

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
 Data File : VU039987.D
 Acq On : 27 Aug 2020 12:06
 Operator : SY/MD
 Sample : VU0827WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK27

Quant Time: Aug 28 01:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 28 01:12:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71312	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32432	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24760	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.92	69	22918	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.58	63	40108	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.66	46	95052	47.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.50%
24) Chloroform-d	5.08	84	55475	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	34585	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.74	84	98512	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	33598	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	84506	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.19	79	14023	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.64	63	68500	46.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27961	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	35603	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

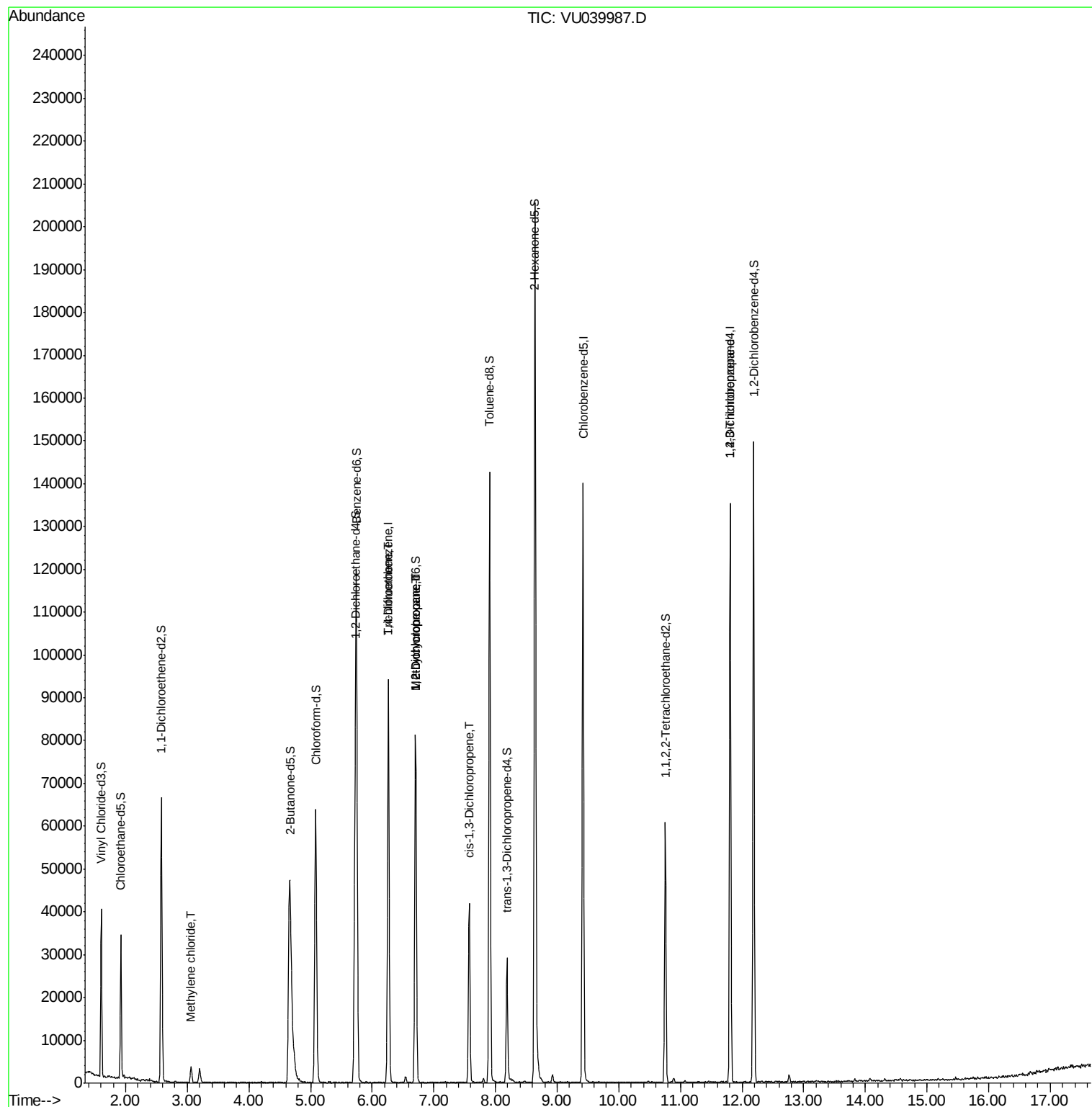
					Ovalue
16) Methylene chloride	3.06	84	1710	0.199 ug/L	85
34) Trichloroethene	6.26	95	1441	0.219 ug/L #	7
35) Methylcyclohexane	6.71	83	8194	0.811 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4339	0.643 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1270	0.135 ug/L #	62
59) 1,2,3-Trichloropropane	11.81	75	4711	0.974 ug/L	94

