

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061620\
 Data File : VU038925.D
 Acq On : 16 Jun 2020 15:54
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK22

Quant Time: Jun 17 02:02:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 02:00:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252068	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60168	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	56117	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.59	63	99472	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.69	46	246402	54.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.40%
24) Chloroform-d	5.10	84	147244	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	88221	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.76	84	278281	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.72	67	89208	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.92	98	221392	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	34301	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.66	63	196063	51.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103609	6.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.20%#
64) 1,2-Dichlorobenzene-d4	12.20	152	92608	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

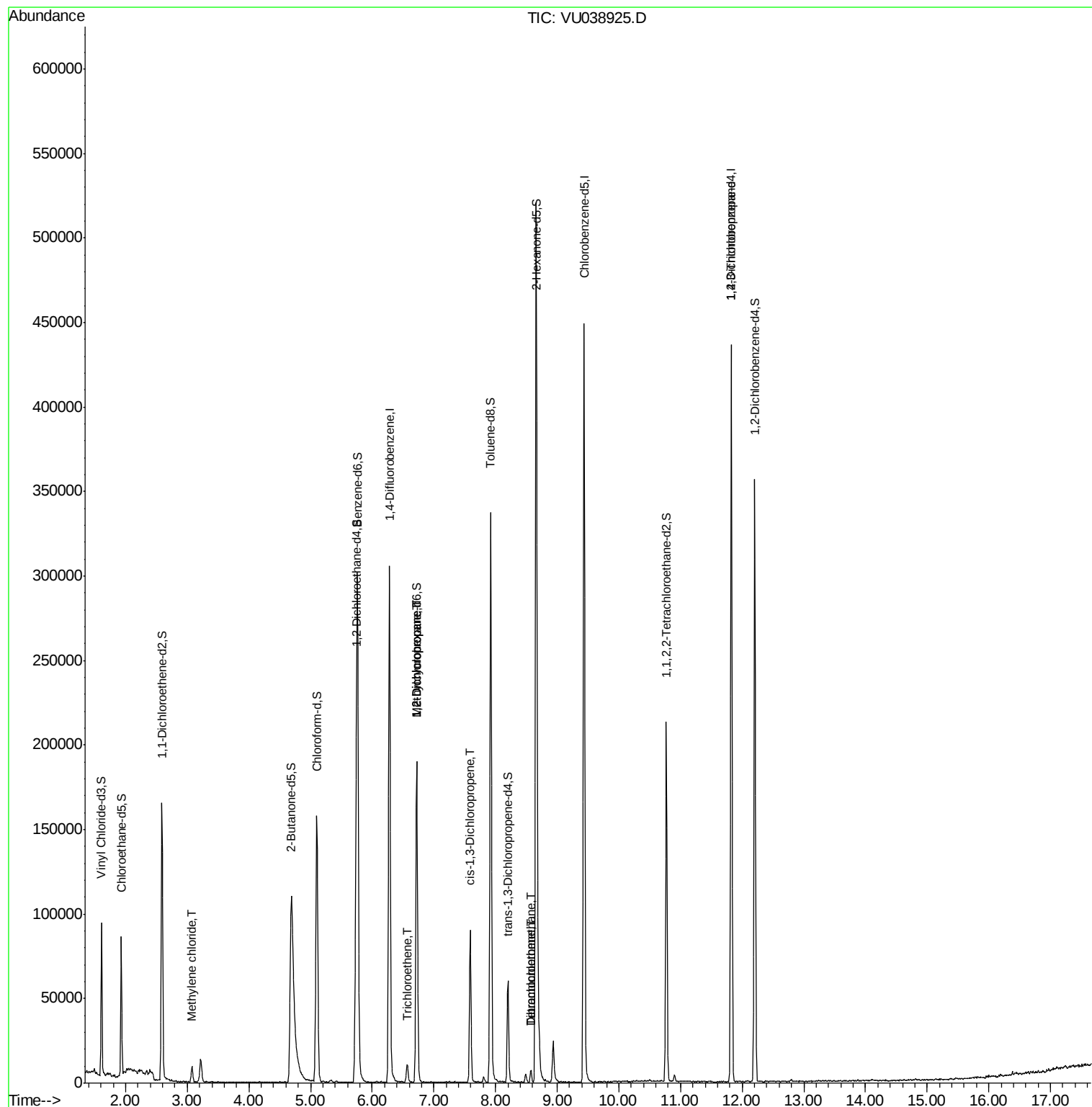
					Ovalue
16) Methylene chloride	3.08	84	4245	0.207 ug/L	99
34) Trichloroethene	6.58	95	2673	0.137 ug/L	88
35) Methylcyclohexane	6.72	83	21929	0.755 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	9963	0.517 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2464	0.089 ug/L #	55
47) Tetrachloroethene	8.58	164	1634	0.109 ug/L	81
49) Dibromochloromethane	8.58	129	1596	0.093 ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	14716	0.991 ug/L	91

