

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038981.D
 Acq On : 18 Jun 2020 19:32
 Operator : SY/MD
 Sample : L3040-14DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L36DL

Quant Time: Jun 19 01:21:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292593	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293540	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	136384	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76759	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.93	69	70580	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.59	63	125168	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.67	46	337603	51.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.88%
24) Chloroform-d	5.10	84	173845	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.74	65	102808	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.76	84	326972	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.72	67	104922	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.92	98	264976	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	8.20	79	43935	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.66	63	329840	57.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99376	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	114484	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

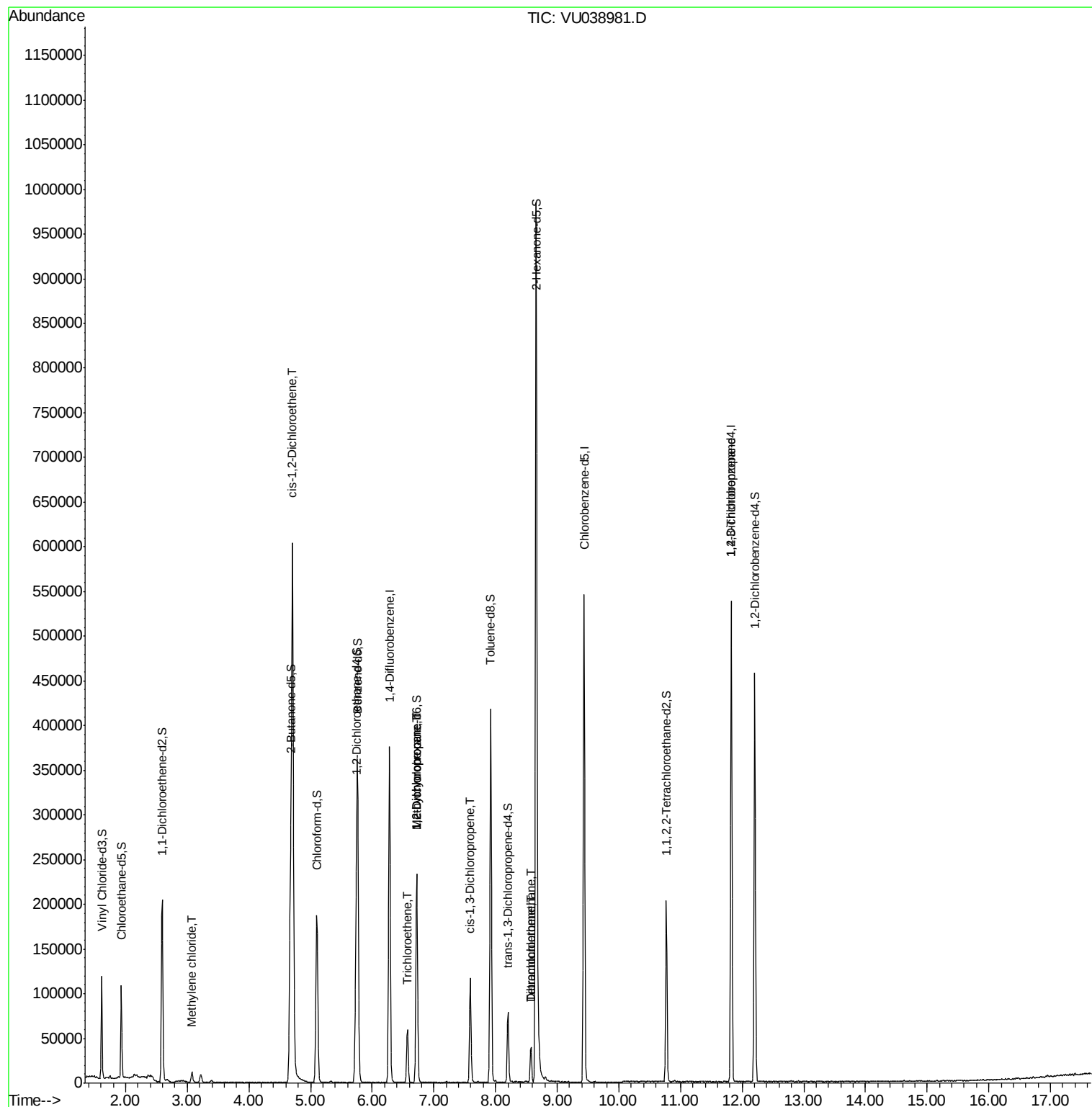
					Ovalue
16) Methylene chloride	3.08	84	5107	0.216 ug/L	92
22) cis-1,2-Dichloroethene	4.71	96	253086	11.413 ug/L	97
34) Trichloroethene	6.57	95	19207	0.863 ug/L	93
35) Methylcyclohexane	6.72	83	26073	0.739 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12551	0.548 ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	2947	0.088 ug/L #	65
47) Tetrachloroethene	8.57	164	8171	0.474 ug/L	96
49) Dibromochloromethane	8.57	129	8085	0.397 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	16268	0.921 ug/L #	82

