

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038873.D
 Acq On : 13 Jun 2020 01:18
 Operator : SY/MD
 Sample : L2975-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 02:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 02:52:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	246241	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	241106	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	107016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67020	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.93	69	58575	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.59	63	108701	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.68	46	250127	59.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.76%
24) Chloroform-d	5.10	84	154181	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.74	65	94503	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.76	84	296930	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.72	67	93044	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.92	98	236943	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	36981	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.66	63	206862	62.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	82053	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	96168	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

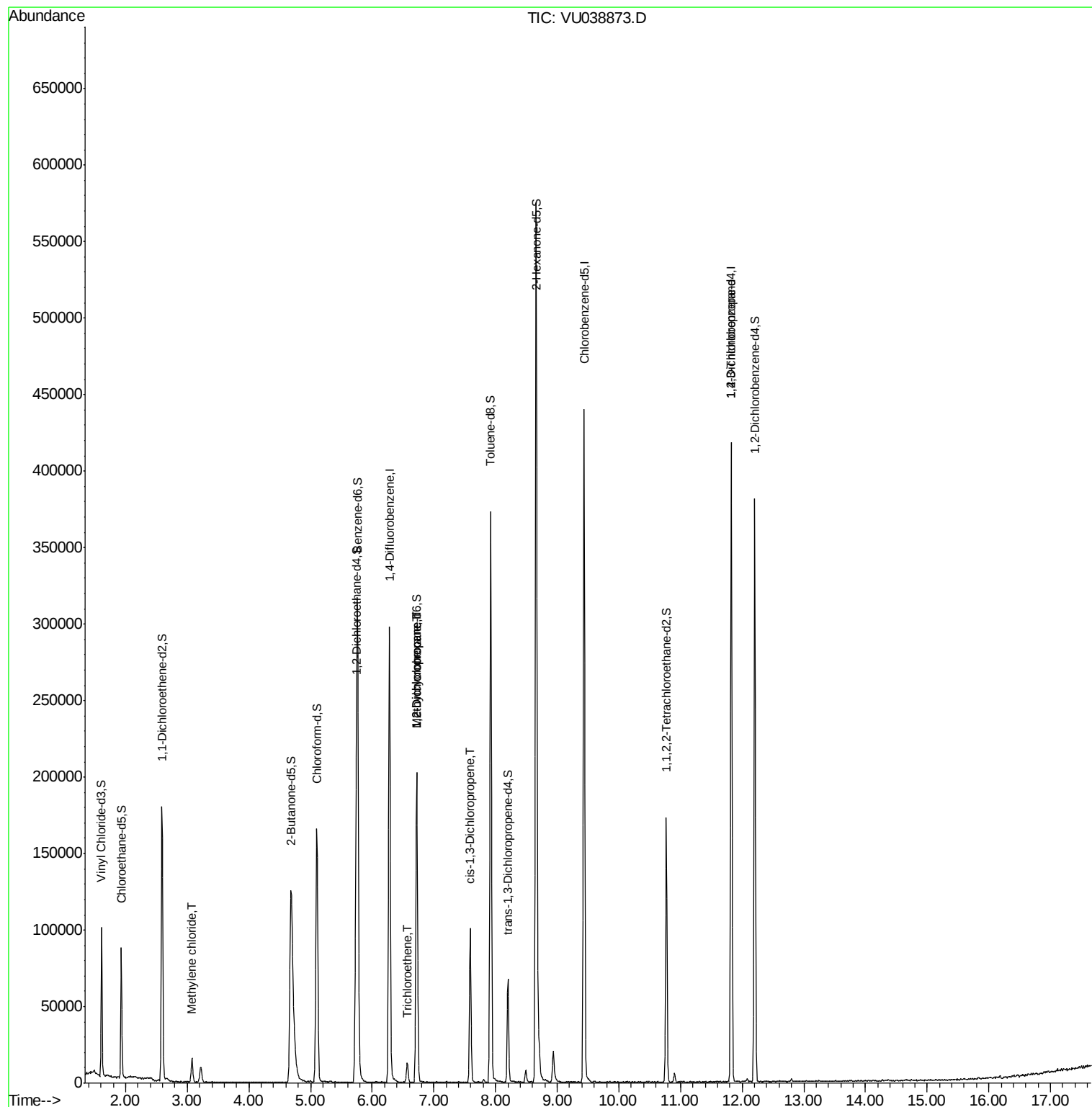
					Ovalue
16) Methylene chloride	3.08	84	6798	0.343 ug/L #	72
34) Trichloroethene	6.57	95	3400	0.179 ug/L	92
35) Methylcyclohexane	6.72	83	22158	0.749 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	10519	0.573 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2676	0.098 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	12292	0.903 ug/L #	79