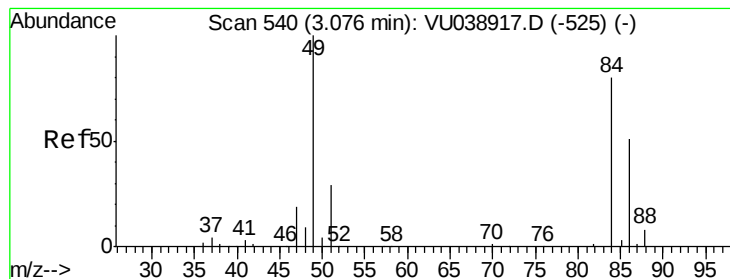
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 02:00:04 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.207 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038925.D

Acq: 16 Jun 2020 15:54

Instrument :

MSVOA_U

ClientSampleId :

VIBLK22

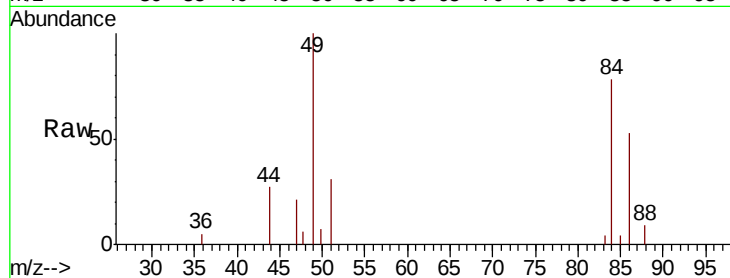
Tot Ion: 84 Resp: 4245

Ion Ratio Lower Upper

84 100

86 68.4 47.9 89.1

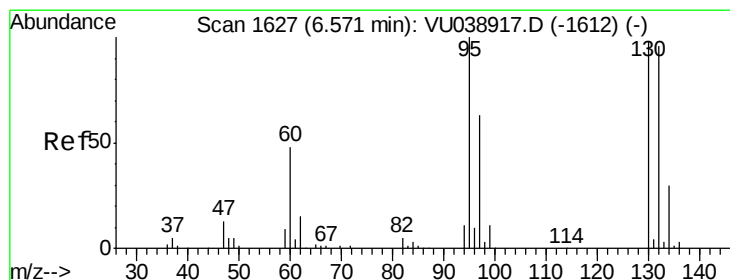
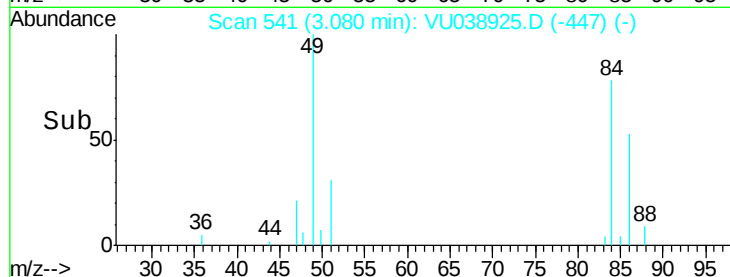
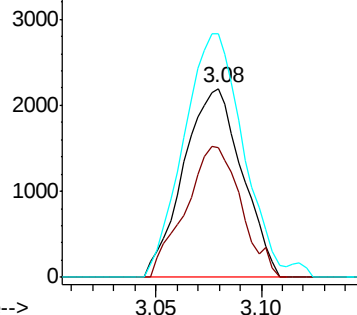
49 128.8 88.4 164.2



Abundance Ion 84.05 (83.75 to 84.75): VU038917.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038917.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038917.D (-525) (-)



