

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039485.D
 Acq On : 14 Jul 2020 15:30
 Operator : SY/MD
 Sample : L3295-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jul 15 06:24:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	94355	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	88712	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42478	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29194	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.92	69	29286	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.58	63	43163	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.66	46	116941	46.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.46%
24) Chloroform-d	5.08	84	56762	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	36827	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.75	84	115614	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.71	67	39373	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.91	98	103710	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
43) trans-1,3-Dichloropropene-	8.19	79	15634	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.64	63	84999	43.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.50%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32884	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	40664	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

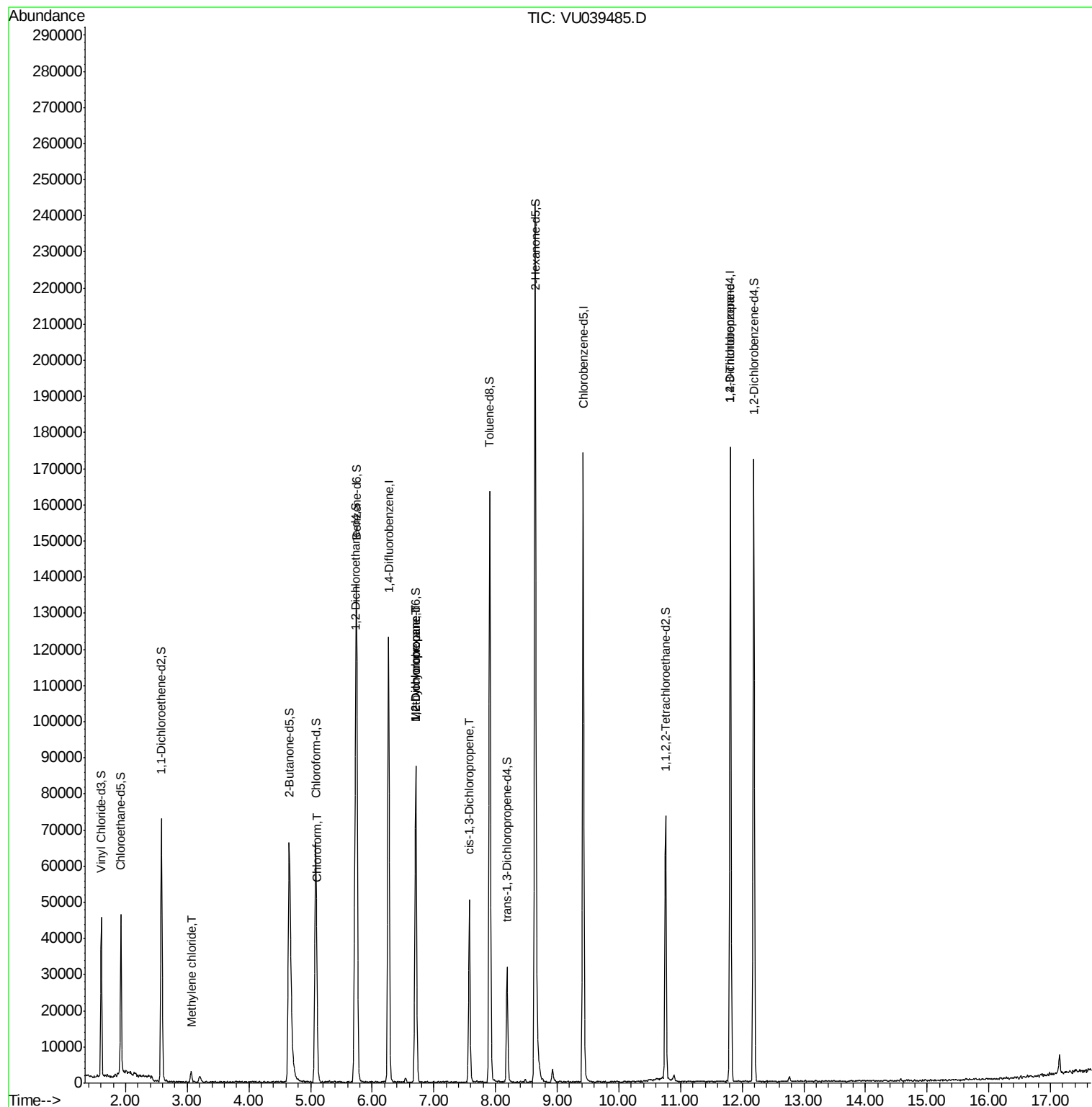
					Ovalue
16) Methylene chloride	3.06	84	1236	0.175 ug/L	96
25) Chloroform	5.11	83	3883	0.316 ug/L	83
35) Methylcyclohexane	6.70	83	8532	0.777 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	4888	0.676 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1317	0.120 ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	6625	1.243 ug/L	99

