

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038971.D
 Acq On : 18 Jun 2020 15:41
 Operator : SY/MD
 Sample : L3058-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L32

Quant Time: Jun 19 01:20:20 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	6.30	114	256654	5.00	ug/L	0.02
28) Chlorobenzene-d5	9.44	117	257607	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	122839	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.63	65	73085	4.10	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.94	69	67401	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.60	63	120840	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.79	46	276916	48.56	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	5.13	84	181598	5.13	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.76	65	105380	5.16	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.78	84	334724	4.97	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.74	67	110107	5.29	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.93	98	265897	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.21	79	41394	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.67	63	250744	49.90	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101922	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	118820	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

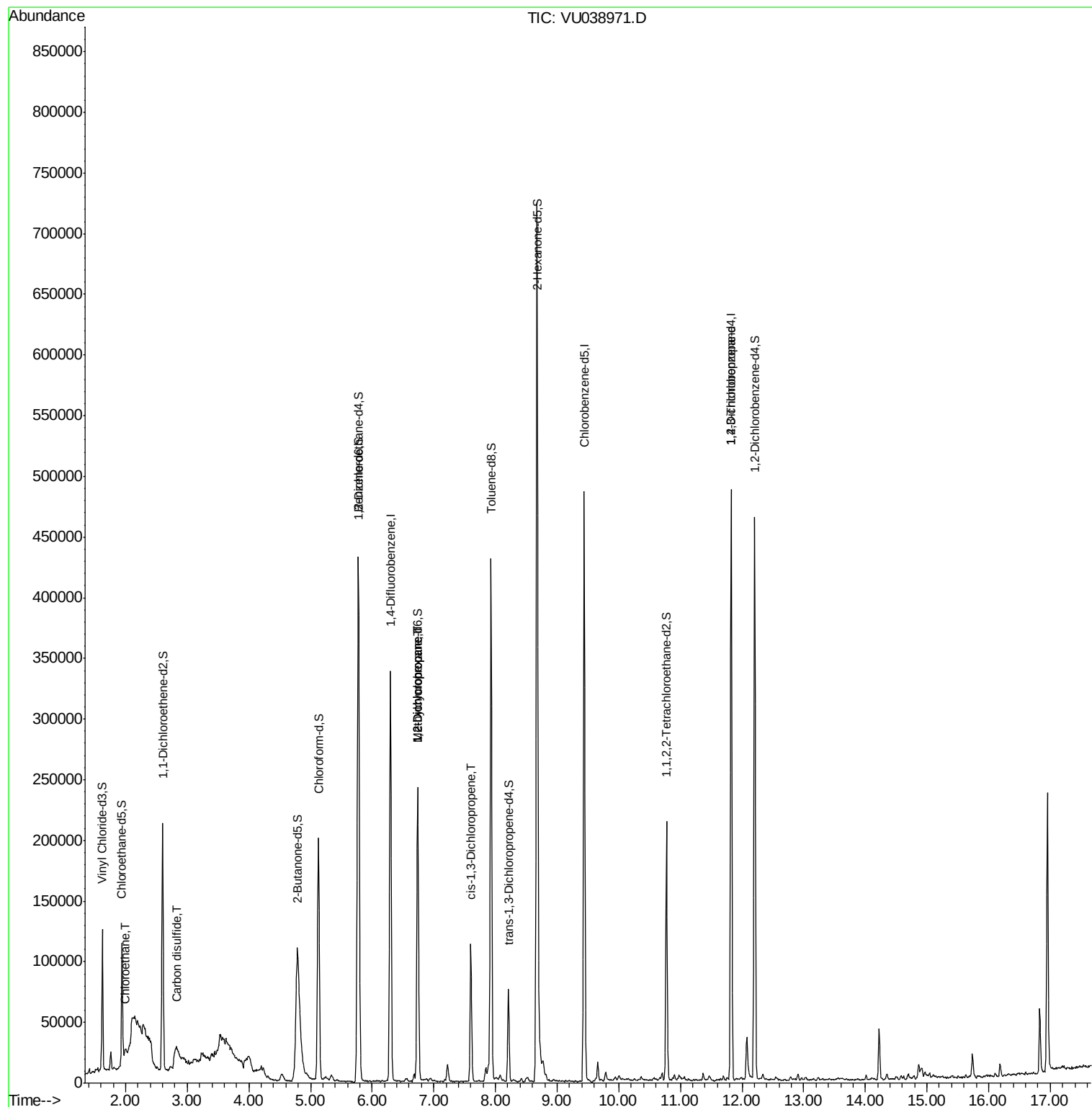
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.00	64	24607	1.608	ug/L #	54
14) Carbon disulfide	2.83	76	6179	0.101	ug/L #	76
35) Methylcyclohexane	6.74	83	26410	0.853	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	12730	0.633	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2586	0.088	ug/L #	35
59) 1,2,3-Trichloropropane	11.83	75	15267	0.985	ug/L #	82