#34

Trichloroethene

Concen: 0.137 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VU038925.D

Acq: 16 Jun 2020 15:54

Tgt Ion: 95 Resp: 2673

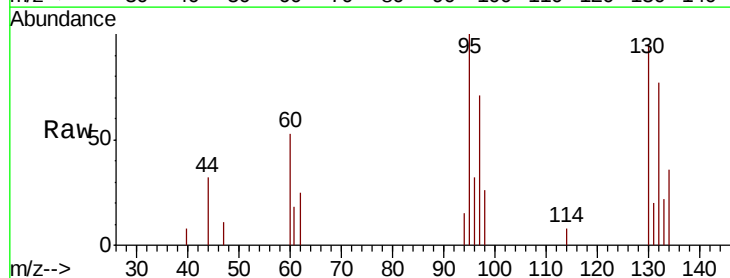
Ion Ratio Lower Upper

95 100

97 71.2 46.1 85.5

132 76.7 68.2 126.6

130 95.5 71.0 131.9

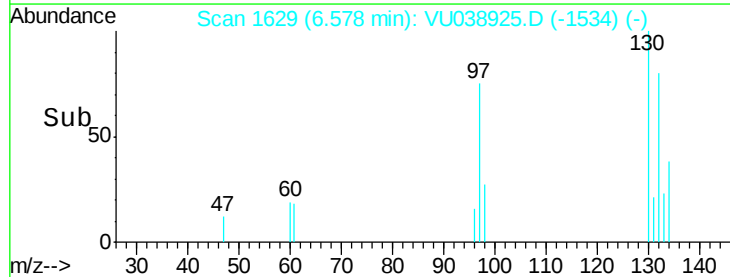
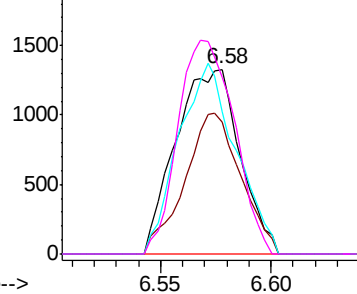


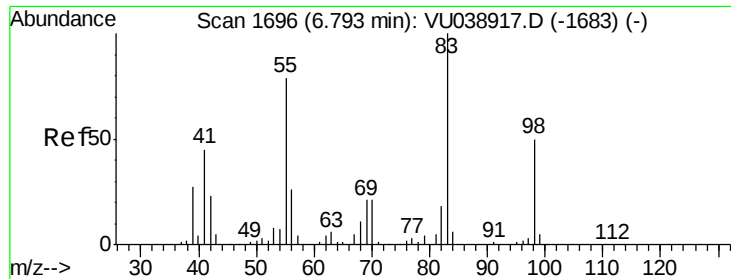
Abundance Ion 95.00 (94.70 to 95.70): VU038917.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU038917.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU038917.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU038917.D (-1612) (-)

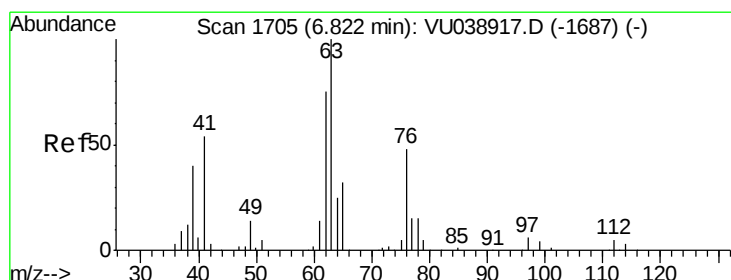
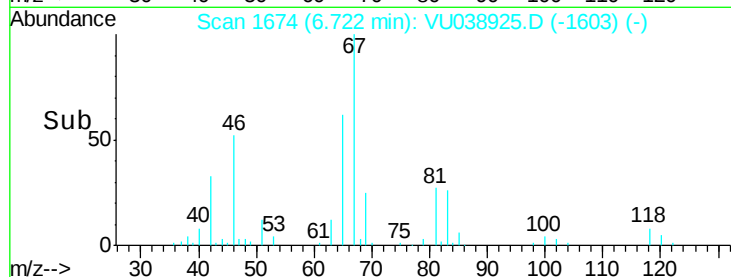
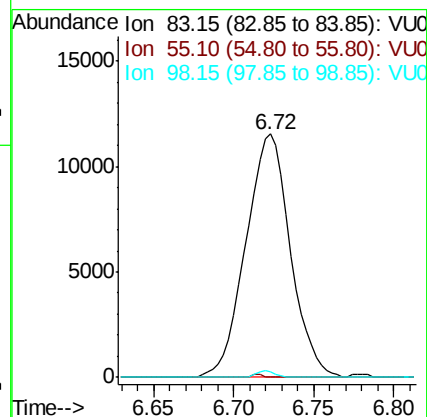
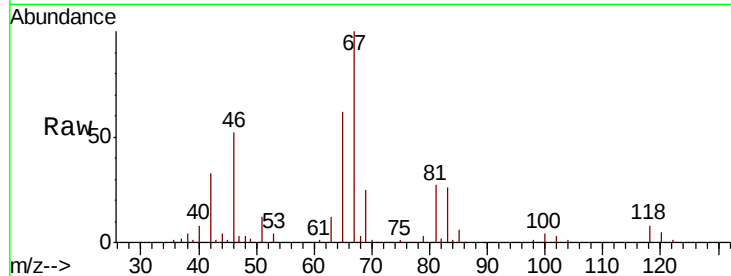




