

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071520\
 Data File : VU039509.D
 Acq On : 15 Jul 2020 19:01
 Operator : SY/MD
 Sample : L3313-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C08

Quant Time: Jul 16 04:12:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 04:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	89705	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	86503	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40803	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20405	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.92	69	23936	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.58	63	33814	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.65	46	99200	41.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.40%
24) Chloroform-d	5.09	84	50490	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	31063	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.74	84	93654	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	32765	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.91	98	82777	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	11987	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.64	63	70267	36.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.32%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29274	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32617	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

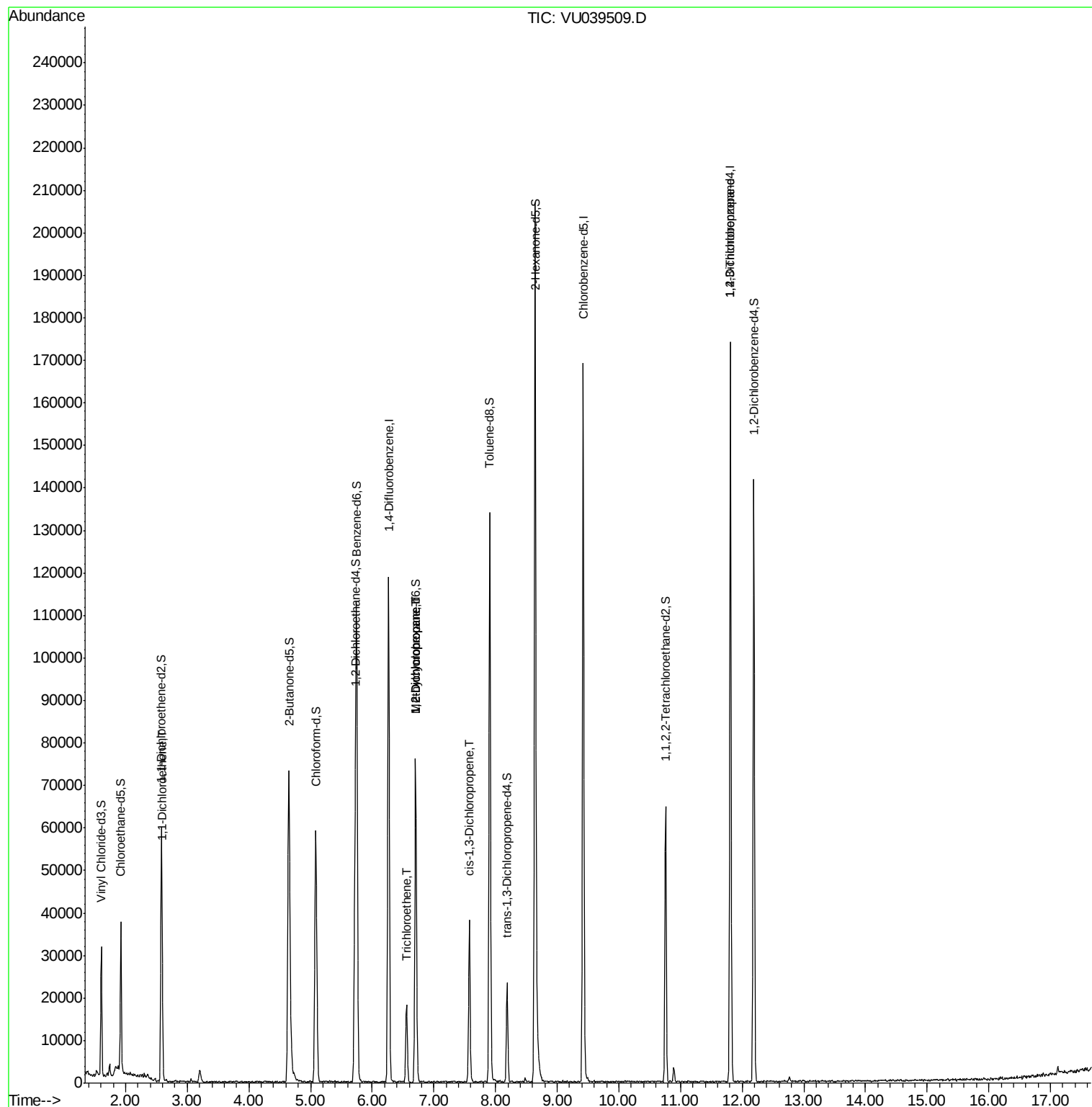
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1954	0.366 ug/L #	1
34) Trichloroethene	6.56	95	5881	0.880 ug/L	93
35) Methylcyclohexane	6.70	83	7312	0.683 ug/L #	20
37) 1,2-Dichloropropane	6.71	63	4100	0.582 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1265	0.119 ug/L #	77
59) 1,2,3-Trichloropropane	11.81	75	6619	1.274 ug/L	98