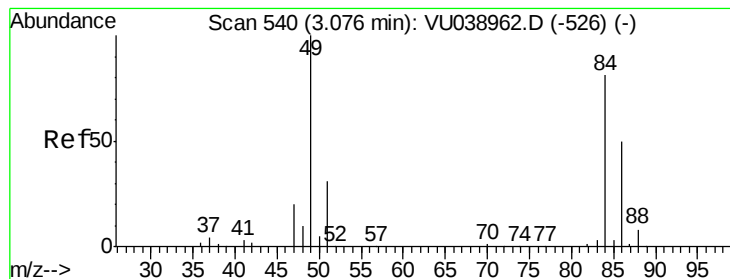
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.216 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038981.D

Acq: 18 Jun 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

F9L36DL

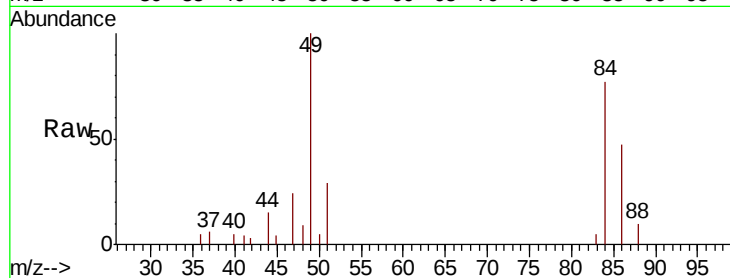
Tot Ion: 84 Resp: 5107

Ion Ratio Lower Upper

84 100

86 60.6 45.1 83.7

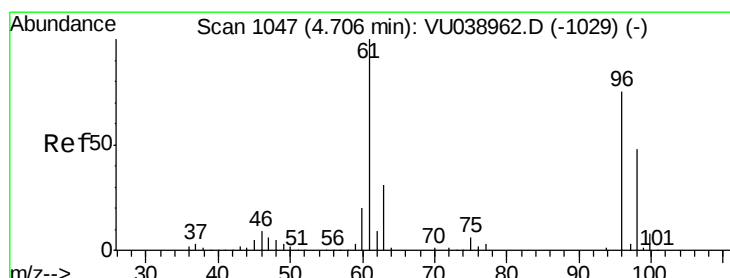
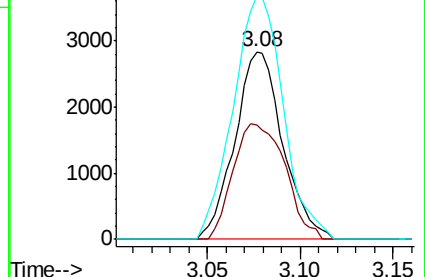
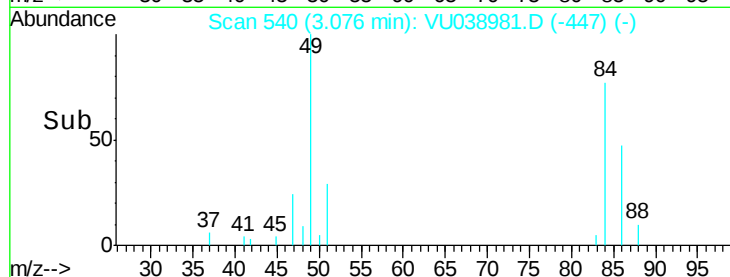
49 129.6 83.7 155.4