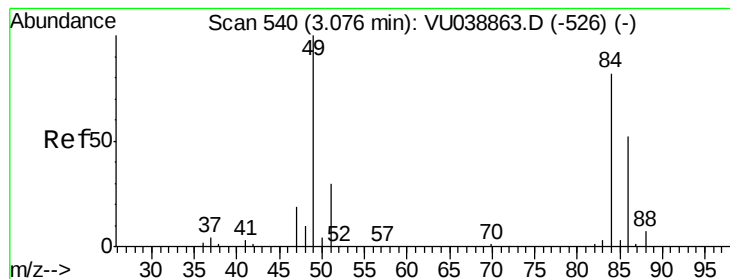
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 02:52:53 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.343 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038873.D

Acq: 13 Jun 2020 01:18

Instrument :

MSVOA_U

ClientSampleId :

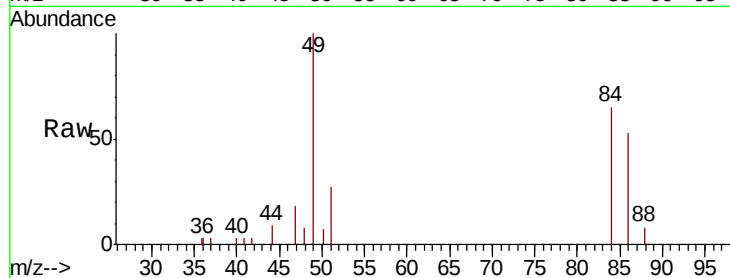
Tot Ion: 84 Resp: 6798

Ion Ratio Lower Upper

84 100

86 81.4 43.0 80.0#

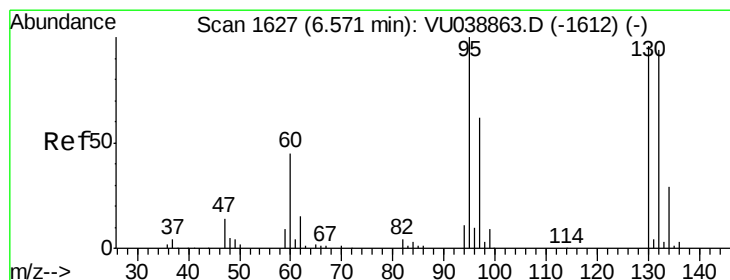
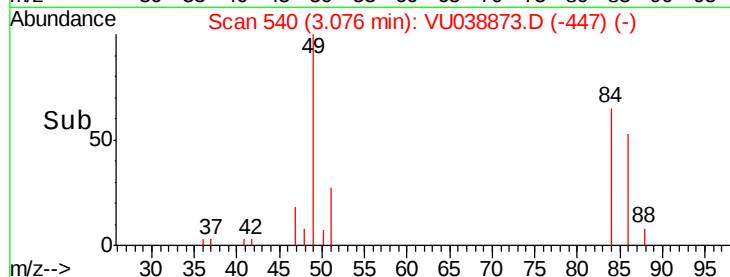
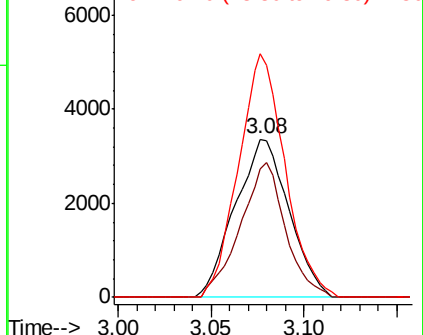
49 154.2 85.0 157.8