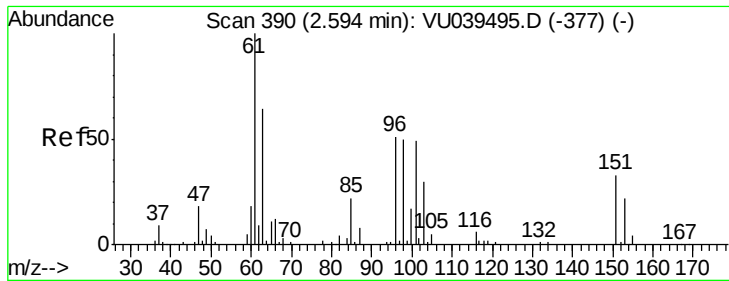
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.366 ug/L

RT: 2.60 min Scan# 392

Delta R.T. 0.01 min

Lab File: VU039509.D

Acq: 15 Jul 2020 19:01

Instrument :

MSVOA_U

ClientSampled :

F4C08

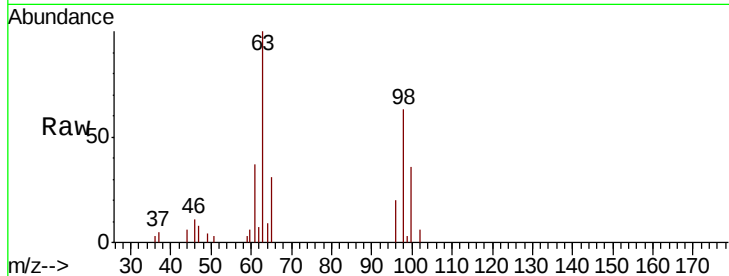
Tot Ion: 96 Resp: 1954

Ion Ratio Lower Upper

96 100

61 184.0 125.4 232.8

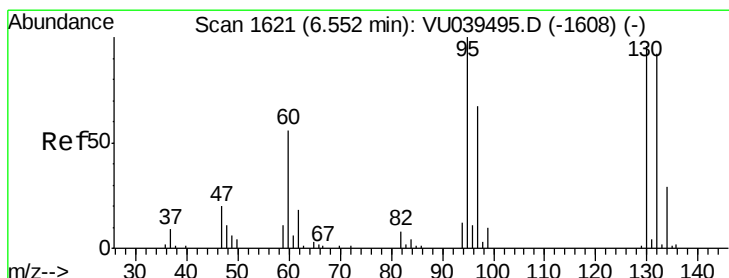
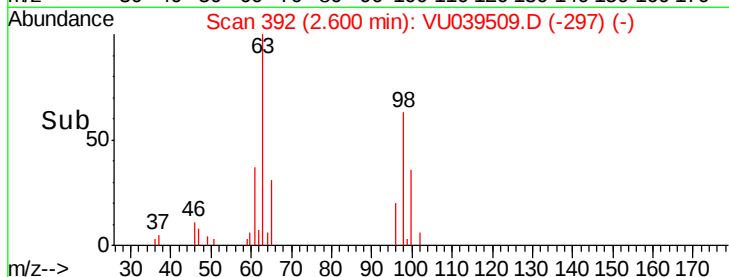
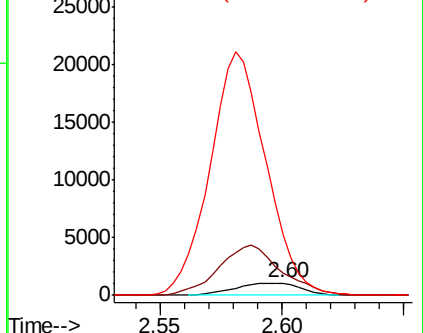
63 492.4 92.7 172.3#



