

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038577.D
 Acq On : 05 Jun 2020 16:53
 Operator : SY/MD
 Sample : L2860-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D64

Quant Time: Jun 06 00:16:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 00:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293259	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	289859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63897	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.93	69	59495	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.59	63	109464	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.67	46	294777	51.13	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	5.10	84	160412	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.74	65	96916	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.76	84	318208	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.72	67	99666	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.92	98	264657	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.20	79	36879	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.65	63	246610	52.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92212	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	115397	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

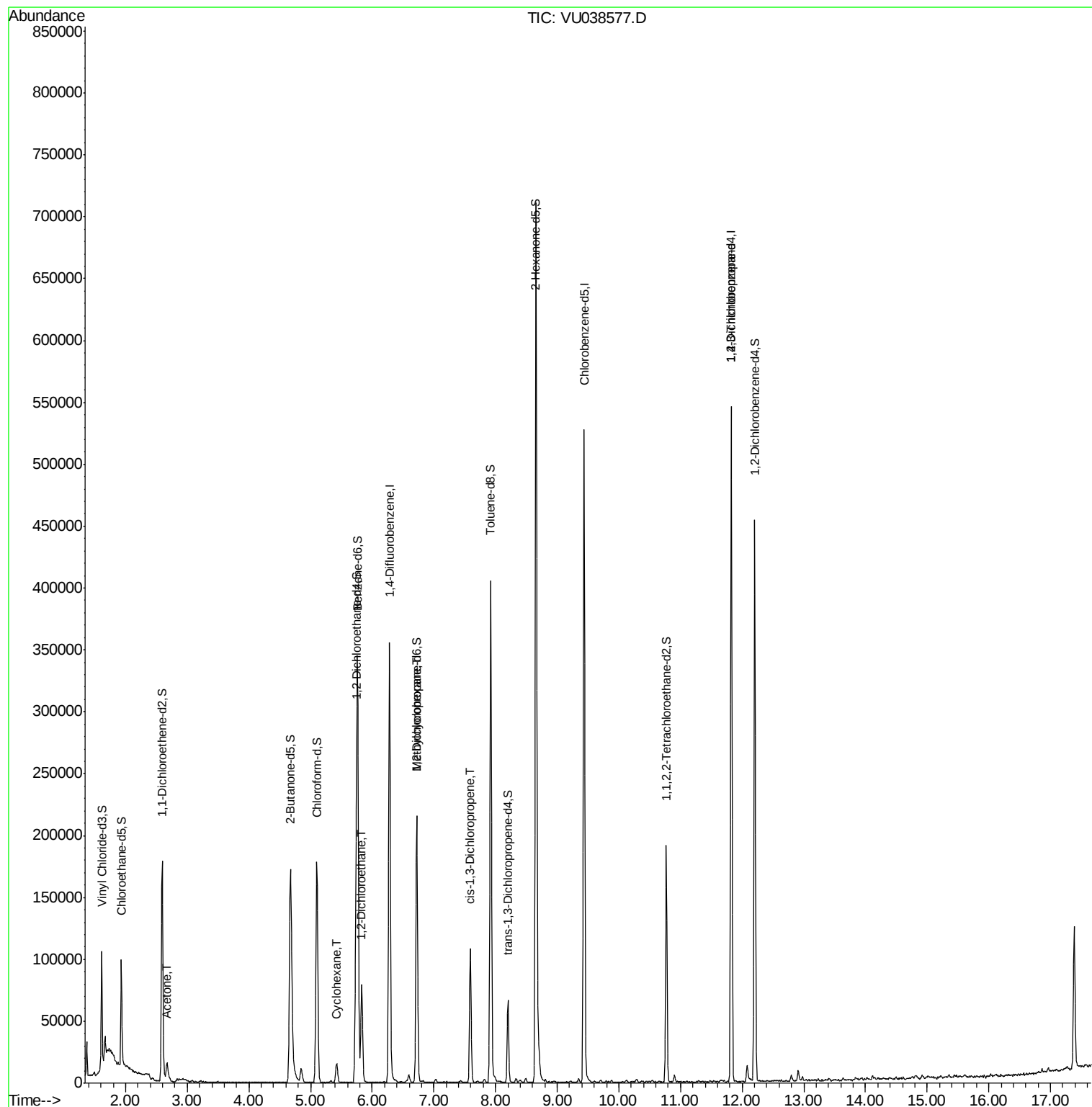
					Ovalue
13) Acetone	2.67	43	23593	6.253 ug/L	97
27) 1,2-Dichloroethane	5.83	62	66083	2.653 ug/L	98
30) Cyclohexane	5.42	56	7996	0.249 ug/L	97
35) Methylcyclohexane	6.72	83	25263	0.778 ug/L #	18
39) cis-1,3-Dichloropropene	7.59	75	2948	0.098 ug/L #	76
59) 1,2,3-Trichloropropane	11.82	75	17341	1.142 ug/L	89