Abundance Ion 84.05 (83.75 to 84.75): VU038981.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU038981.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU038981.D (-447) (-)



#22

cis-1,2-Dichloroethene

Concen: 11.413 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU038981.D

Acq: 18 Jun 2020 19:32

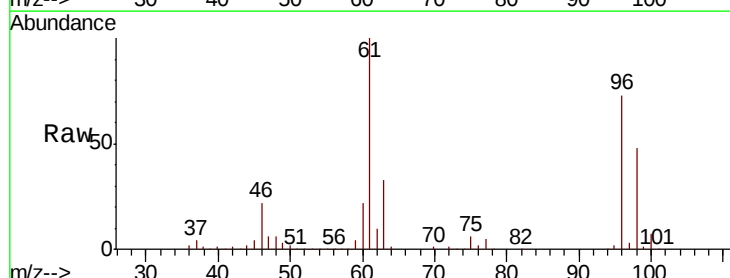
Tgt Ion: 96 Resp: 253086

Ion Ratio Lower Upper

96 100

61 136.8 93.7 173.9

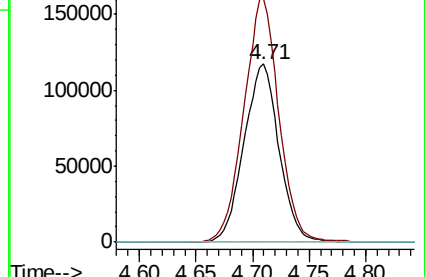
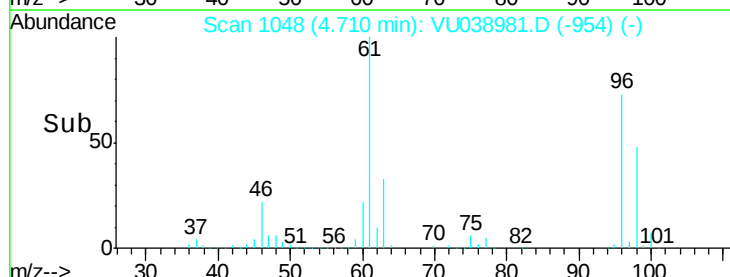
68 0.0 0.0 0.0

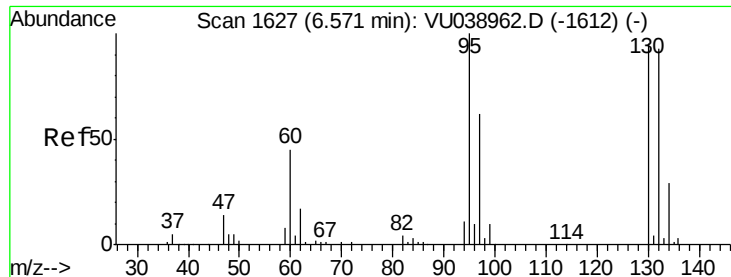


Abundance Ion 96.00 (95.70 to 96.70): VU038981.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038981.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038981.D (-954) (-)





