

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038979.D
 Acq On : 18 Jun 2020 18:46
 Operator : SY/MD
 Sample : L3058-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L48

Quant Time: Jun 19 01:21:36 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	275633	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	132794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73338	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.93	69	70641	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	119304	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.67	46	321331	52.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.94%
24) Chloroform-d	5.10	84	171467	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.74	65	105856	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	327536	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.72	67	105415	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.92	98	260649	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.20	79	51901	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.65	63	328629	58.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97980	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	112032	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

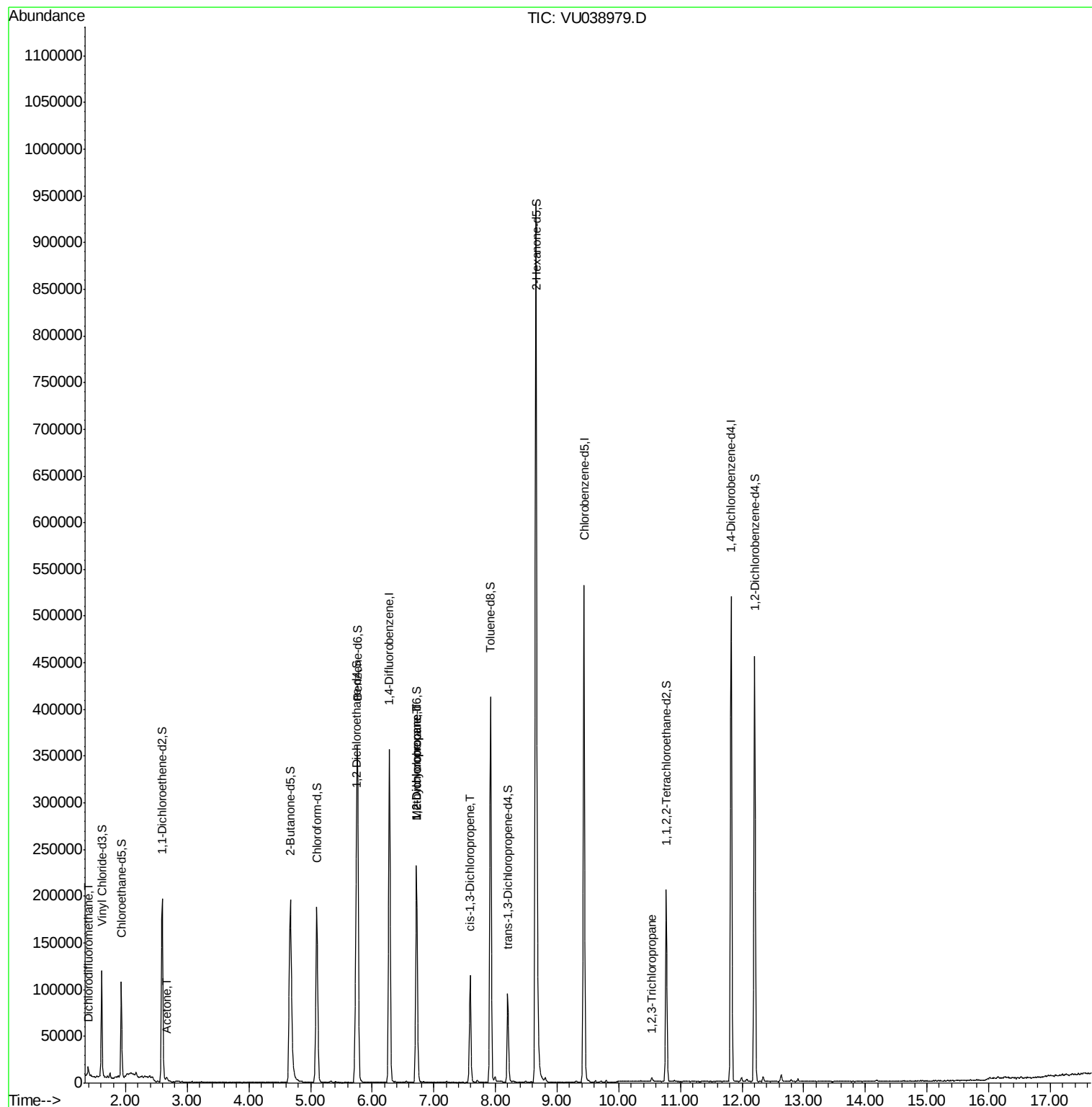
					Ovalue
2) Dichlorodifluoromethane	1.39	85	4017	0.154 ug/L	95
13) Acetone	2.67	43	6332	1.517 ug/L	96
35) Methylcyclohexane	6.72	83	25472	0.741 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12384	0.555 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3287	0.100 ug/L #	67
59) 1,2,3-Trichloropropane	10.54	75	2592	0.151 ug/L #	43