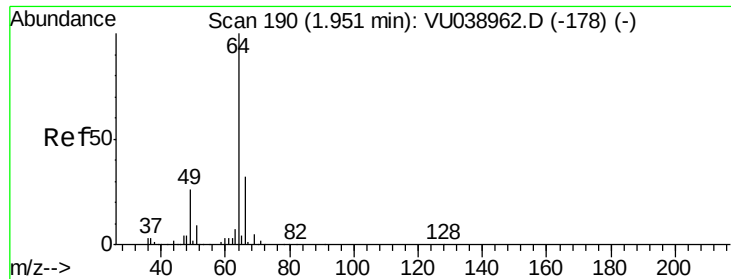
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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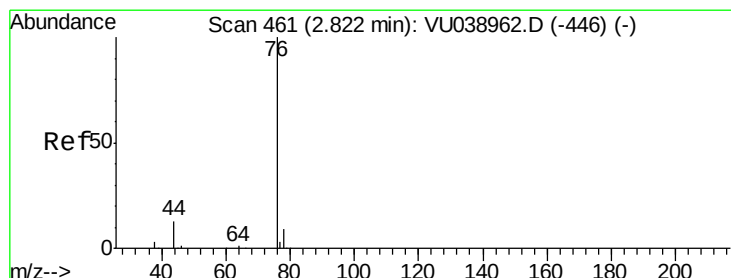
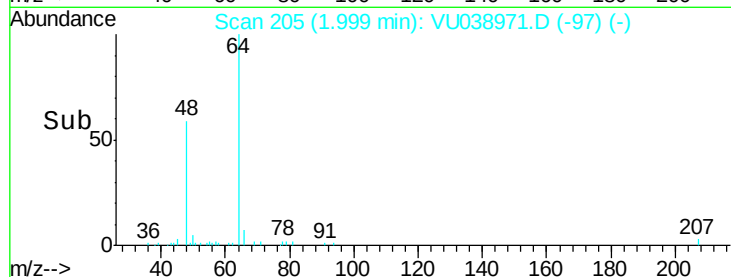
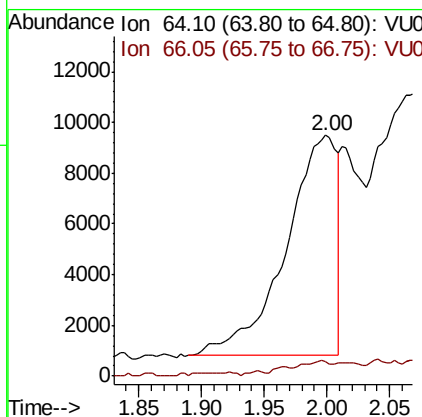
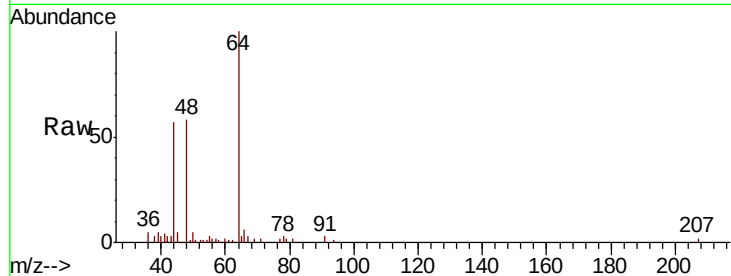




