

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038624.D
 Acq On : 06 Jun 2020 18:02
 Operator : SY/MD
 Sample : L2910-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D45

Quant Time: Jun 07 04:04:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 04:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	311969	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	302176	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	147536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60948	3.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.40%
7) Chloroethane-d5	1.93	69	60190	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.59	63	105907	2.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	4.67	46	332363	54.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.38%
24) Chloroform-d	5.10	84	172776	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.74	65	103724	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.76	84	341628	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.72	67	108697	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.92	98	277455	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.20	79	41045	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.65	63	287188	58.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102279	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	126742	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

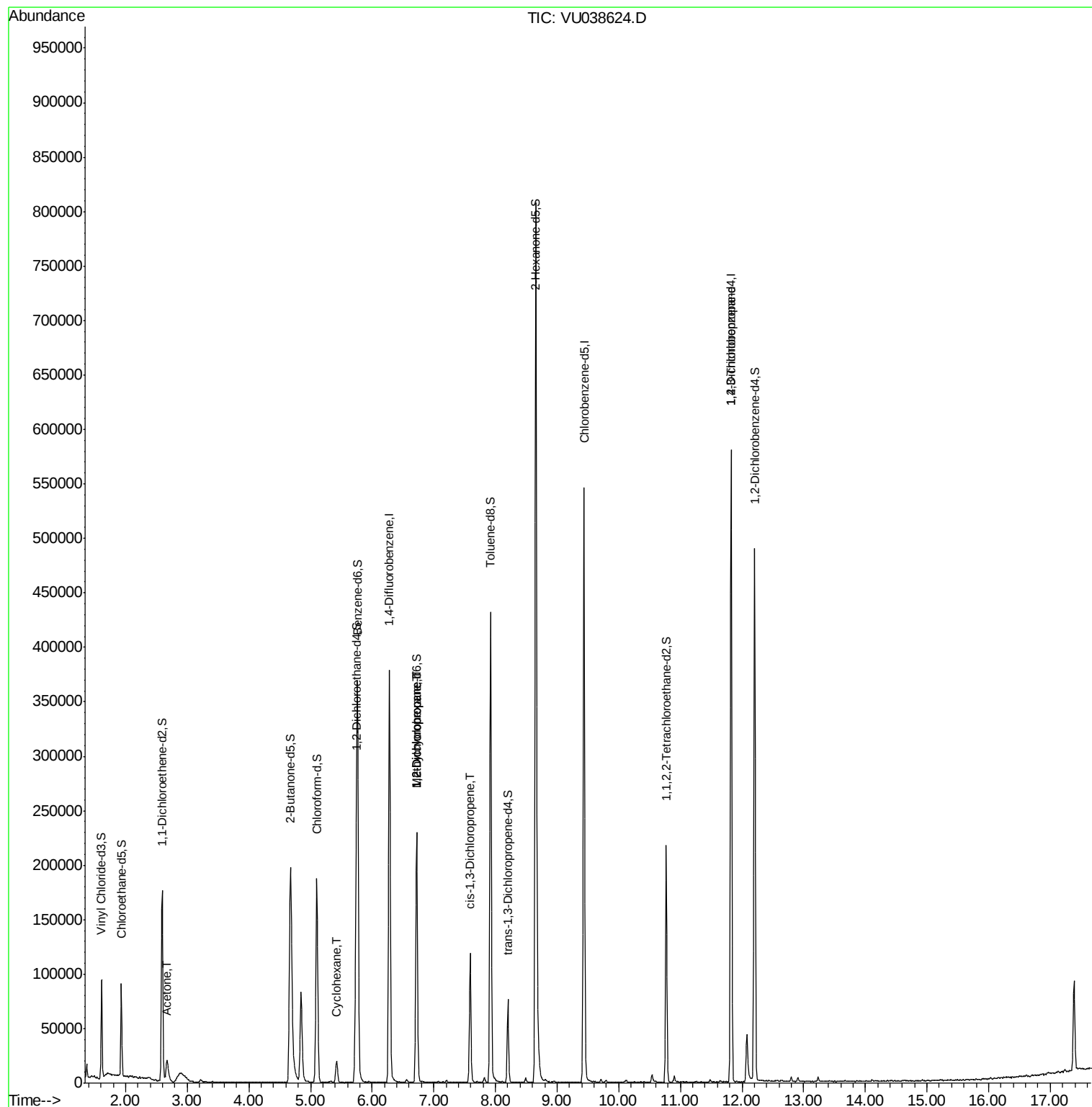
					Ovalue
13) Acetone	2.67	43	35077	8.739	ug/L 97
30) Cyclohexane	5.42	56	9008	0.269	ug/L 91
35) Methylcyclohexane	6.72	83	27384	0.809	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	12473	0.588	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2885	0.092	ug/L # 48
59) 1,2,3-Trichloropropane	11.82	75	18726	1.183	ug/L 98