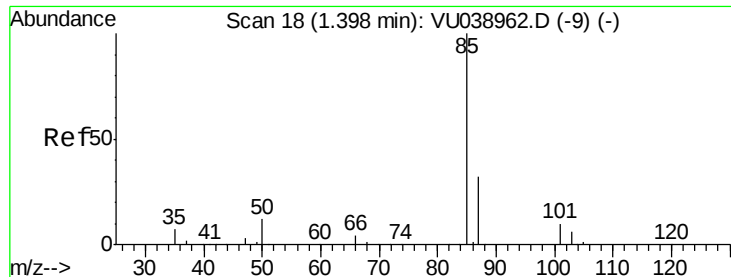
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.154 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU038979.D

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Instrument :

MSVOA_U

ClientSampleId :

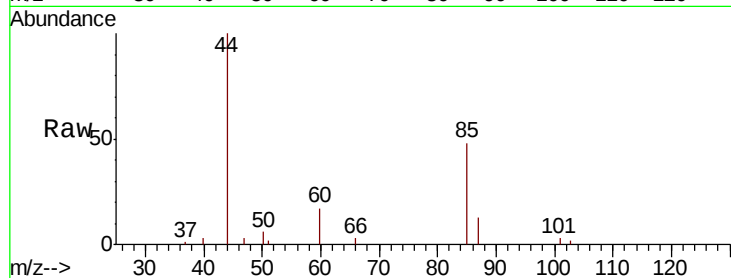
F9L48

Tot Ion: 85 Resp: 4017

Ion Ratio Lower Upper

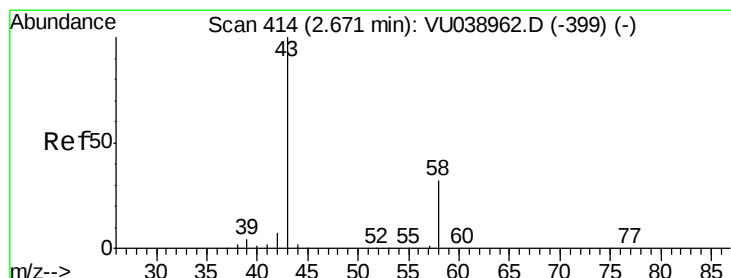
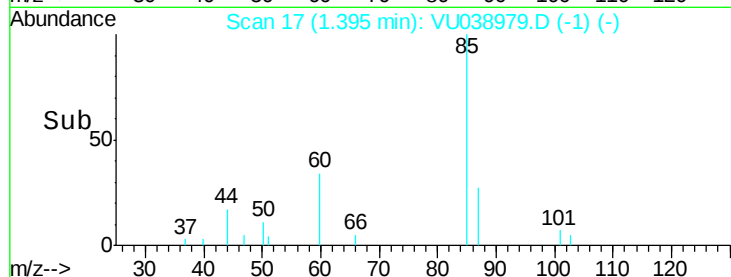
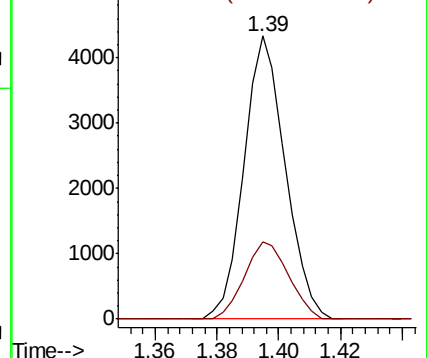
85 100