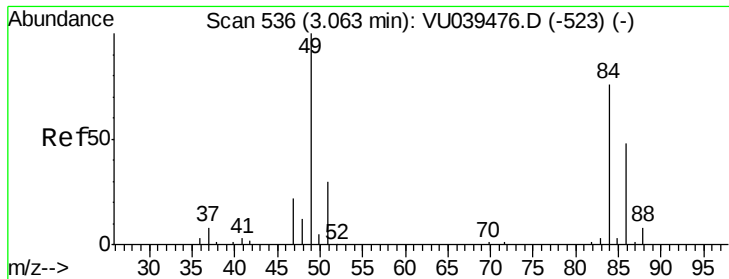
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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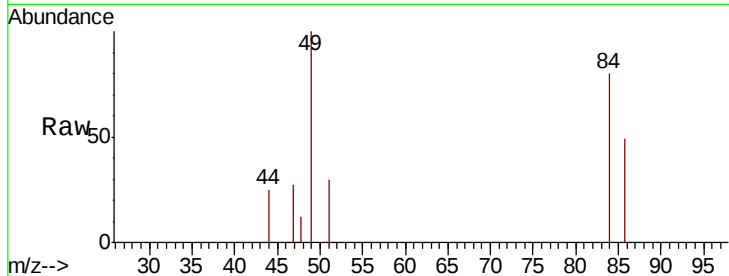




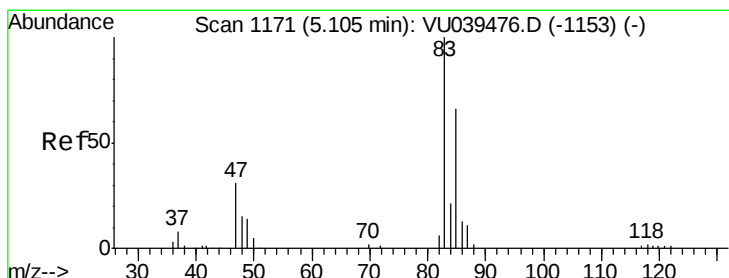
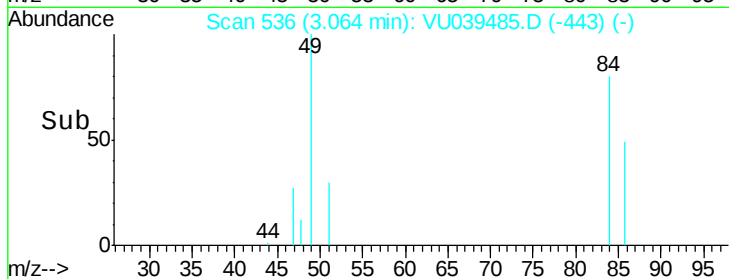
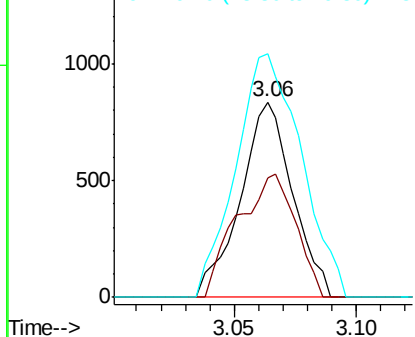
#16
Methylene chloride
Concen: 0.175 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039485.D
Acq: 14 Jul 2020 15:30