#34

Trichloroethene

Concen: 0.863 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038981.D

Acq: 18 Jun 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

F9L36DL

Tot Ion: 95 Resp: 19207

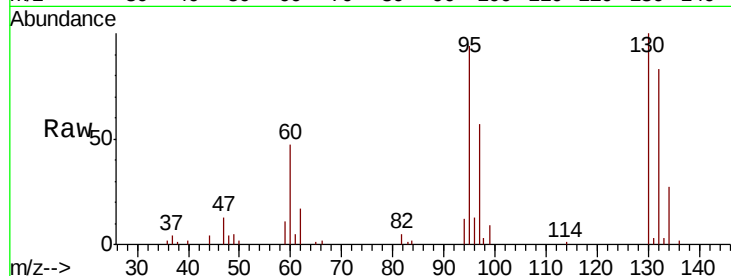
Ion Ratio Lower Upper

95 100

97 60.8 45.4 84.4

132 88.7 68.4 127.0

130 106.7 69.6 129.2

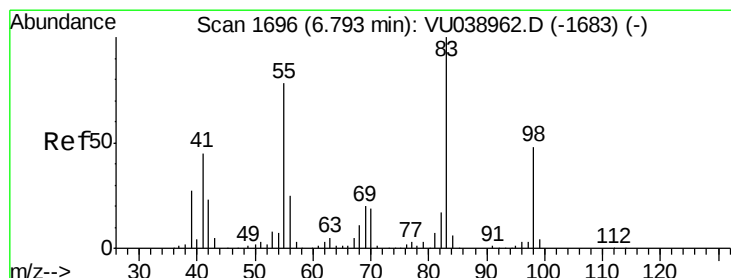
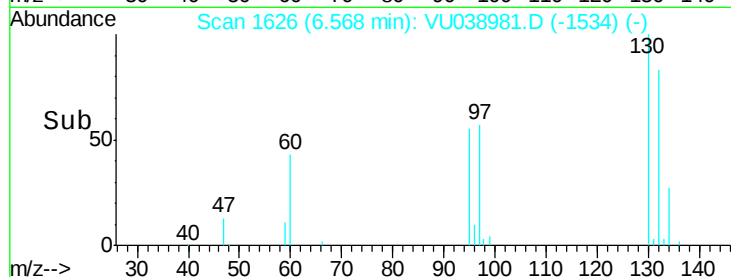
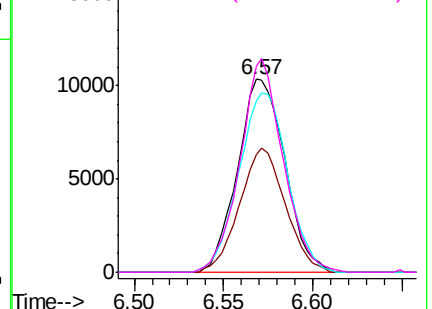


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.739 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038981.D

Acq: 18 Jun 2020 19:32

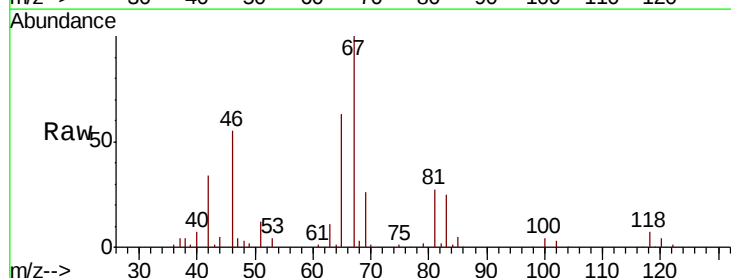
Tgt Ion: 83 Resp: 26073

Ion Ratio Lower Upper

83 100

55 0.0 61.8 92.8#

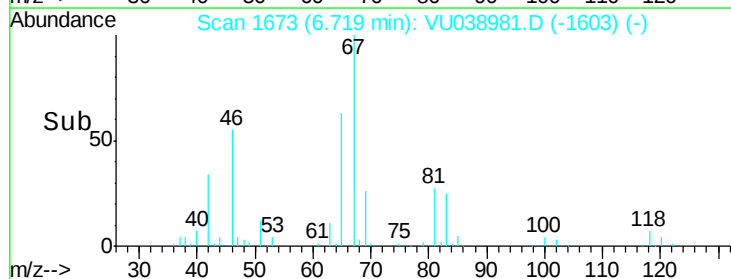
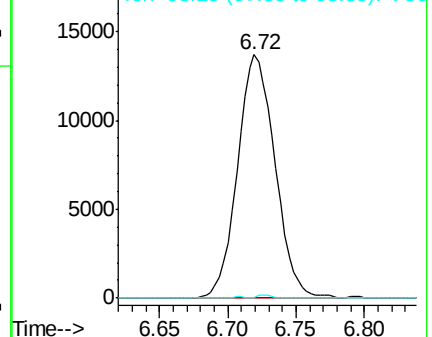
98 0.5 39.3 58.9#