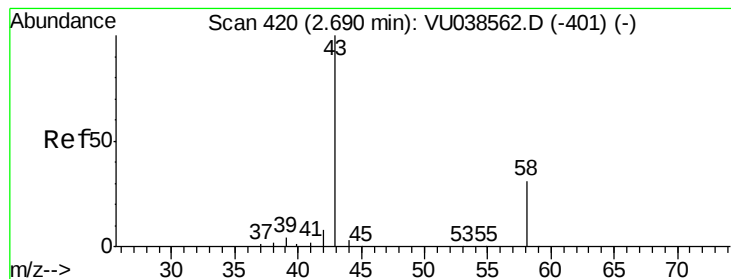
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.253 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.02 min

Lab File: VU038577.D

Acq: 05 Jun 2020 16:53

Instrument :

MSVOA_U

ClientSampled :

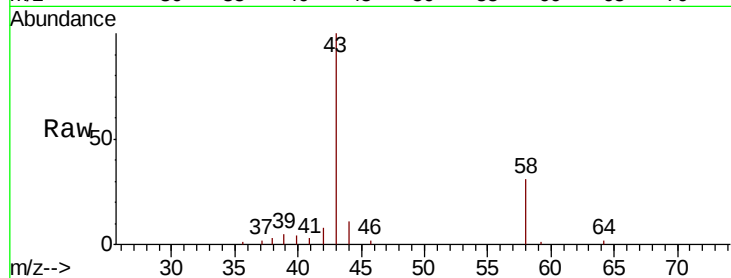
F9D64

Tot Ion: 43 Resp: 23593

Ion Ratio Lower Upper

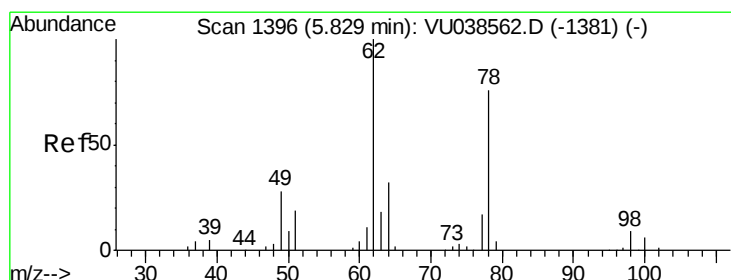
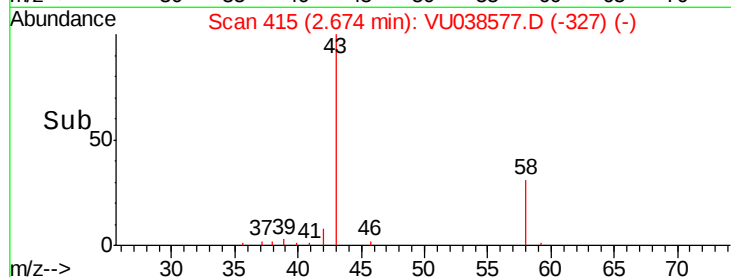
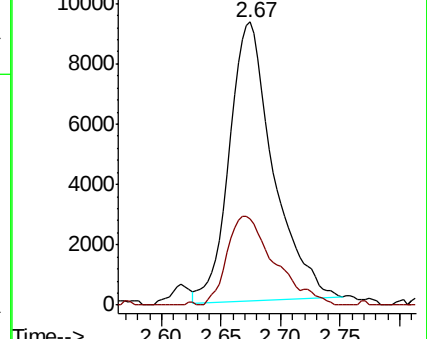
43 100

