071 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038220.D

Acq: 18 May 2020 15:12

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 22970

Ion Ratio Lower Upper

75 100

77 37.7 25.4 38.0