#35
Methvlcvclohexane
Concen: 0.755 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038925.D
Acq: 16 Jun 2020 15:54

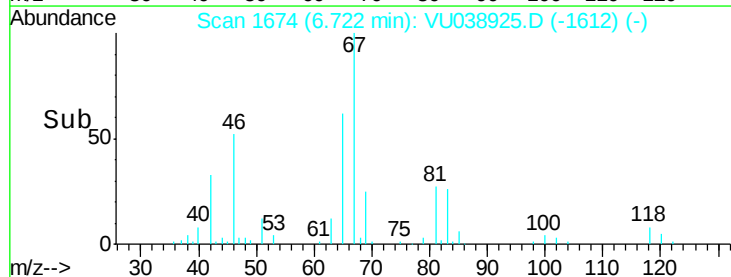
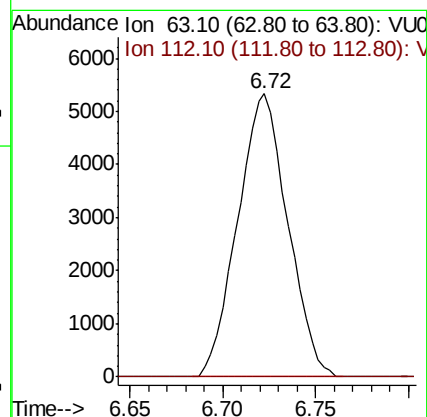
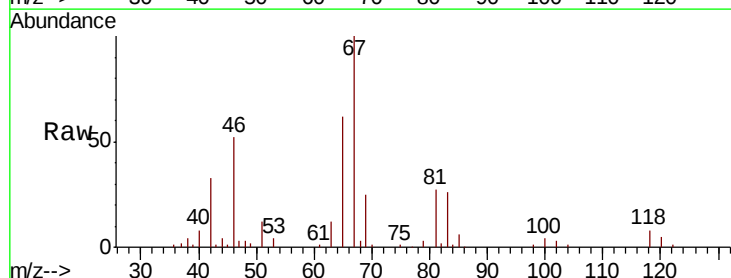
Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

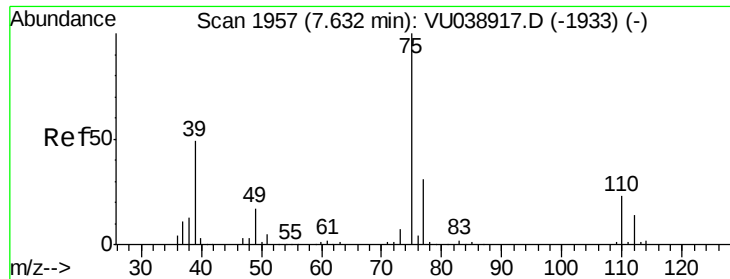
Tot Ion: 83 Resp: 21929
Ion Ratio Lower Upper
83 100
55 0.3 63.6 95.4#
98 1.1 38.9 58.3#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038925.D
Acq: 16 Jun 2020 15:54

Tgt Ion: 63 Resp: 9963
Ion Ratio Lower Upper
63 100
112 0.7 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038925.D

Acq: 16 Jun 2020 15:54

Instrument :

MSVOA_U

ClientSampleId :