87 29.2 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#13

Acetone

Concen: 1.517 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU038979.D

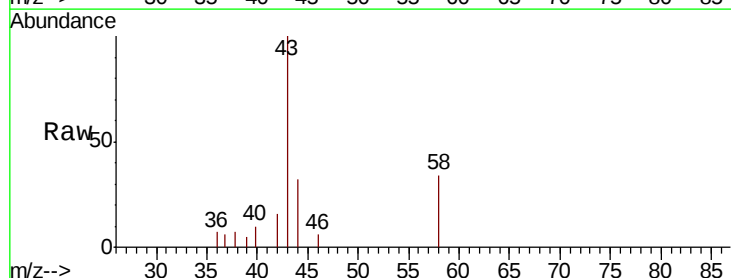
Acq: 18 Jun 2020 18:46

Tgt Ion: 43 Resp: 6332

Ion Ratio Lower Upper

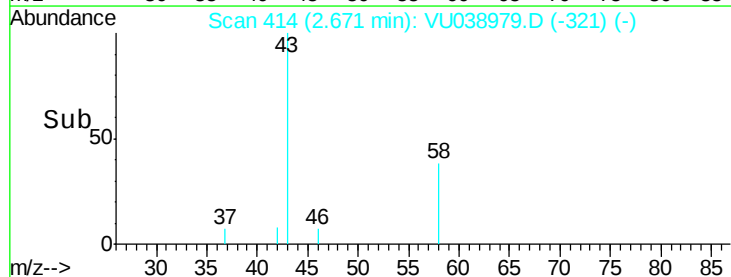
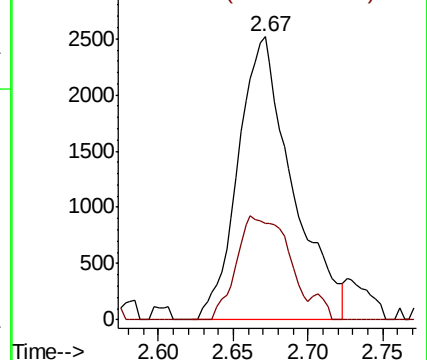
43 100

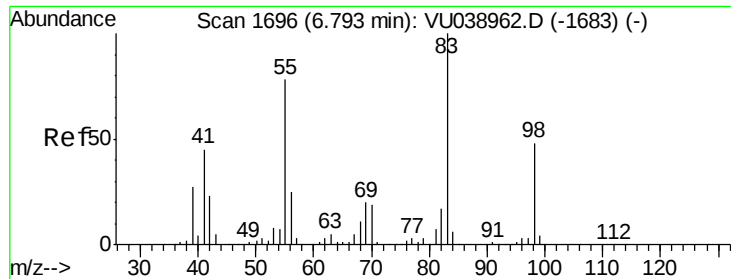
58 34.7 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