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 84 Resp: 1236
Ion Ratio Lower Upper
84 100
86 61.0 43.5 80.9
49 124.8 91.1 169.1

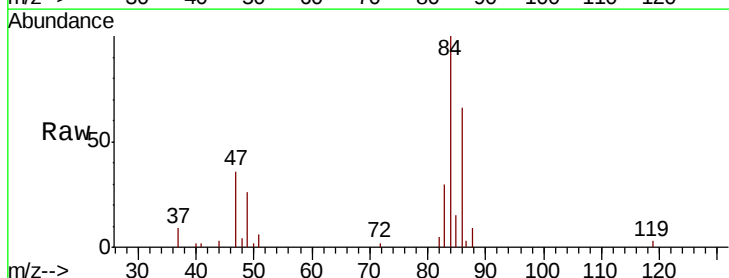


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

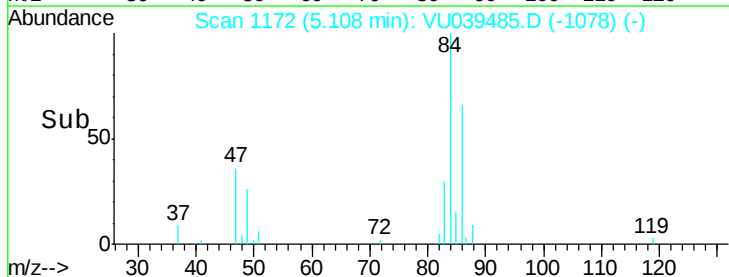
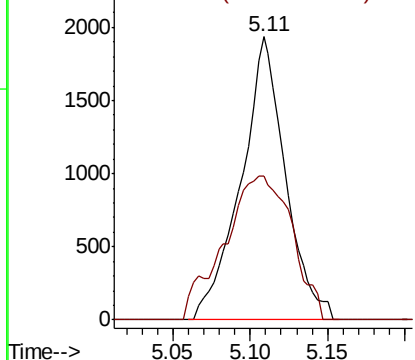


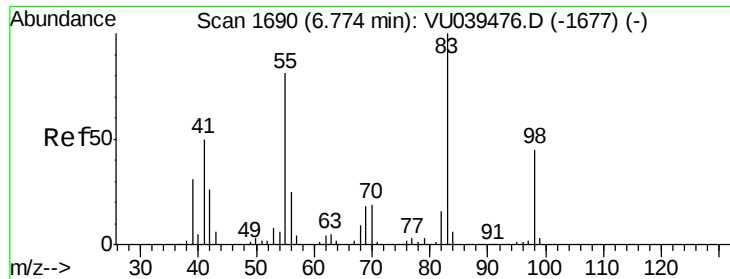
#25
Chloroform
Concen: 0.316 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039485.D
Acq: 14 Jul 2020 15:30

Tgt Ion: 83 Resp: 3883
Ion Ratio Lower Upper
83 100
85 50.9 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