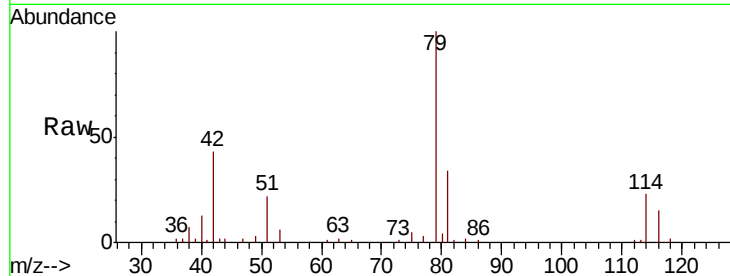
VIBLK22

Tot Ion: 75 Resp: 2464

Ion Ratio Lower Upper

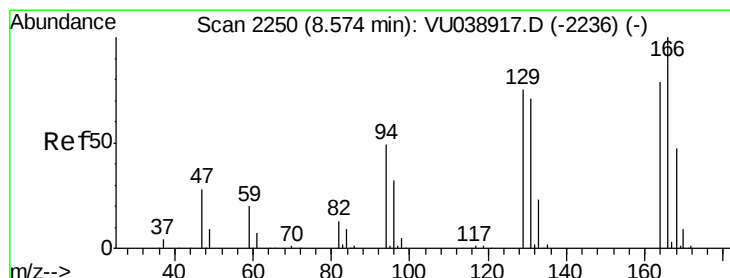
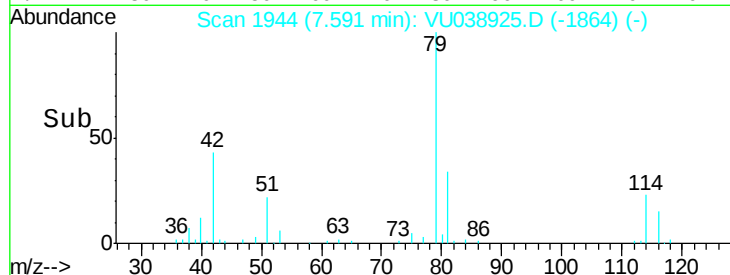
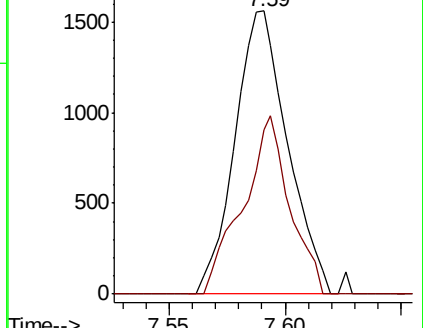
75 100

77 58.2 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038917.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU038917.D (-1933) (-)



#47

Tetrachloroethene

Concen: 0.109 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU038925.D

Acq: 16 Jun 2020 15:54

Tgt Ion:164 Resp: 1634

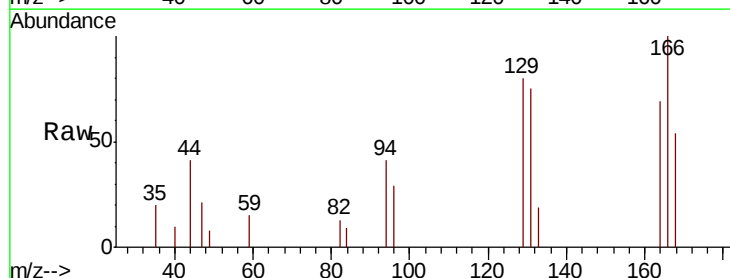
Ion Ratio Lower Upper

164 100

129 115.3 65.5 121.7

131 108.6 63.9 118.7

166 144.9 87.9 163.3

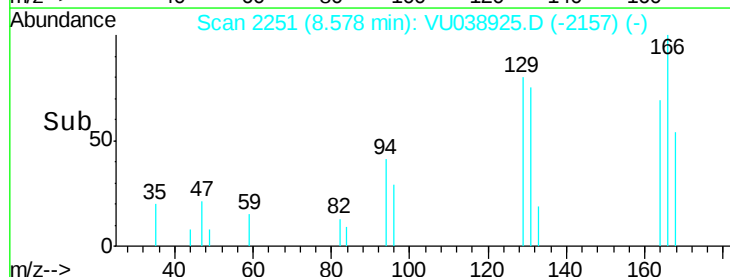
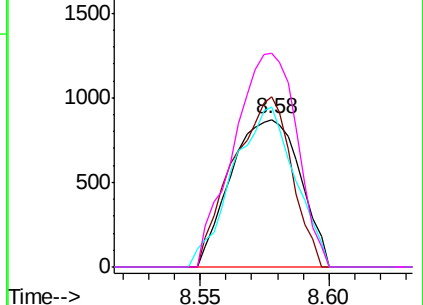