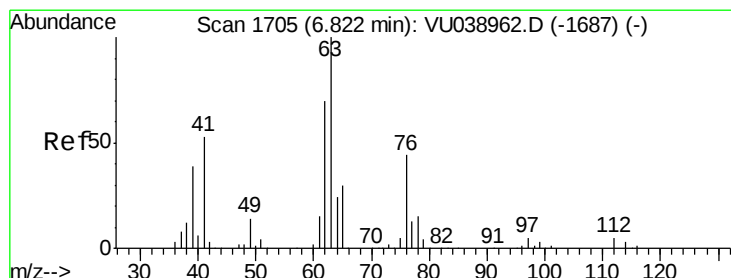
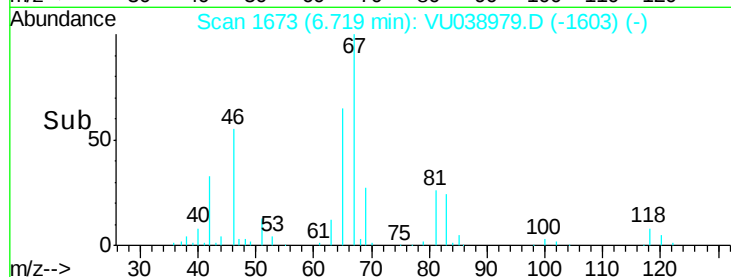
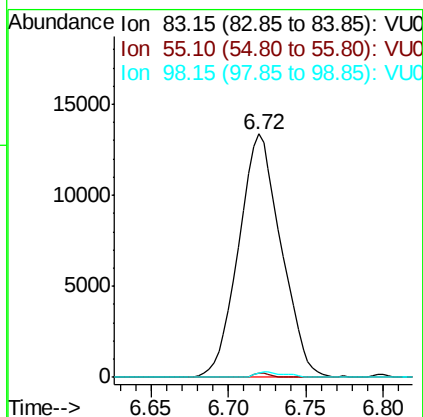
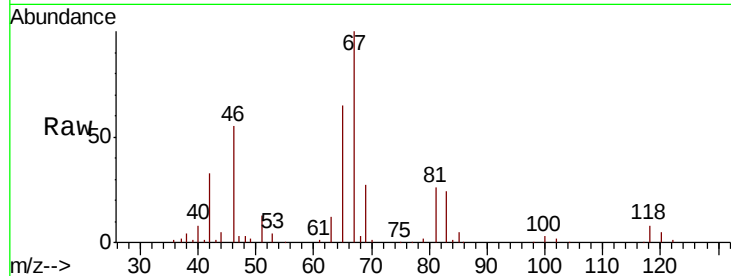




#35
Methvlcvclohexane
Concen: 0.741 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038979.D
Acq: 18 Jun 2020 18:46

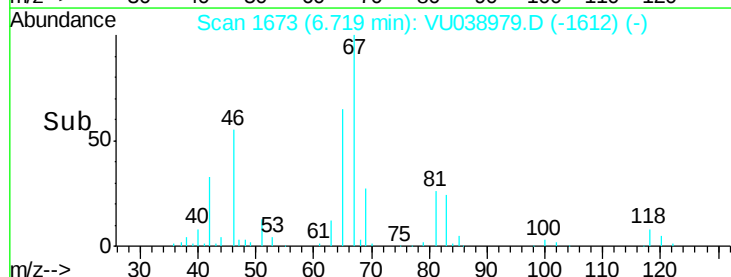
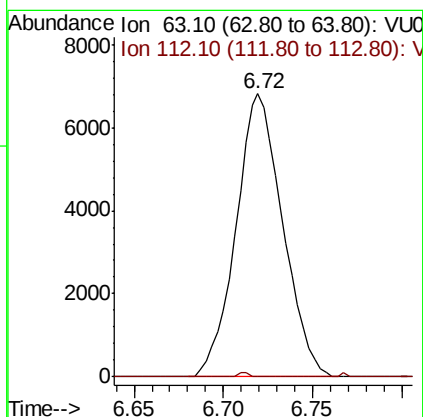
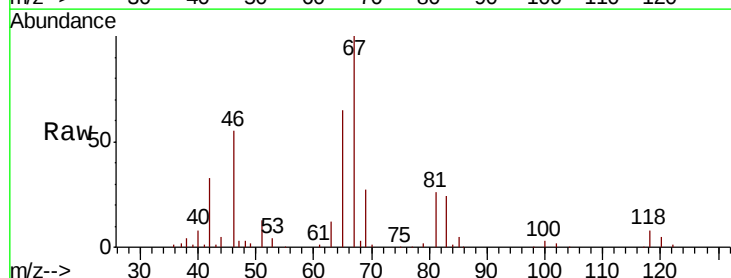
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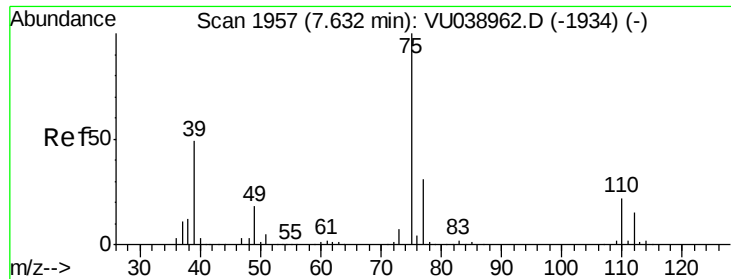
Tot Ion: 83 Resp: 25472
Ion Ratio Lower Upper
83 100
55 0.6 61.8 92.8#
98 1.4 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038979.D
Acq: 18 Jun 2020 18:46