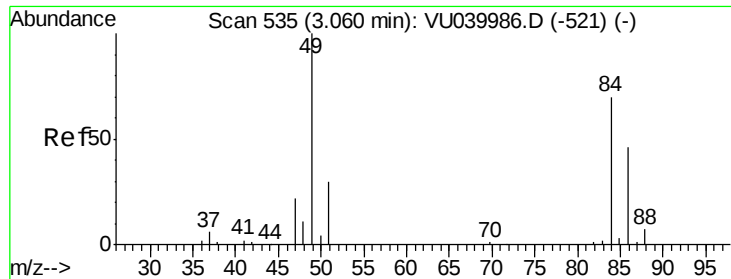
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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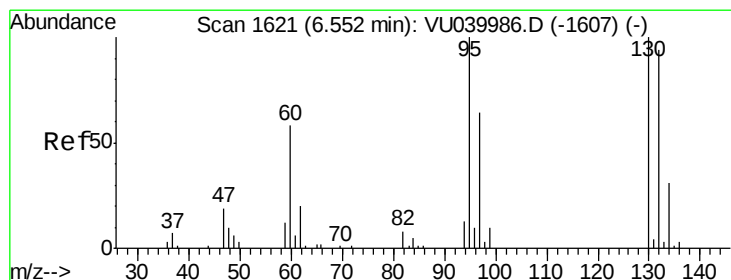
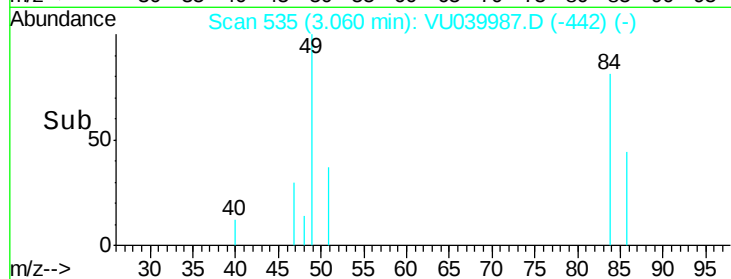
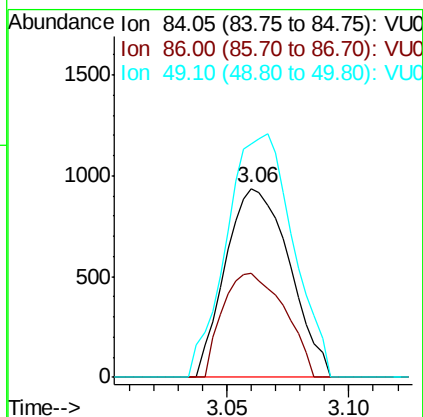
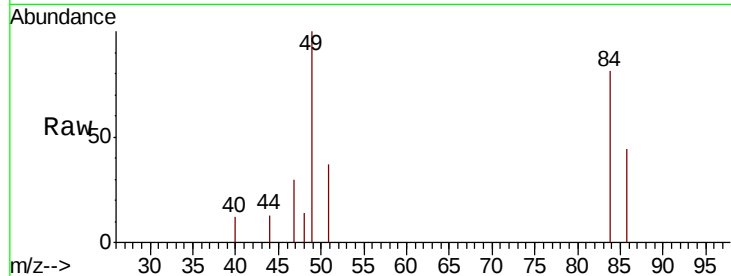