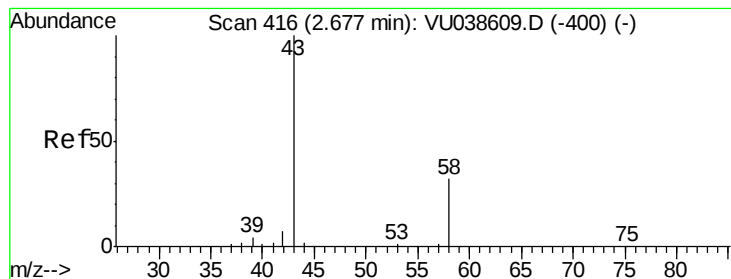
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.739 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038624.D

Acq: 06 Jun 2020 18:02

Instrument :

MSVOA_U

ClientSampleId :

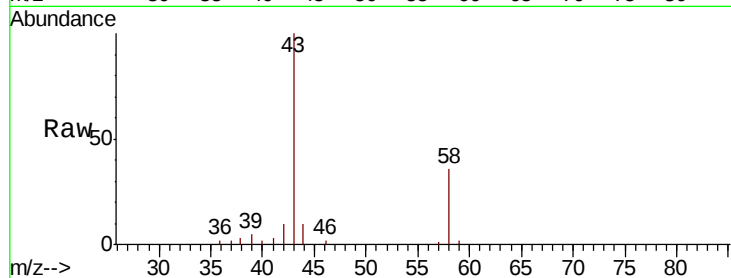
F9D45

Tot Ion: 43 Resp: 35077

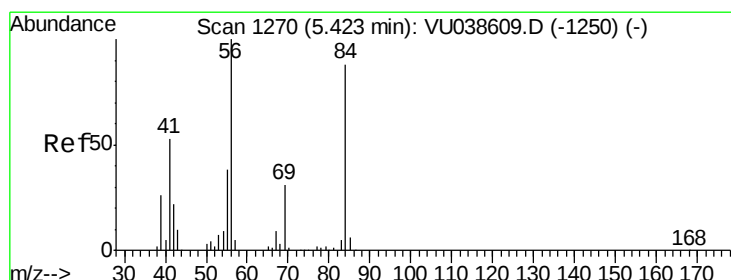
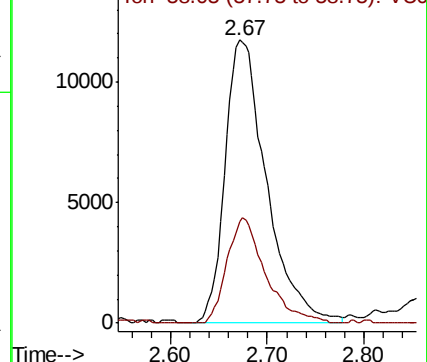
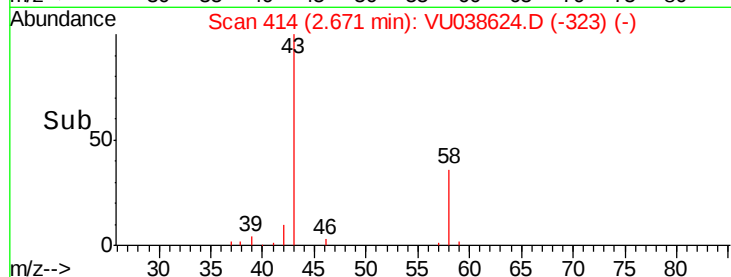
Ion Ratio Lower Upper