Tgt Ion: 63 Resp: 12384
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#

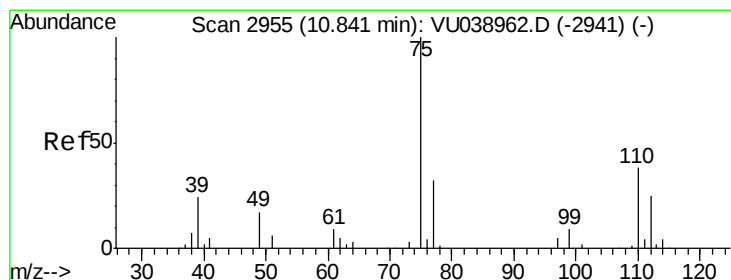
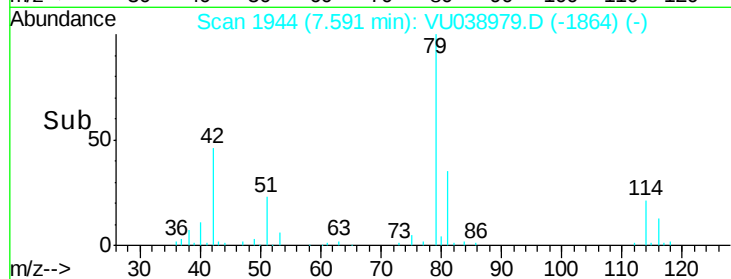
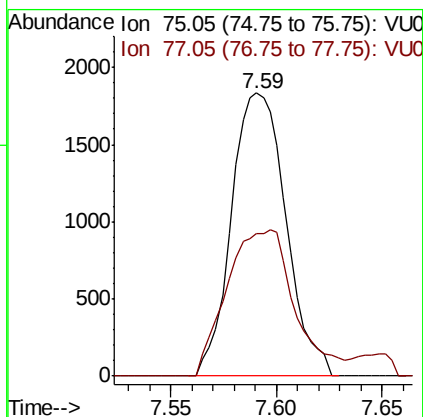
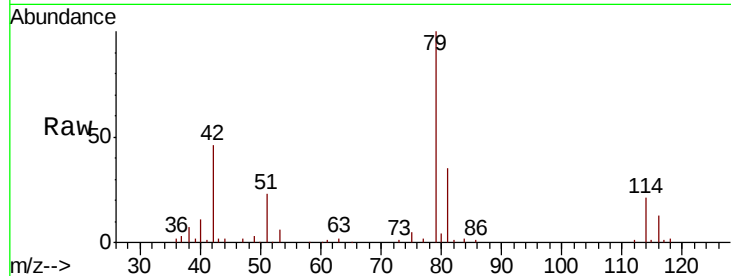




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038979.D
 Acq: 18 Jun 2020 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L48

Tot Ion: 75 Resp: 3287
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.4 41.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.151 ug/L
 RT: 10.54 min Scan# 2860
 Delta R.T. -0.31 min
 Lab File: VU038979.D
 Acq: 18 Jun 2020 18:46

Tgt Ion: 75 Resp: 2592
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#