#16
Methvlene chloride
Concen: 0.199 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039987.D
Acq: 27 Aug 2020 12:06

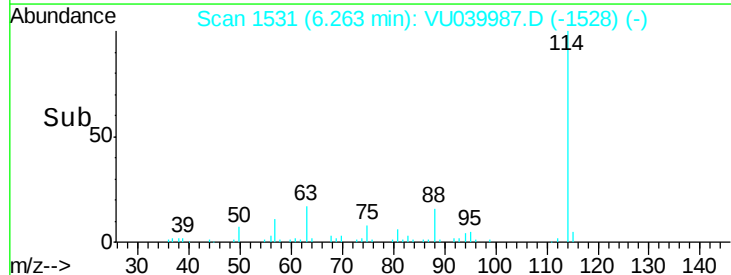
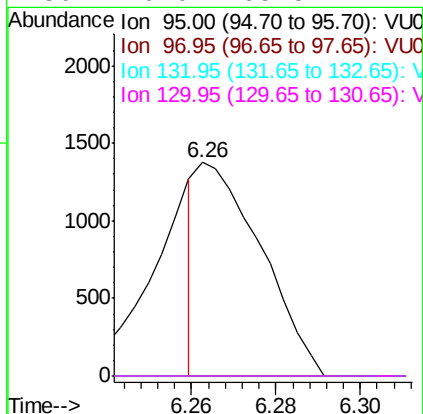
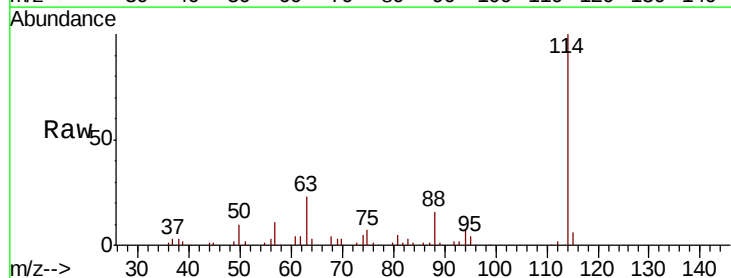
Instrument :
MSVOA_U
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VBLK27

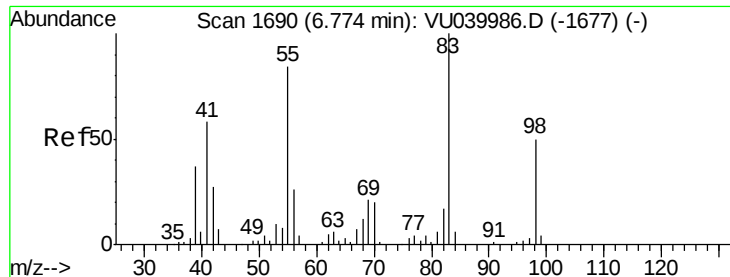
Tot Ion: 84 Resp: 1710
Ion Ratio Lower Upper
84 100
86 54.9 47.2 87.6
49 123.7 99.8 185.4



#34
Trichloroethene
Concen: 0.219 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU039987.D
Acq: 27 Aug 2020 12:06

Tgt Ion: 95 Resp: 1441
Ion Ratio Lower Upper
95 100
97 0.0 42.0 78.0#
132 0.0 65.0 120.8#
130 0.0 65.5 121.7#