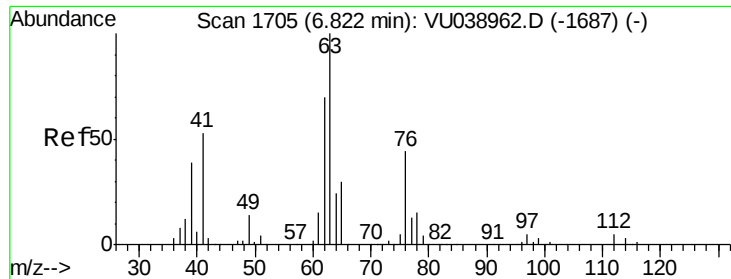


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

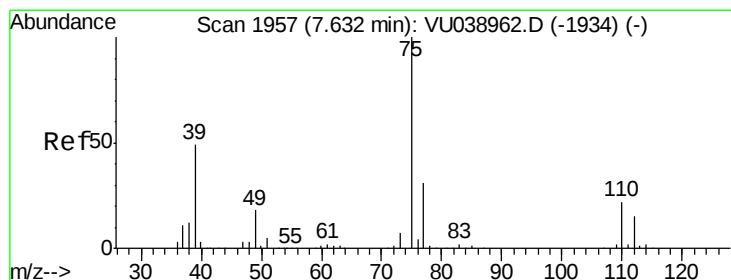
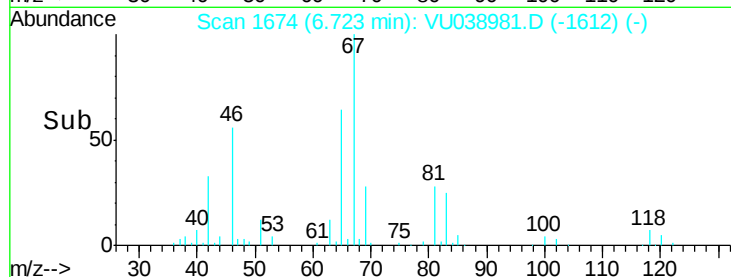
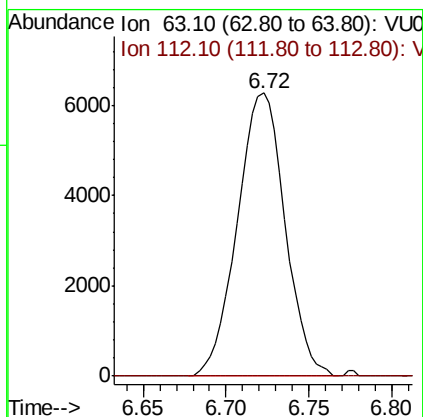
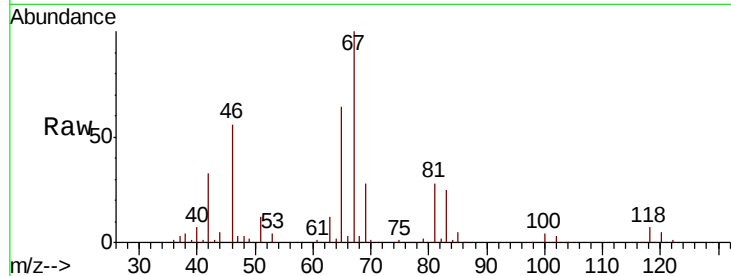




#37
 1,2-Dichloropropane
 Concen: 0.548 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038981.D
 Acq: 18 Jun 2020 19:32

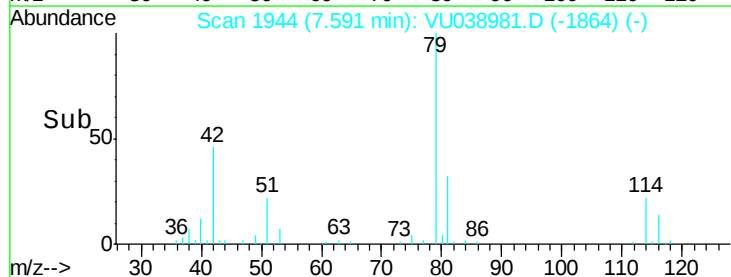
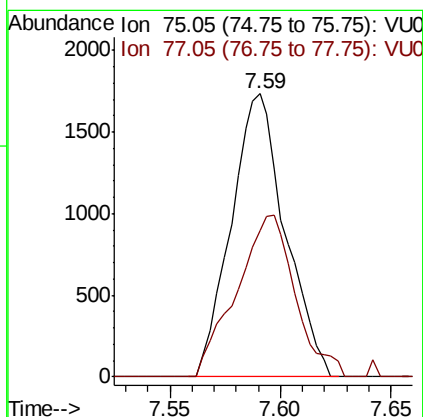
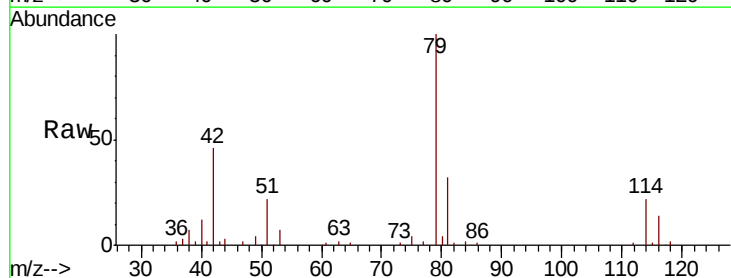
Instrument :
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 F9L36DL