#8
 Chloroethane
 Concen: 1.608 ug/L
 RT: 2.00 min Scan# 205
 Delta R.T. 0.05 min
 Lab File: VU038971.D
 Acq: 18 Jun 2020 15:41

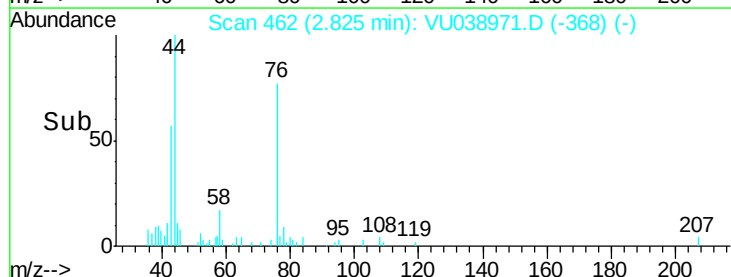
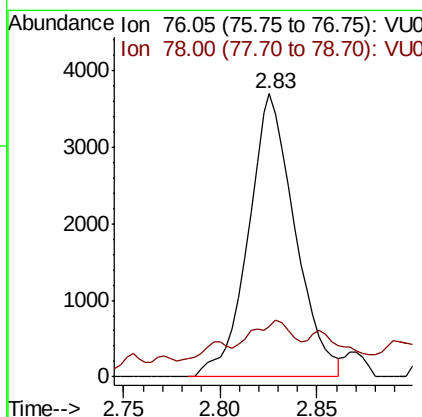
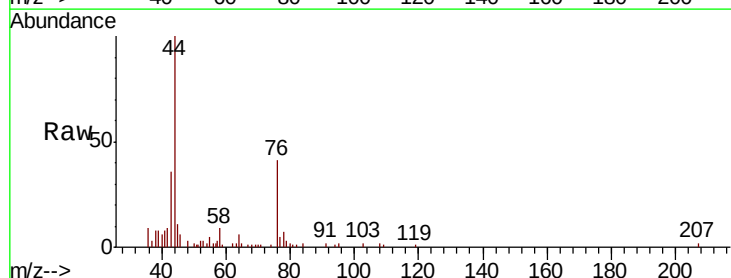
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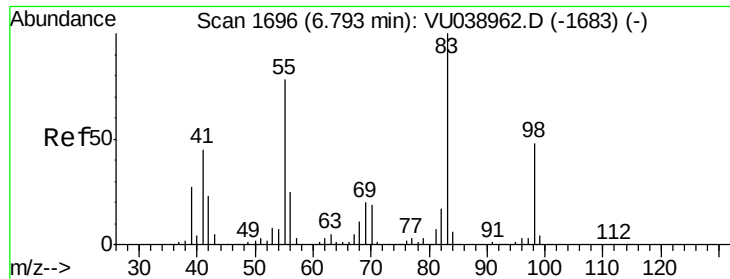
Tot Ion: 64 Resp: 24607
 Ion Ratio Lower Upper
 64 100
 66 6.2 22.1 41.1#



#14
 Carbon disulfide
 Concen: 0.101 ug/L
 RT: 2.83 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VU038971.D
 Acq: 18 Jun 2020 15:41