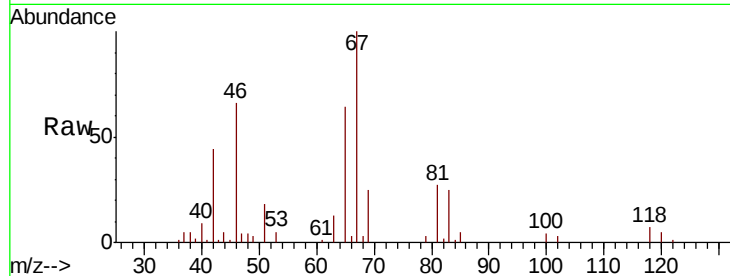




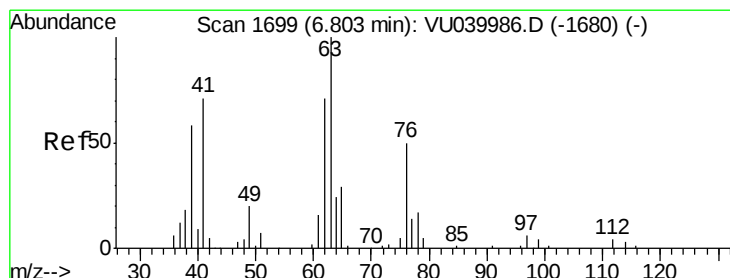
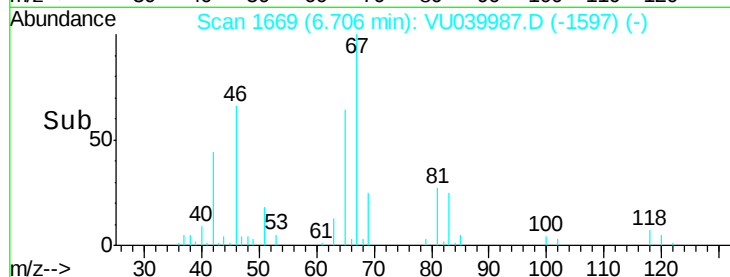
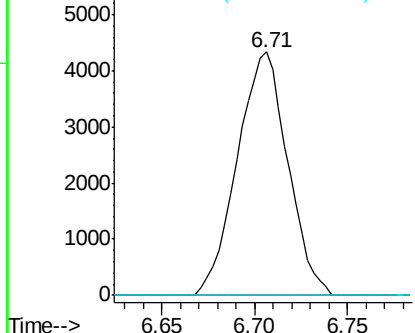
#35
Methvlcvclohexane
Concen: 0.811 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039987.D
Acq: 27 Aug 2020 12:06

Instrument :
MSVOA_U
ClientSampleId :
VBLK27

Tot Ion: 83 Resp: 8194
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 2.2 39.4 59.0#

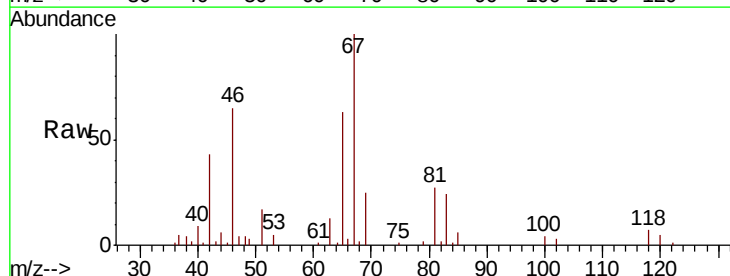


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

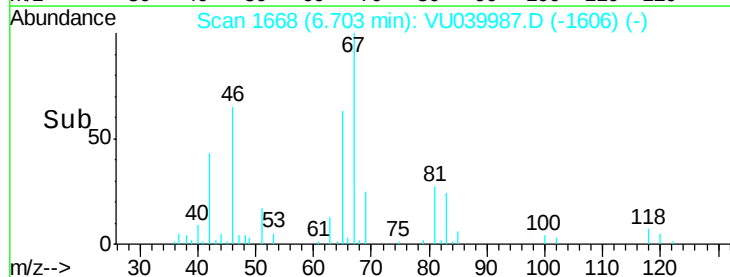
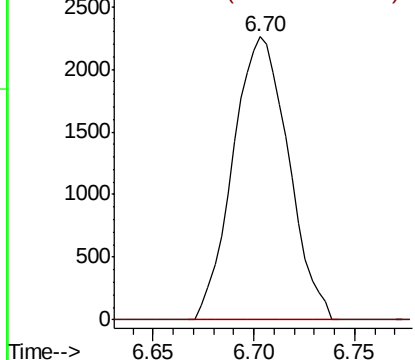