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#34

Trichloroethene

Concen: 0.179 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038873.D

Acq: 13 Jun 2020 01:18

Tgt Ion: 95 Resp: 3400

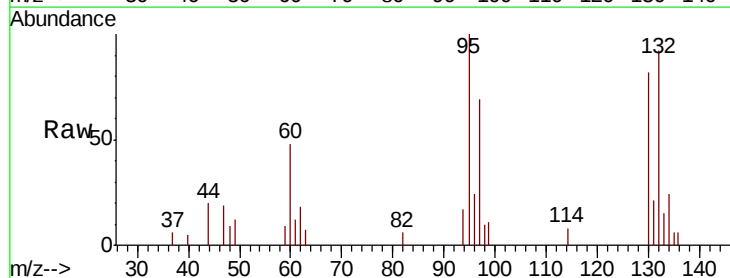
Ion Ratio Lower Upper

95 100

97 69.0 46.1 85.5

132 91.9 67.5 125.3

130 82.5 66.7 123.9

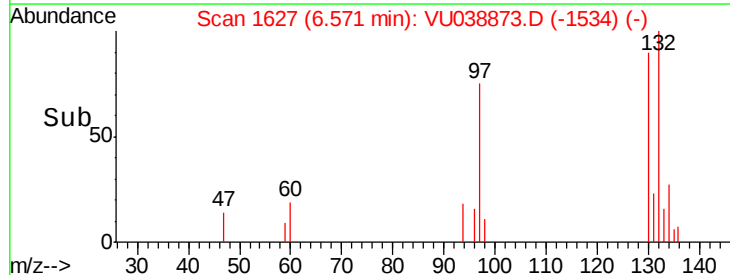
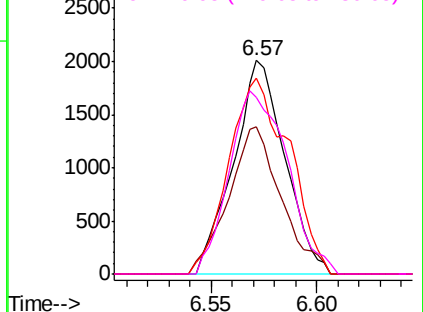


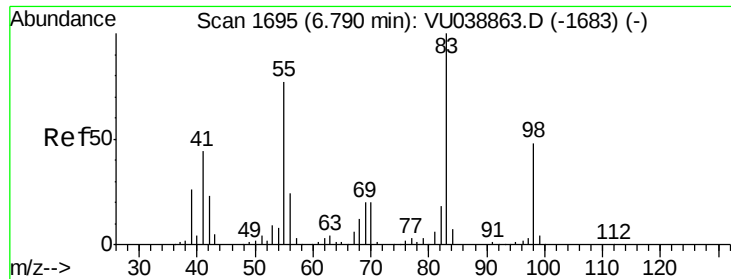
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