43 100

58 34.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038624.D (-323) (-)



#30

Cyclohexane

Concen: 0.269 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU038624.D

Acq: 06 Jun 2020 18:02

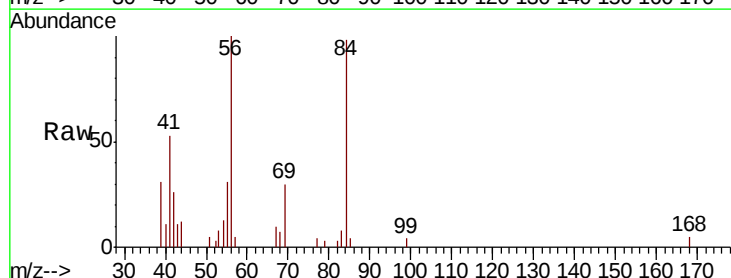
Tgt Ion: 56 Resp: 9008

Ion Ratio Lower Upper

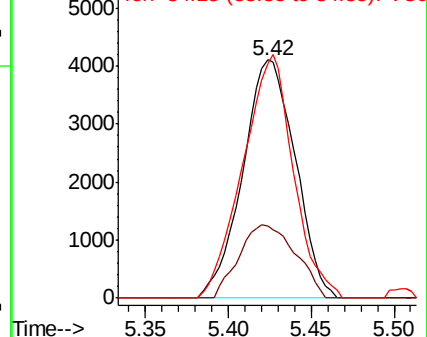
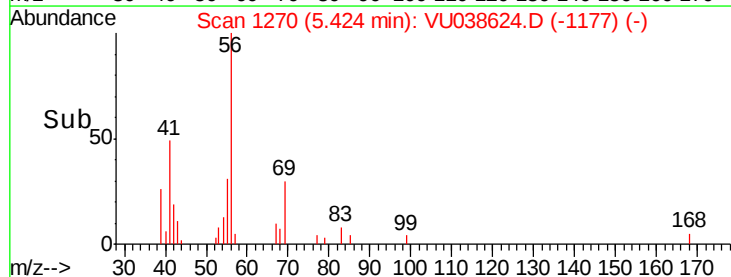
56 100

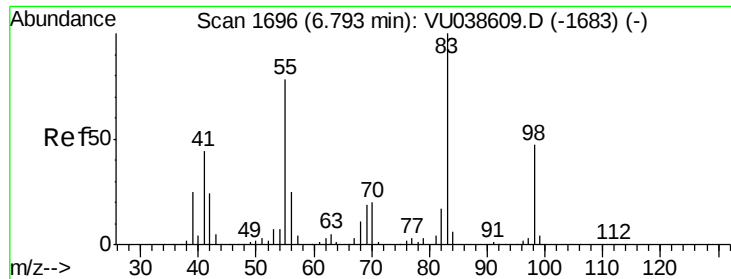
69 33.1 24.2 36.4

84 98.4 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU038624.D (-1177) (-)