Abundance Ion 96.00 (95.70 to 96.70): VU039509.D (-297) (-)

Ion 61.05 (60.75 to 61.75): VU039509.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VU039509.D (-297) (-)



#34

Trichloroethene

Concen: 0.880 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU039509.D

Acq: 15 Jul 2020 19:01

Tgt Ion: 95 Resp: 5881

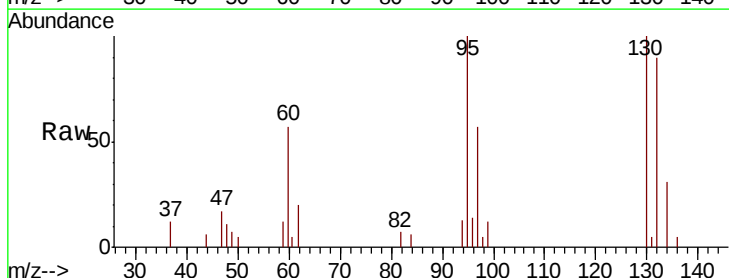
Ion Ratio Lower Upper

95 100

97 57.0 46.3 85.9

132 90.3 64.0 118.8

130 100.1 64.3 119.5

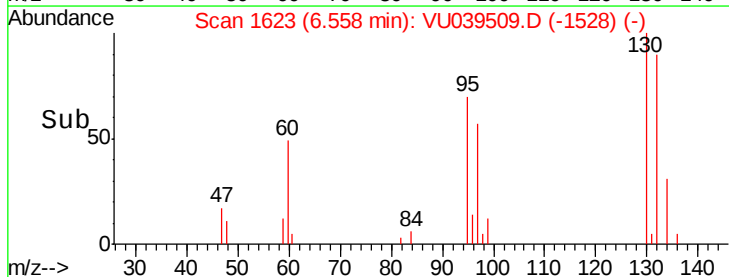
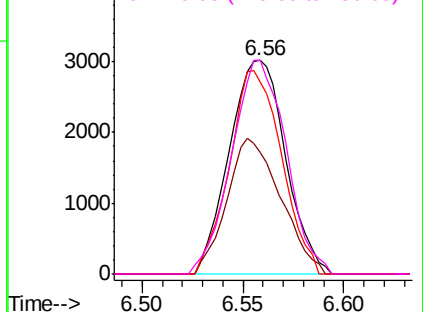


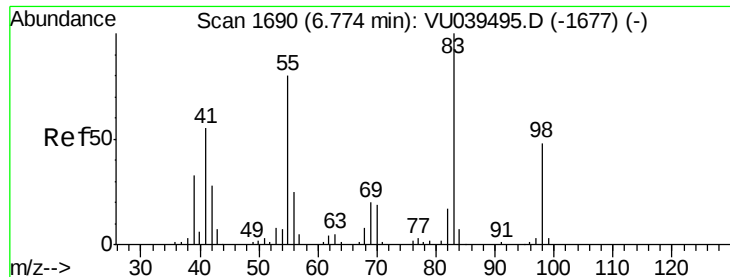
Abundance Ion 95.00 (94.70 to 95.70): VU039509.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU039509.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU039509.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU039509.D (-1528) (-)