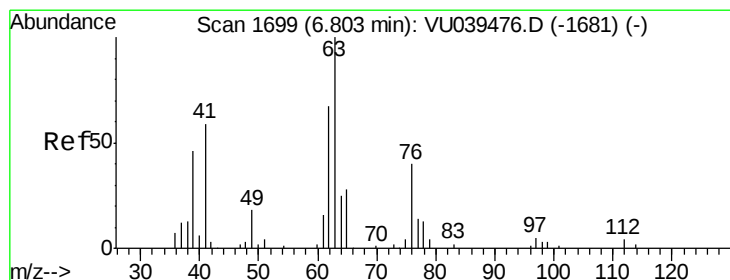
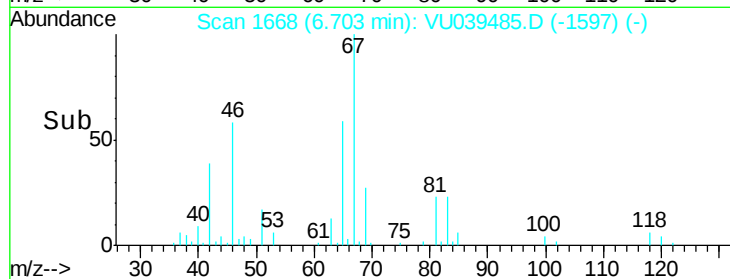
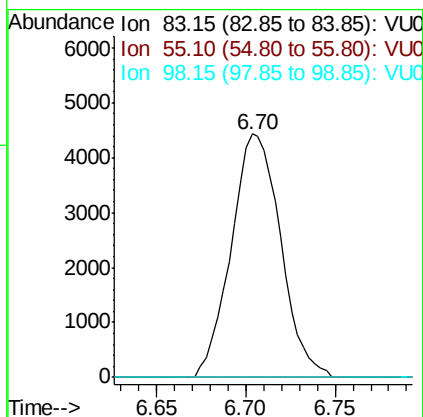
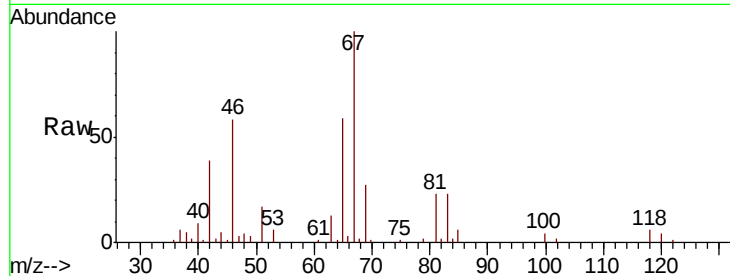




#35
Methvlcvclohexane
Concen: 0.777 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039485.D
Acq: 14 Jul 2020 15:30

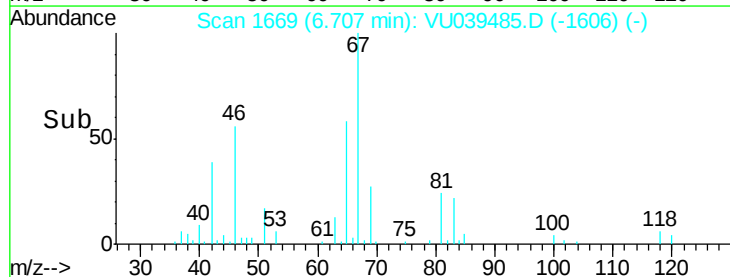
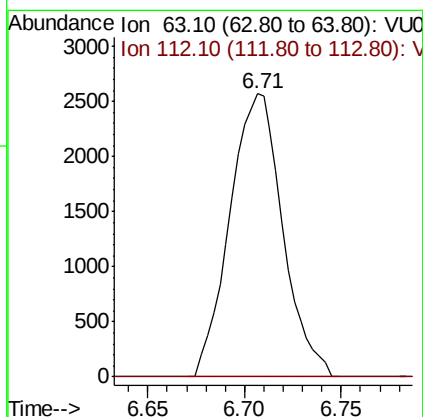
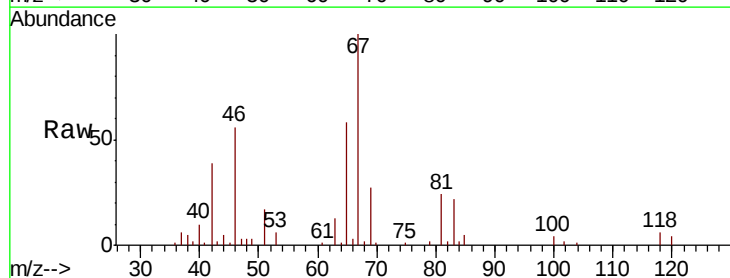
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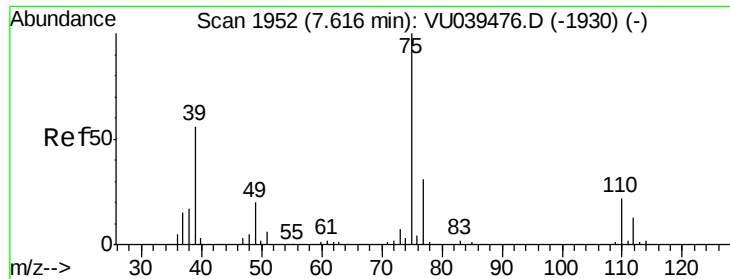
Tot Ion: 83 Resp: 8532
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.7 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.676 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039485.D
Acq: 14 Jul 2020 15:30