58 34.7 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038562.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038562.D (-401) (-)



#27

1,2-Dichloroethane

Concen: 2.653 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038577.D

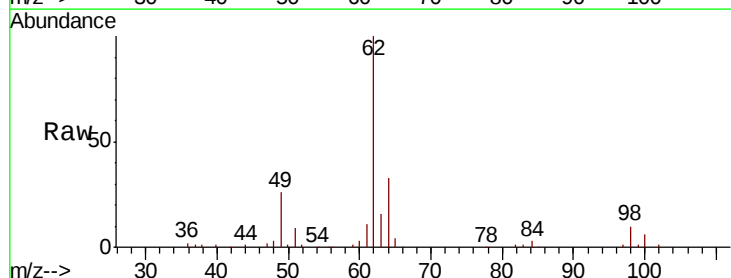
Acq: 05 Jun 2020 16:53

Tgt Ion: 62 Resp: 66083

Ion Ratio Lower Upper

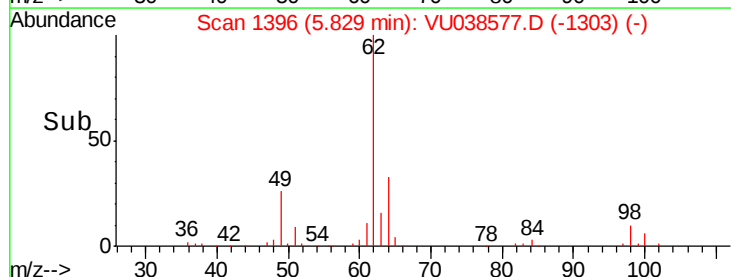
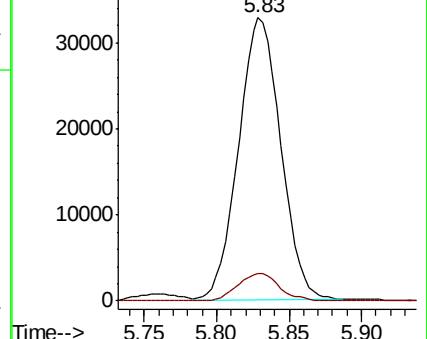
62 100

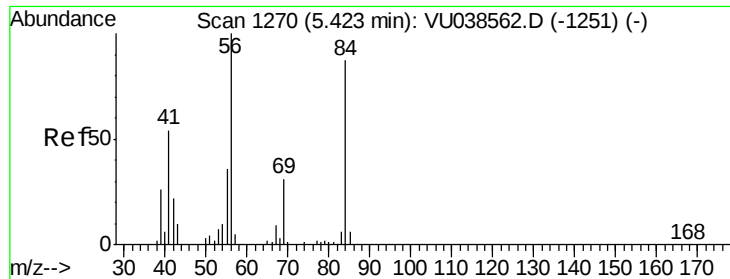
98 9.9 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038562.D (-1381) (-)

Ion 98.05 (97.75 to 98.75): VU038562.D (-1381) (-)