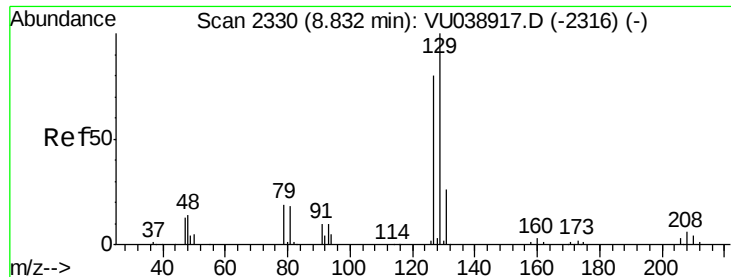
Abundance Ion 163.90 (163.60 to 164.60): VU038917.D (-2236) (-)

Ion 128.95 (128.65 to 129.65): VU038917.D (-2236) (-)

Ion 130.95 (130.65 to 131.65): VU038917.D (-2236) (-)

Ion 165.90 (165.60 to 166.60): VU038917.D (-2236) (-)

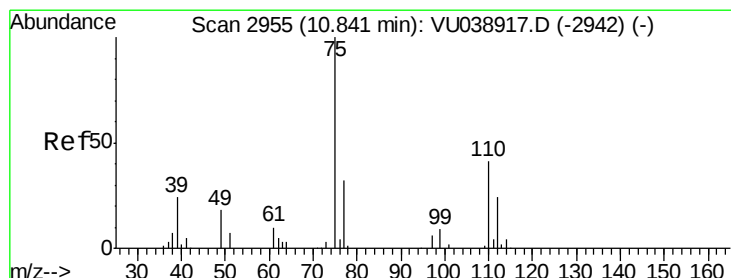
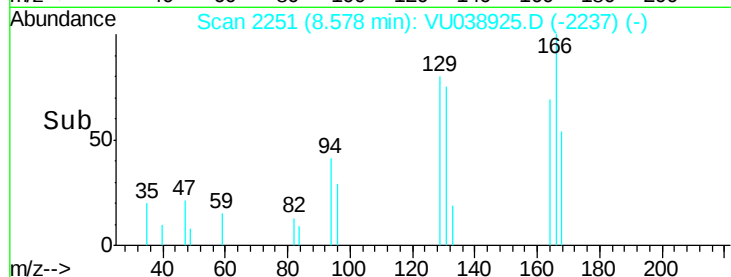
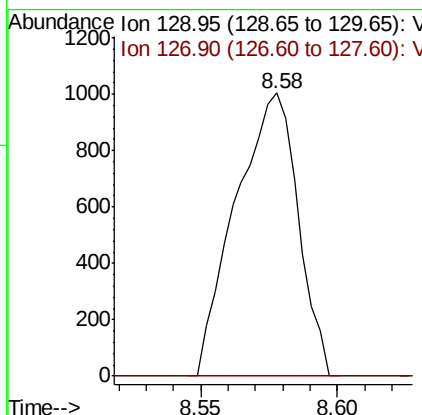
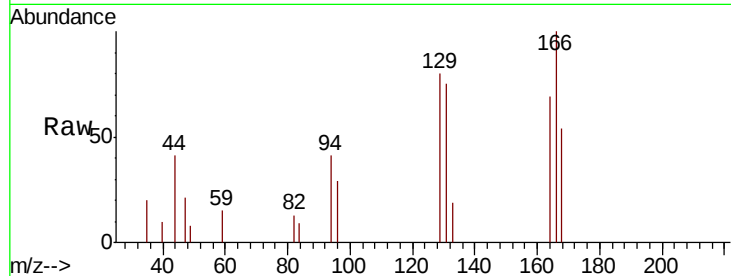




#49
Dibromochloromethane
Concen: 0.093 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.25 min
Lab File: VU038925.D
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ClientSampleId :
VIBLK22

Tot Ion:129 Resp: 1596
Ion Ratio Lower Upper
129 100
127 0.0 56.7 105.3#



#59
1,2,3-Trichloropropane
Concen: 0.991 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038925.D
Acq: 16 Jun 2020 15:54

Tgt Ion: 75 Resp: 14716
Ion Ratio Lower Upper
75 100
77 37.4 25.9 38.9