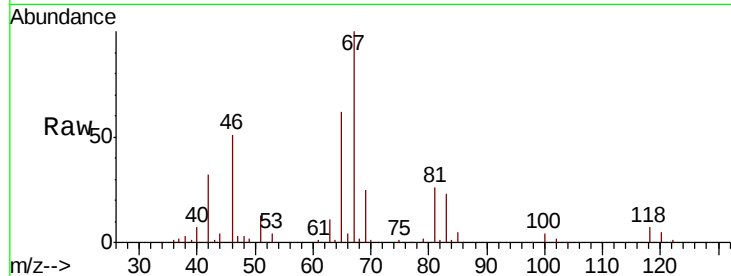




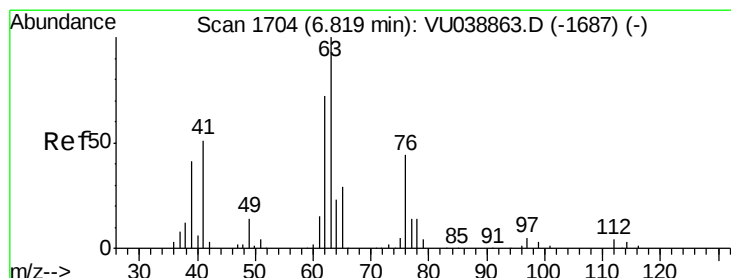
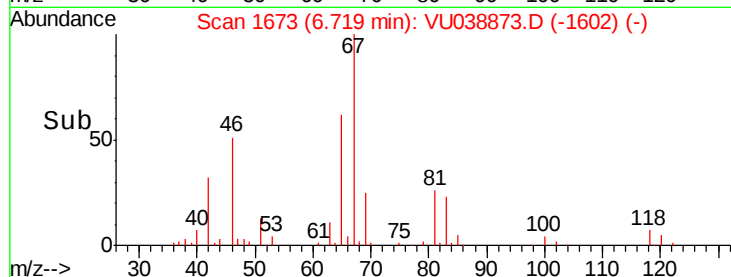
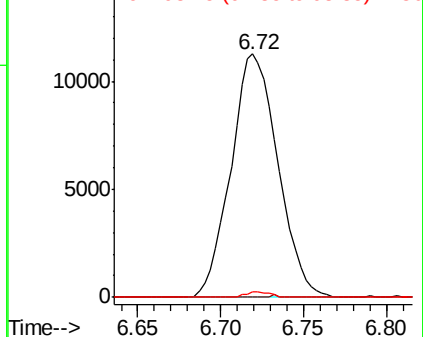
#35
Methvlcvclohexane
Concen: 0.749 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038873.D
Acq: 13 Jun 2020 01:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 22158
Ion Ratio Lower Upper
83 100
55 0.1 64.2 96.2#
98 1.1 40.5 60.7#

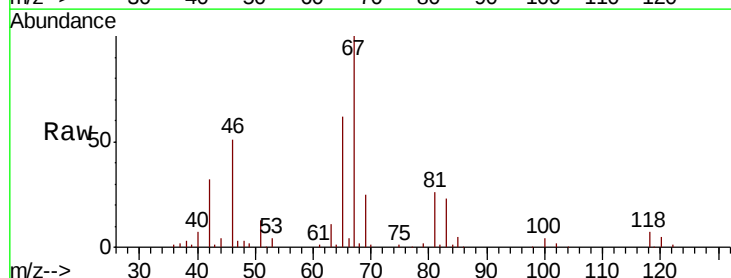


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

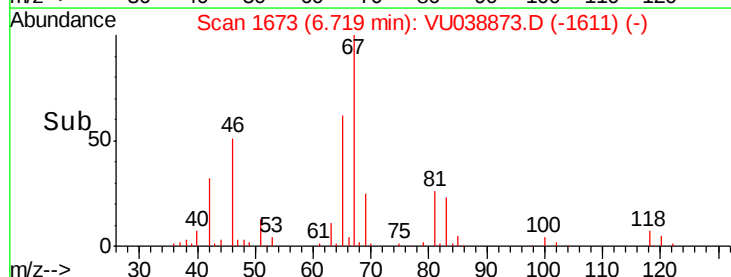
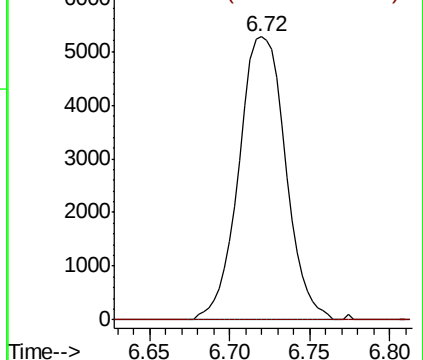