Tgt Ion: 76 Resp: 6179
 Ion Ratio Lower Upper
 76 100
 78 17.9 7.4 11.0#

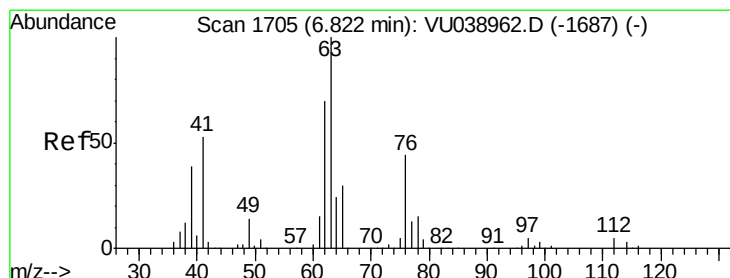
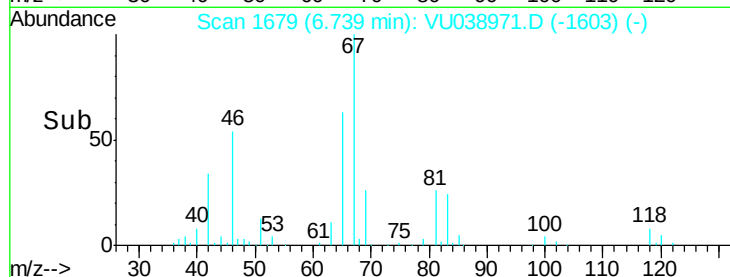
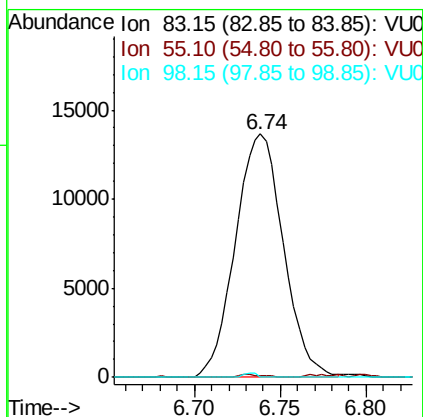
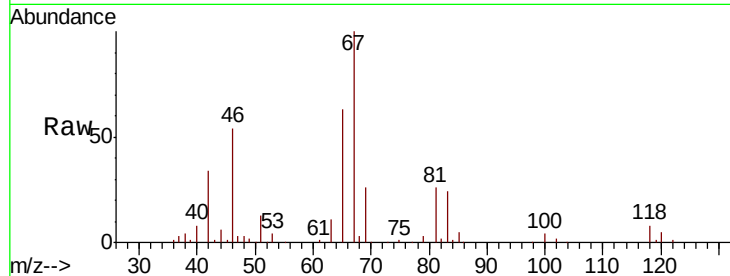




#35
Methvlcvclohexane
Concen: 0.853 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.05 min
Lab File: VU038971.D
Acq: 18 Jun 2020 15:41

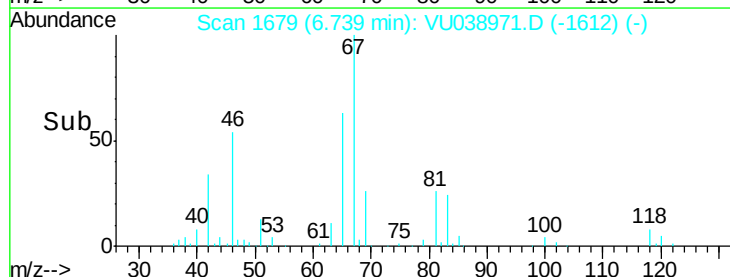
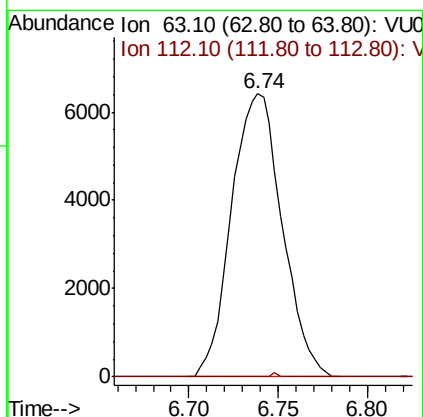
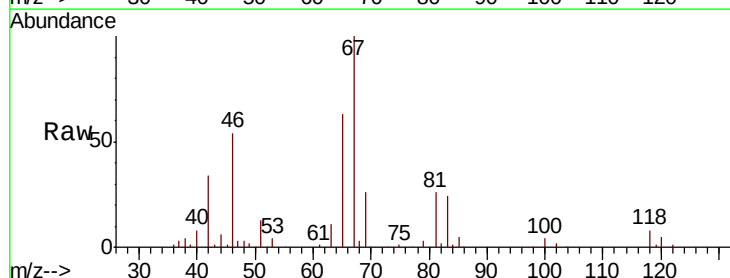
Instrument :
MSVOA_U
ClientSampleId :
F9L32