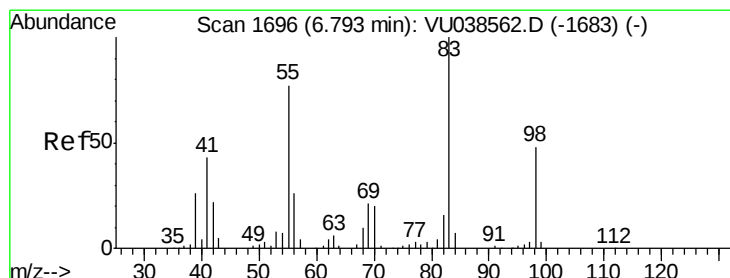
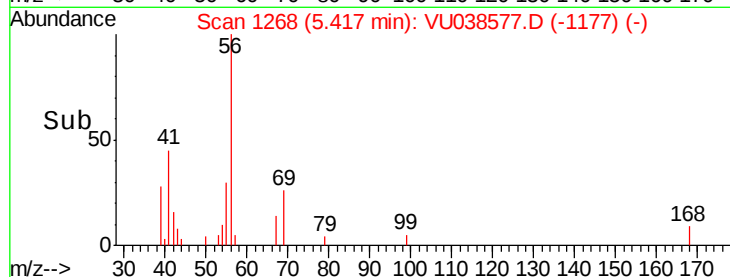
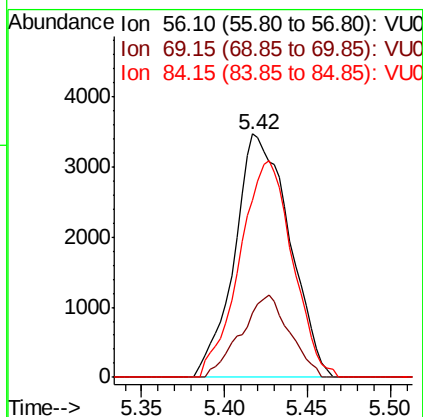
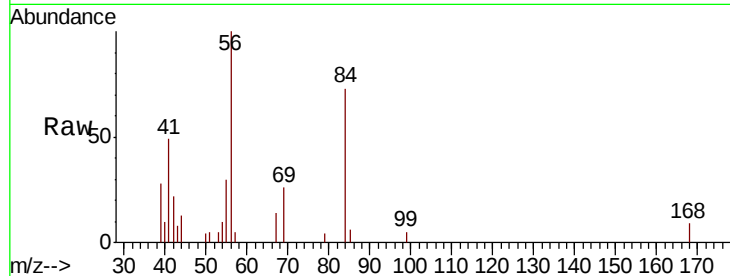




#30
Cyclohexane
Concen: 0.249 ug/L
RT: 5.42 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VU038577.D
Acq: 05 Jun 2020 16:53

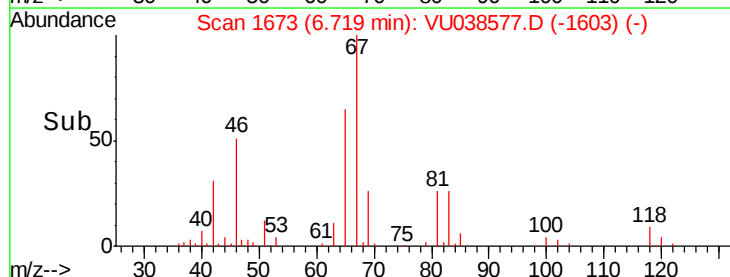
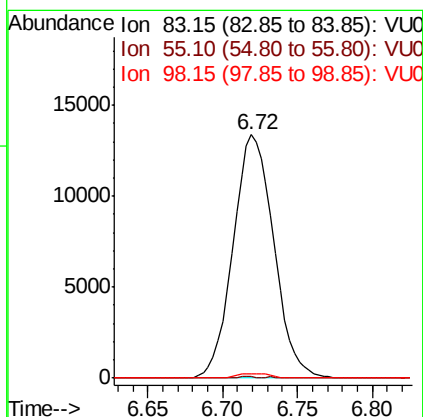
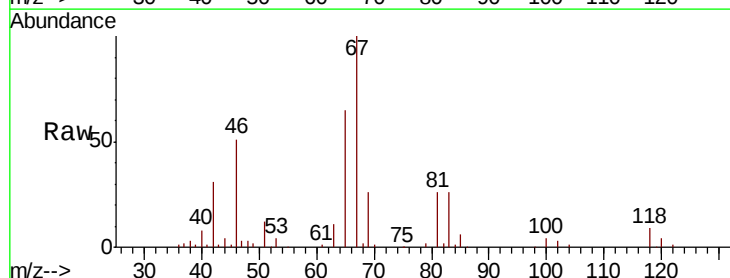
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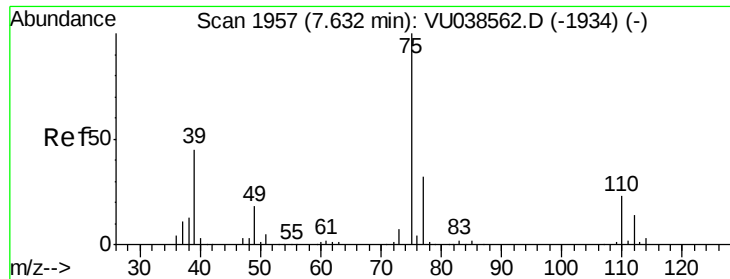
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.2	36.4
84	85.3	70.8	106.2