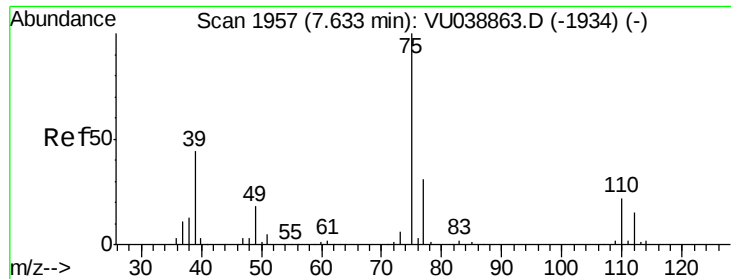
#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038873.D
Acq: 13 Jun 2020 01:18

Tgt Ion: 63 Resp: 10519
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#



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

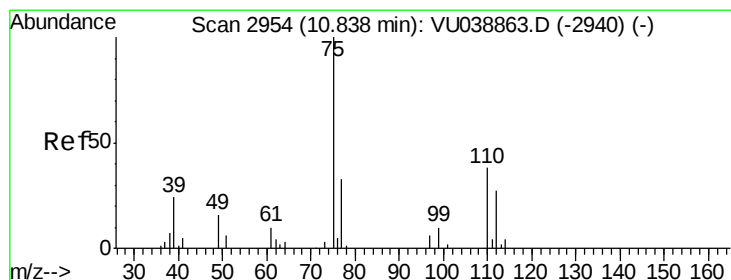
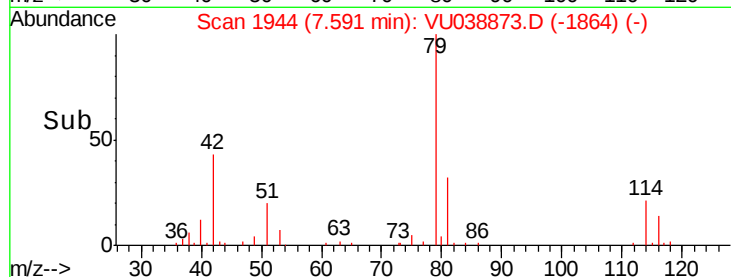
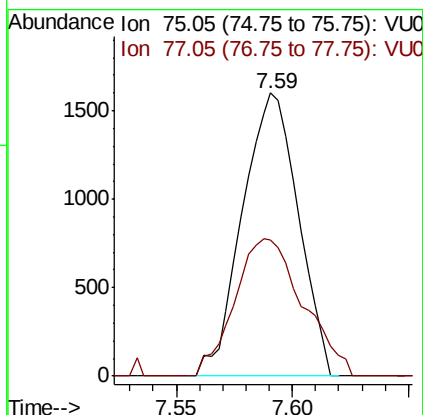
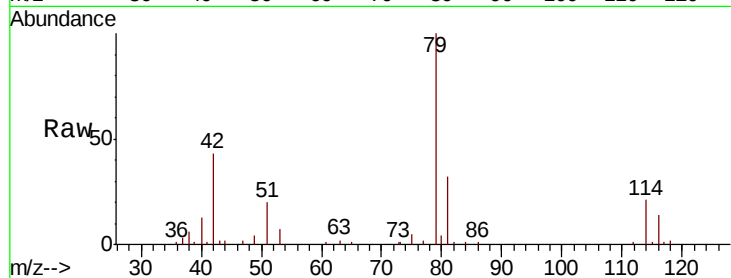




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038873.D
 Acq: 13 Jun 2020 01:18

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2676
 Ion Ratio Lower Upper
 75 100
 77 48.0 22.4 41.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.903 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038873.D
 Acq: 13 Jun 2020 01:18

Tgt Ion: 75 Resp: 12292
 Ion Ratio Lower Upper
 75 100
 77 44.1 25.8 38.8#