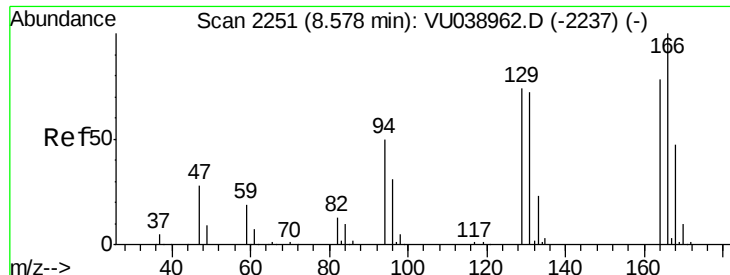
Tot Ion: 63 Resp: 12551
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038981.D
 Acq: 18 Jun 2020 19:32

Tgt Ion: 75 Resp: 2947
 Ion Ratio Lower Upper
 75 100
 77 51.7 22.4 41.6#





#47

Tetrachloroethene

Concen: 0.474 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038981.D

Acq: 18 Jun 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

F9L36DL

Tot Ion:164 Resp: 8171

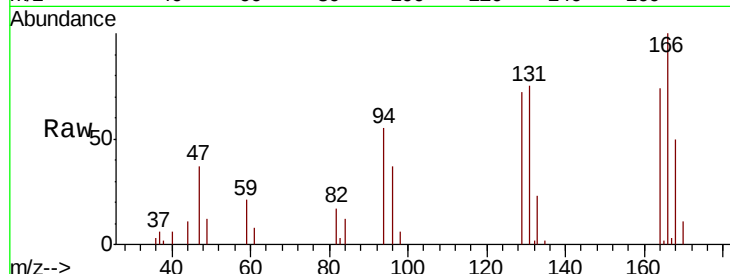
Ion Ratio Lower Upper

164 100

129 97.5 66.1 122.8

131 101.4 65.7 122.1

166 135.4 93.0 172.8

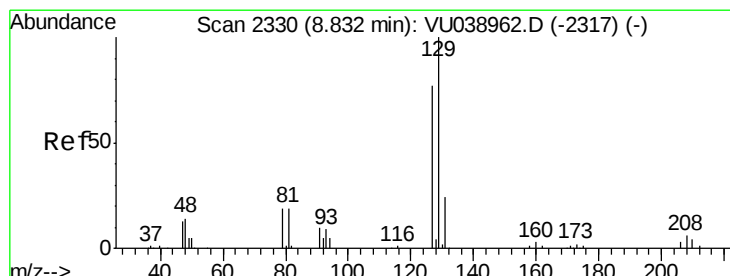
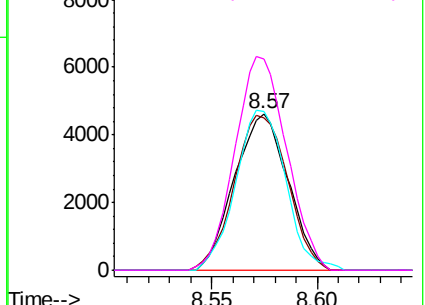
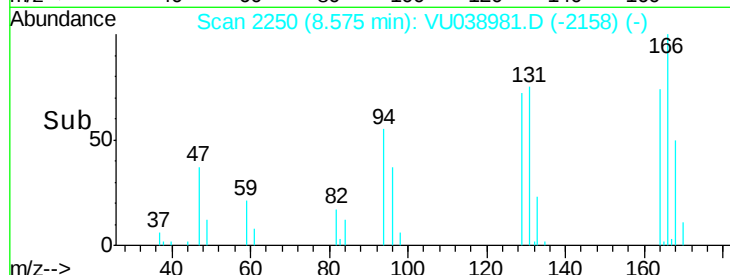