Tgt Ion: 63 Resp: 4888
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



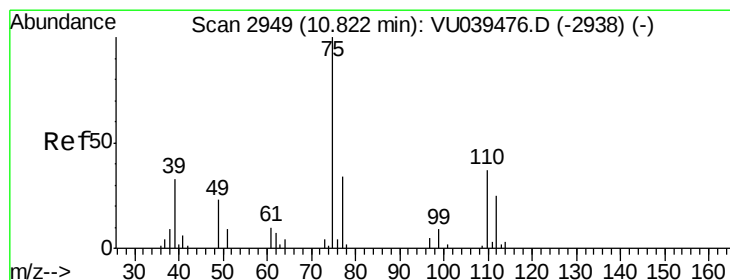
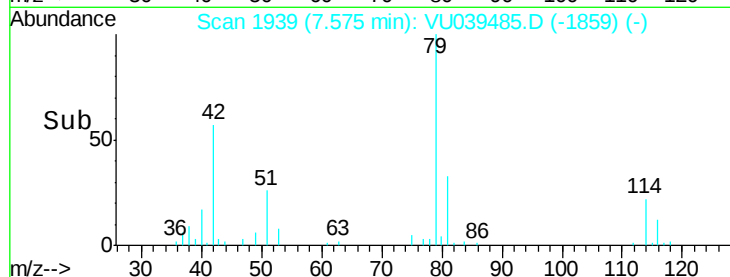
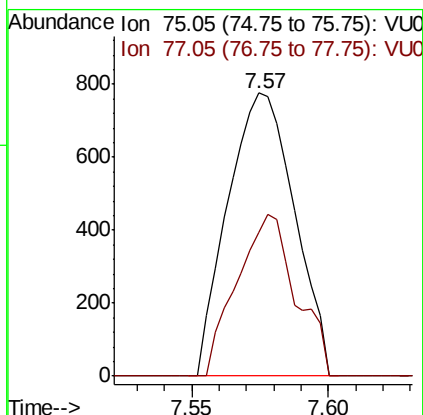
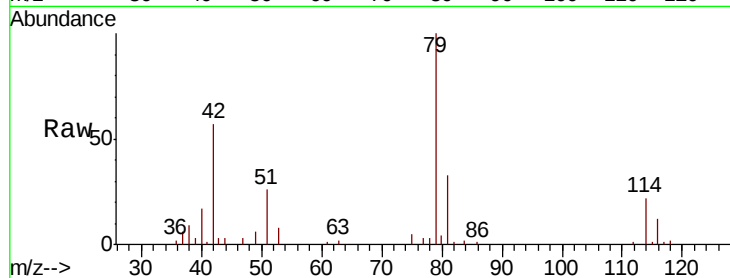


#39

cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039485.D
 Acq: 14 Jul 2020 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tot Ion: 75 Resp: 1317
 Ion Ratio Lower Upper
 75 100
 77 51.0 22.3 41.3#



#59

1,2,3-Trichloropropane
 Concen: 1.243 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039485.D
 Acq: 14 Jul 2020 15:30

Tgt Ion: 75 Resp: 6625
 Ion Ratio Lower Upper
 75 100
 77 34.2 26.8 40.2