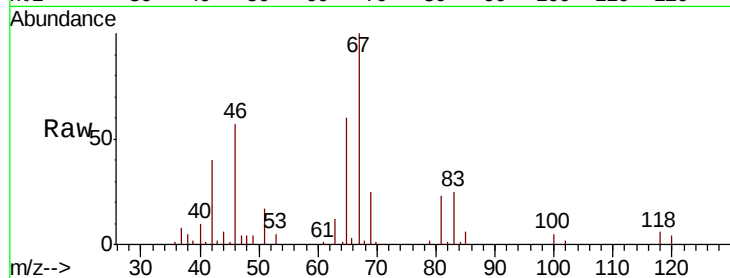




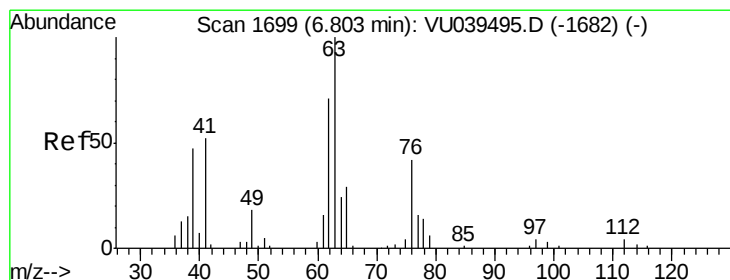
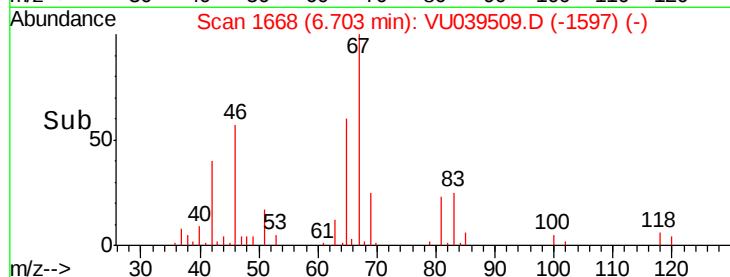
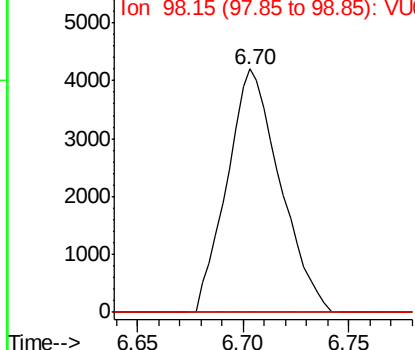
#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039509.D
Acq: 15 Jul 2020 19:01

Instrument :
MSVOA_U
ClientSampled :
F4C08

Tot Ion: 83 Resp: 7312
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 3.8 35.9 53.9#

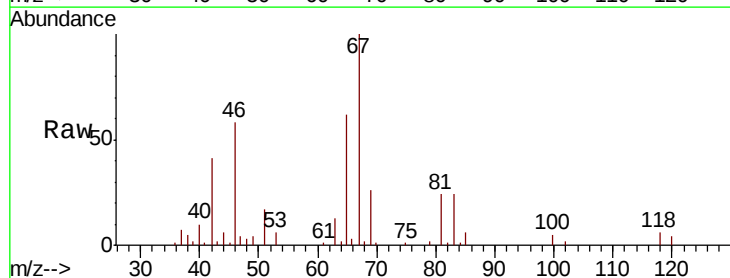


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

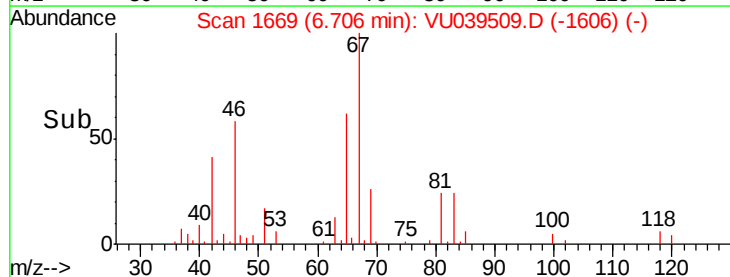
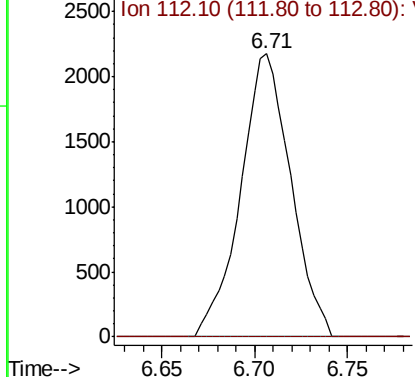