#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038577.D
Acq: 05 Jun 2020 16:53

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.2#
98	1.5	39.0	58.4#



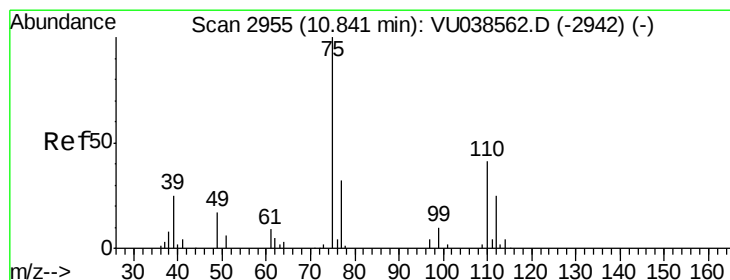
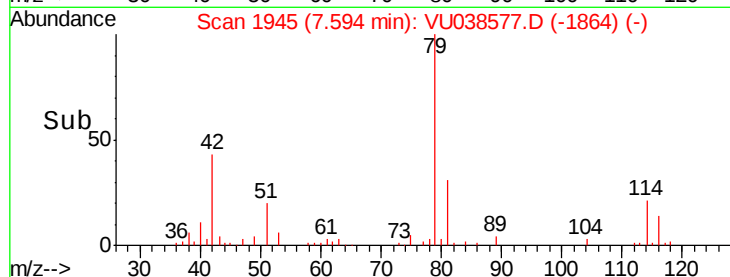
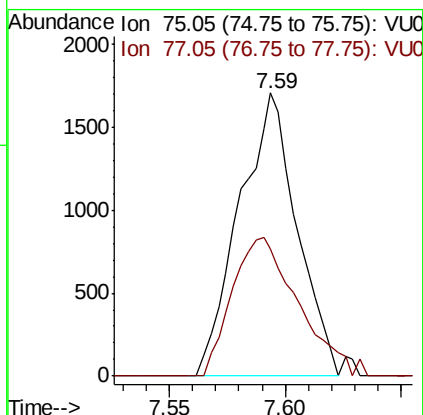
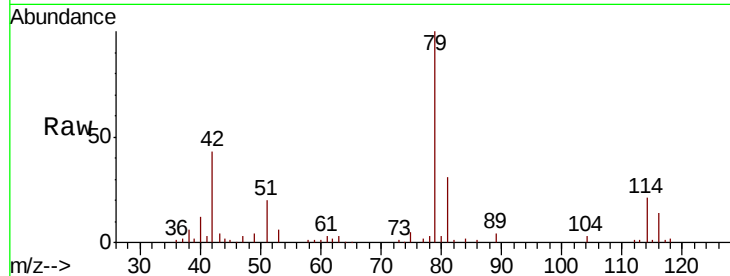


#39

cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038577.D
 Acq: 05 Jun 2020 16:53

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D64

Tot Ion: 75 Resp: 2948
 Ion Ratio Lower Upper
 75 100
 77 44.8 21.9 40.7#



#59

1,2,3-Trichloropropane
 Concen: 1.142 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038577.D
 Acq: 05 Jun 2020 16:53

Tgt Ion: 75 Resp: 17341
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.4 38.2