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.397 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU038981.D

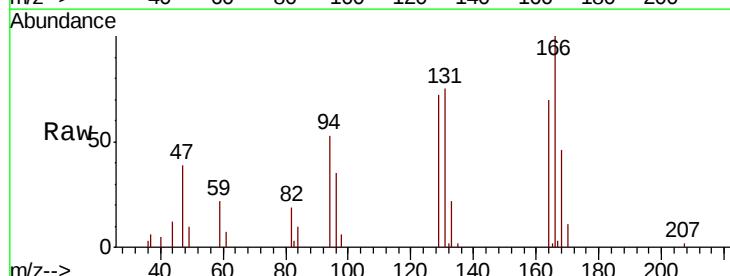
Acq: 18 Jun 2020 19:32

Tgt Ion:129 Resp: 8085

Ion Ratio Lower Upper

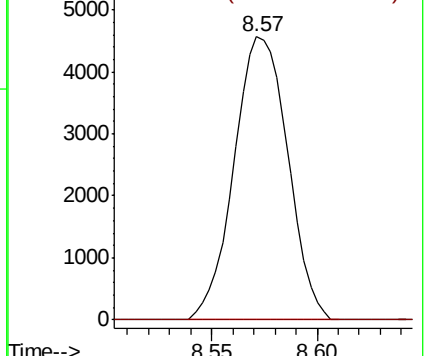
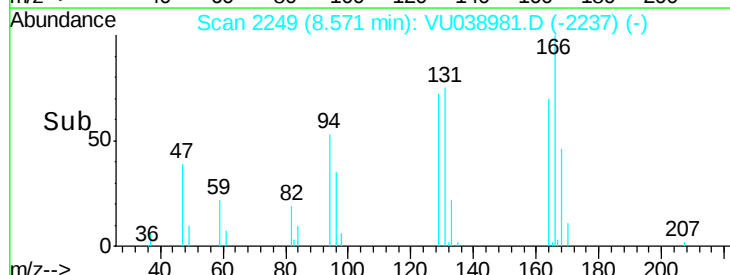
129 100

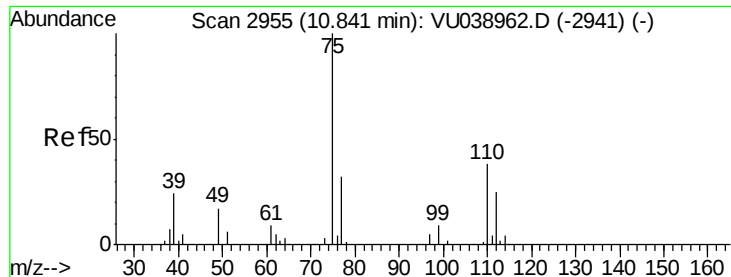
127 0.0 54.9 101.9#



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: 0.921 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038981.D

Acq: 18 Jun 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

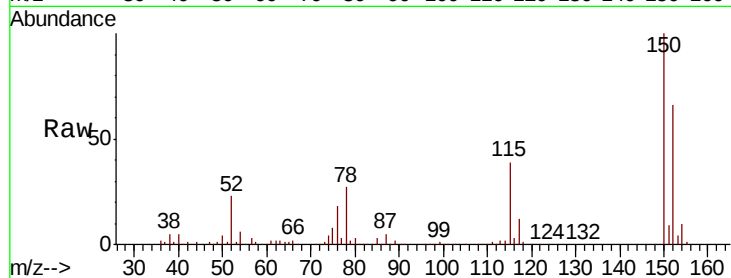
F9L36DL

Tot Ion: 75 Resp: 16268

Ion Ratio Lower Upper

75 100

77 41.6 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