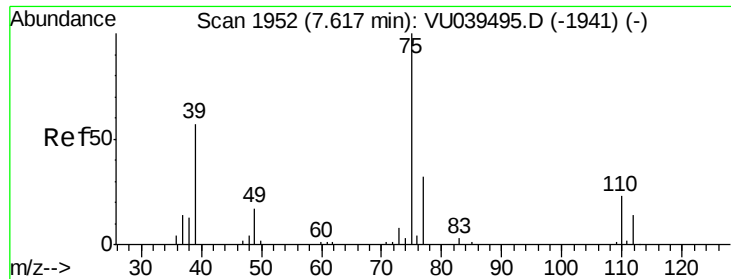
#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039509.D
Acq: 15 Jul 2020 19:01

Tgt Ion: 63 Resp: 4100
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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

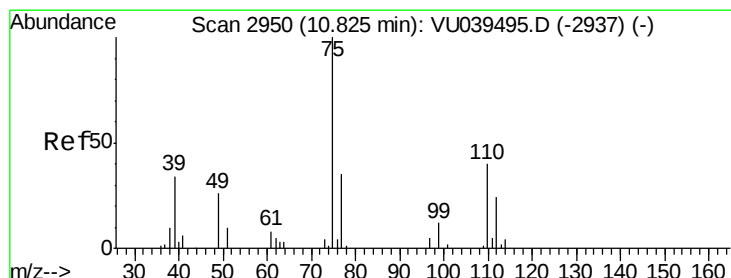
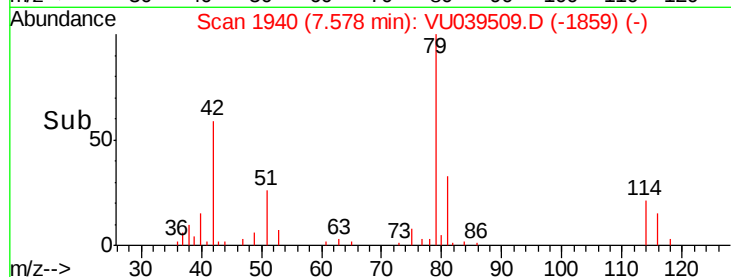
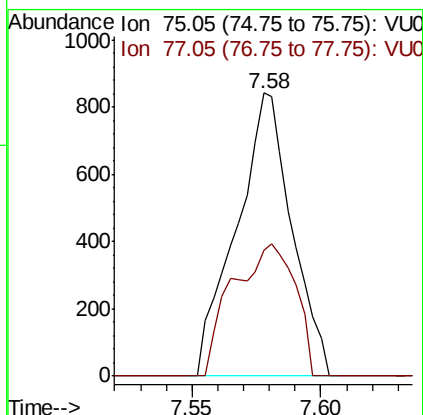
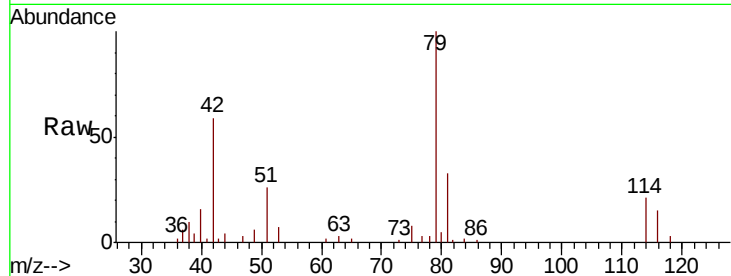




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039509.D
 Acq: 15 Jul 2020 19:01

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 MSVOA_U
 ClientSampleId :
 F4C08

Tot Ion: 75 Resp: 1265
 Ion Ratio Lower Upper
 75 100
 77 44.5 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.274 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039509.D
 Acq: 15 Jul 2020 19:01

Tgt Ion: 75 Resp: 6619
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.8 40.2