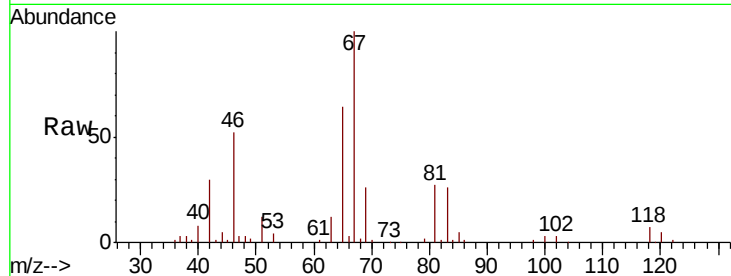




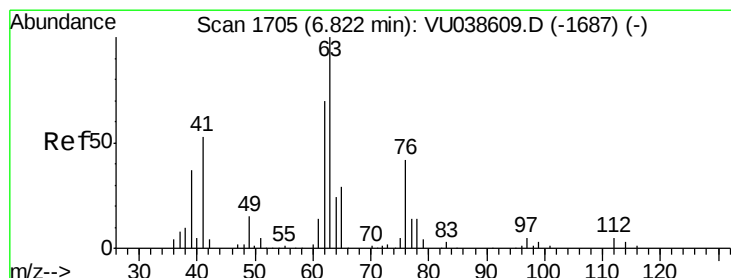
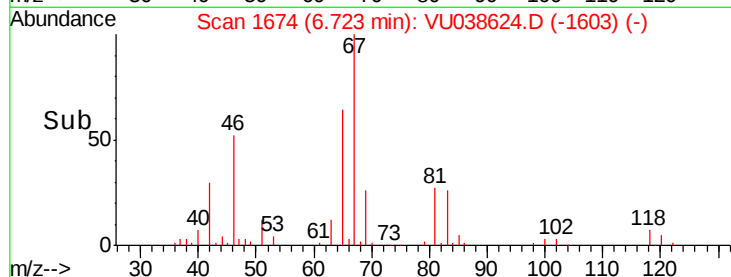
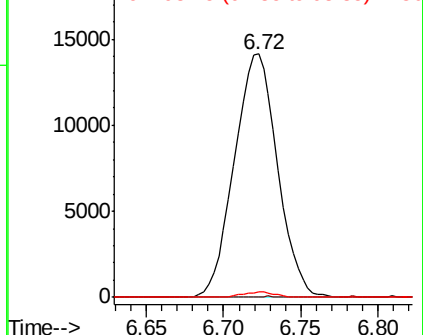
#35
Methvlcvclohexane
Concen: 0.809 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038624.D
Acq: 06 Jun 2020 18:02

Instrument :
MSVOA_U
ClientSampleId :
F9D45

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.1	63.4	95.2#
98	1.6	39.0	58.4#

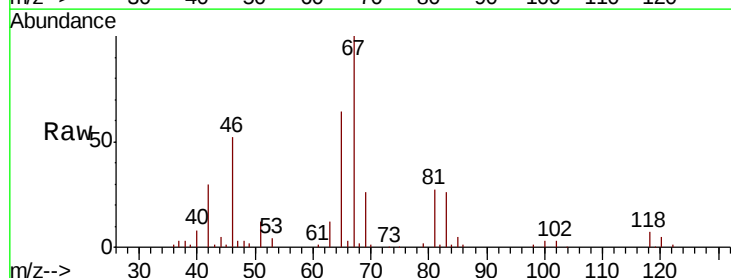


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

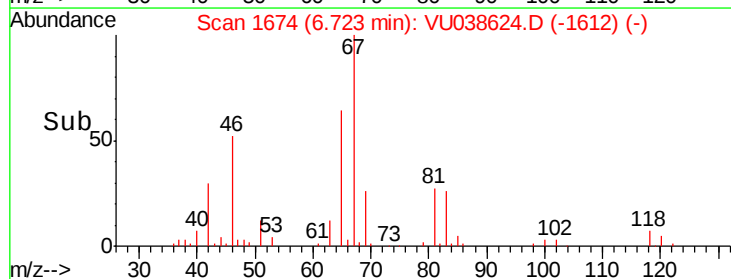
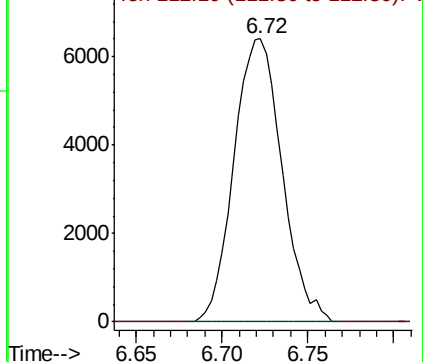