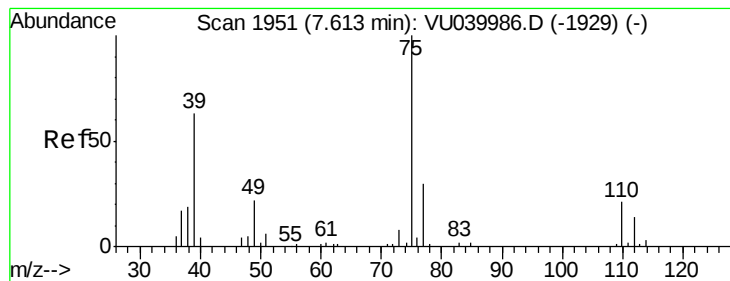
#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039987.D
Acq: 27 Aug 2020 12:06

Tgt Ion: 63 Resp: 4339
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



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



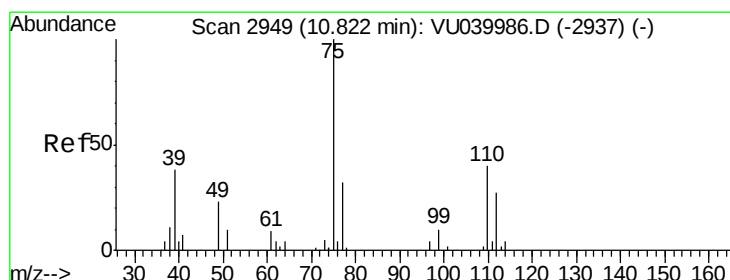
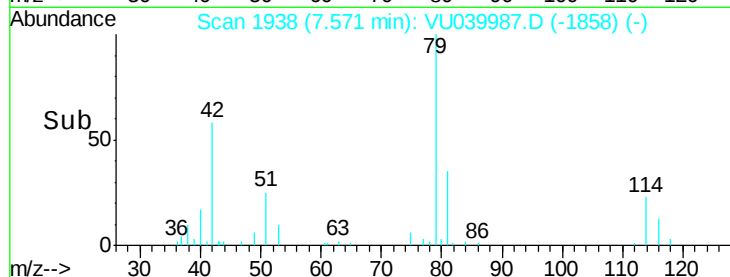
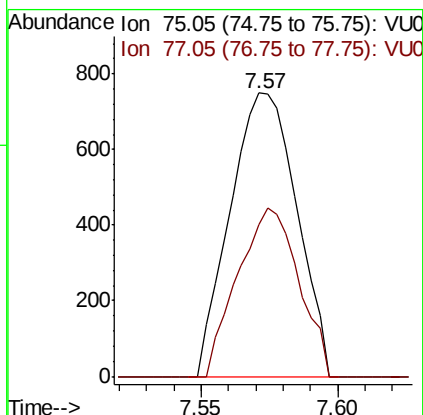
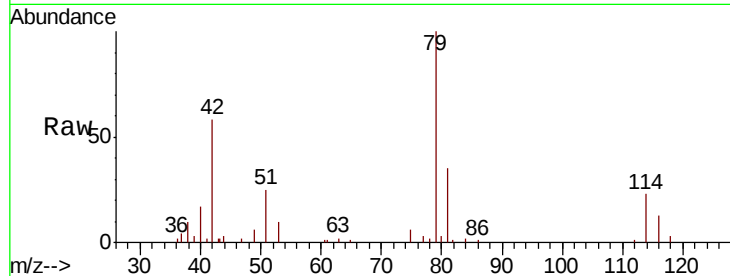


#39

cis-1,3-Dichloropropene
 Concen: 0.135 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU039987.D
 Acq: 27 Aug 2020 12:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK27

Tot Ion: 75 Resp: 1270
 Ion Ratio Lower Upper
 75 100
 77 53.7 22.6 42.0#



#59

1,2,3-Trichloropropane
 Concen: 0.974 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039987.D
 Acq: 27 Aug 2020 12:06

Tgt Ion: 75 Resp: 4711
 Ion Ratio Lower Upper
 75 100
 77 37.8 27.4 41.2