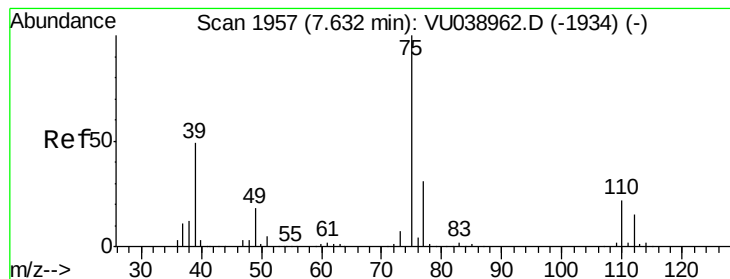
Tot Ion: 83 Resp: 26410
Ion Ratio Lower Upper
83 100
55 0.7 61.8 92.8#
98 0.4 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.08 min
Lab File: VU038971.D
Acq: 18 Jun 2020 15:41

Tgt Ion: 63 Resp: 12730
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#



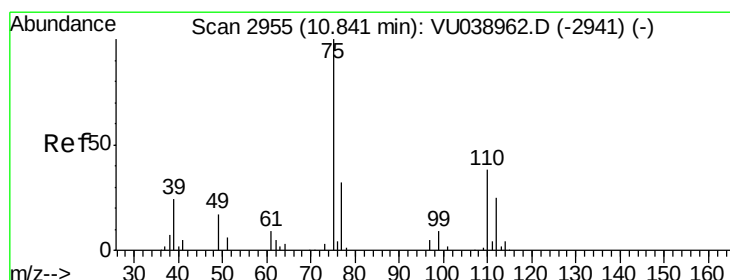
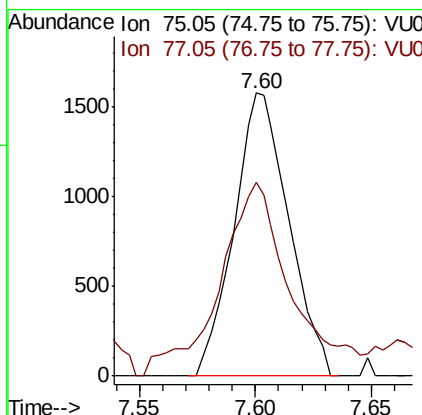
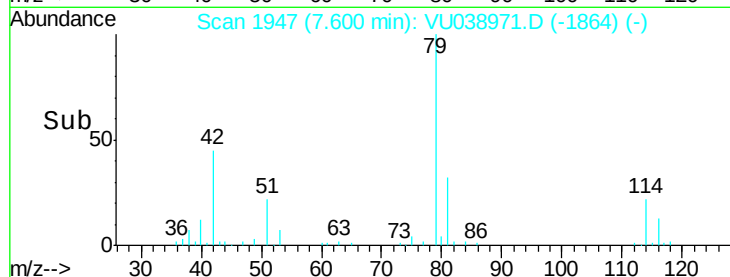
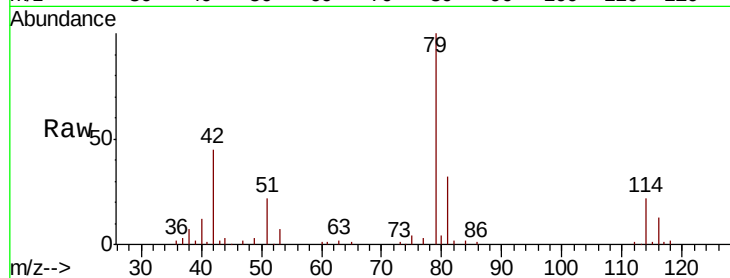


#39

cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.03 min
Lab File: VU038971.D
Acq: 18 Jun 2020 15:41

Instrument :
MSVOA_U
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F9L32

Tot Ion: 75 Resp: 2586
Ion Ratio Lower Upper
75 100
77 68.3 22.4 41.6#



#59

1,2,3-Trichloropropane
Concen: 0.985 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038971.D
Acq: 18 Jun 2020 15:41

Tgt Ion: 75 Resp: 15267
Ion Ratio Lower Upper
75 100
77 41.5 25.4 38.0#