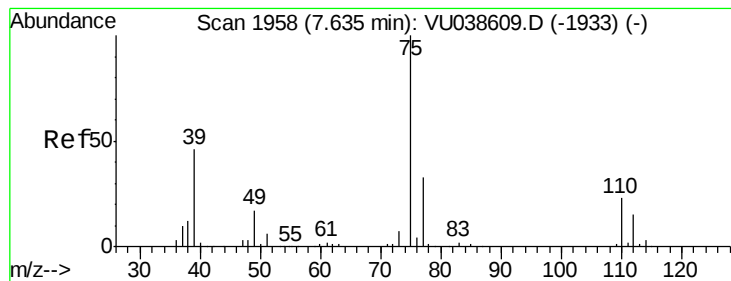
#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038624.D
Acq: 06 Jun 2020 18:02

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.7	5.5#



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



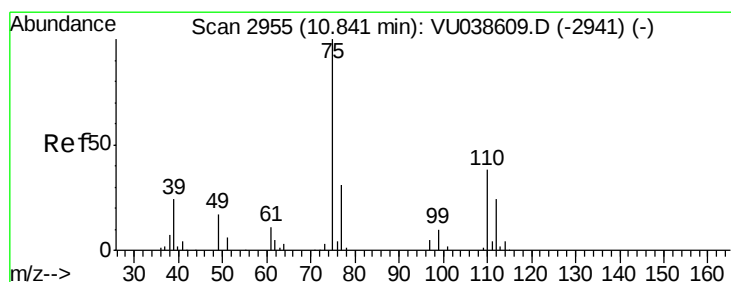
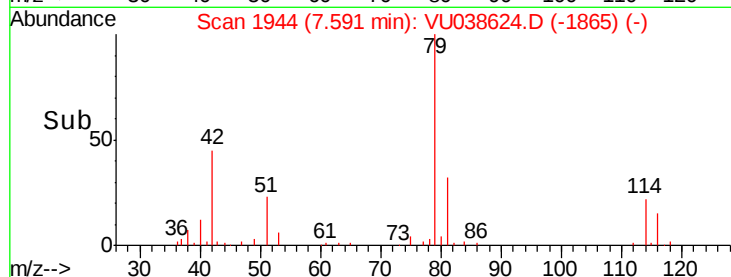
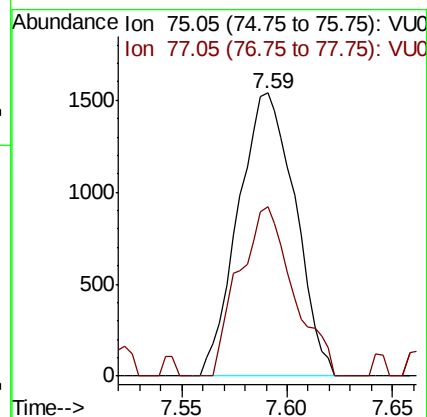
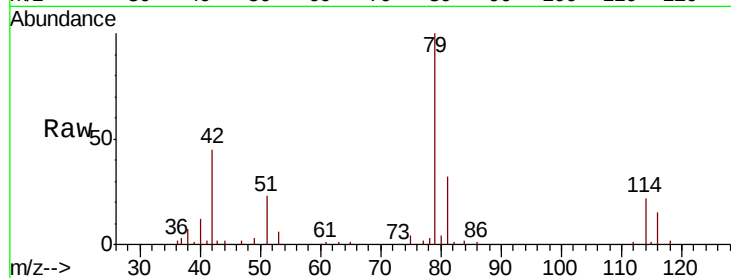


#39

cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038624.D
Acq: 06 Jun 2020 18:02

Instrument :
MSVOA_U
ClientSampled :
F9D45

Tot Ion: 75 Resp: 2885
Ion Ratio Lower Upper
75 100
77 59.9 21.9 40.7#



#59

1,2,3-Trichloropropane
Concen: 1.183 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038624.D
Acq: 06 Jun 2020 18:02

Tgt Ion: 75 Resp: 18726
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2

