

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071320\
 Data File : VU039472.D
 Acq On : 13 Jul 2020 15:57
 Operator : SY/MD
 Sample : L3268-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jul 14 07:15:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 14 07:08:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	105298	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	100969	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46110	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30444	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.92	69	26684	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.58	63	45952	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.66	46	117493	42.08	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.16%
24) Chloroform-d	5.09	84	56201	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.72	65	36736	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.74	84	116626	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.71	67	38584	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.91	98	105882	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.19	79	15163	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.64	63	83166	37.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.36%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	33190	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	38856	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

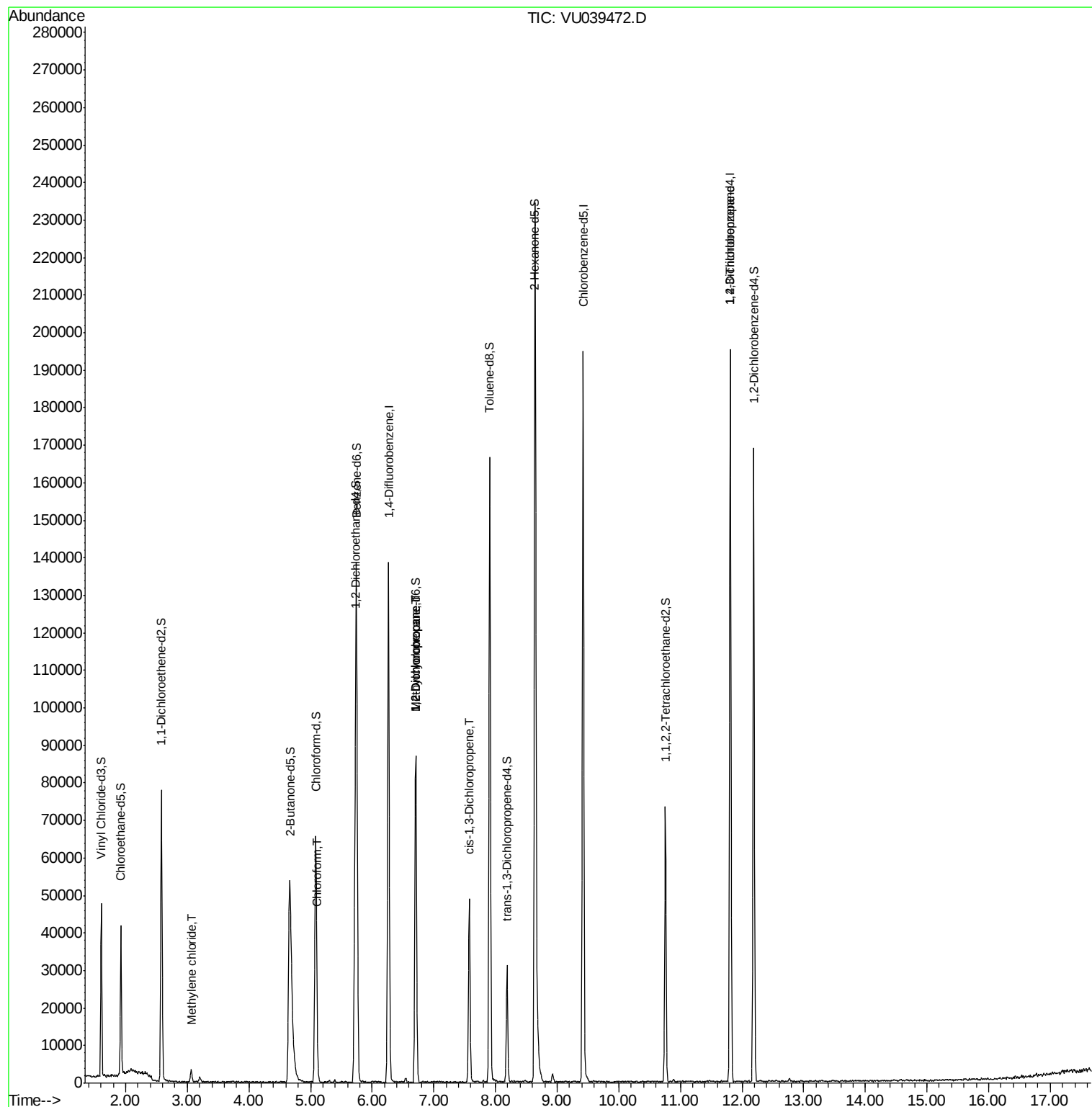
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1246	0.158	ug/L	91
25) Chloroform	5.11	83	2531	0.185	ug/L	98
35) Methylcyclohexane	6.70	83	8310	0.665	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4559	0.554	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1320	0.106	ug/L	96
59) 1,2,3-Trichloropropane	11.81	75	7254	1.196	ug/L	92

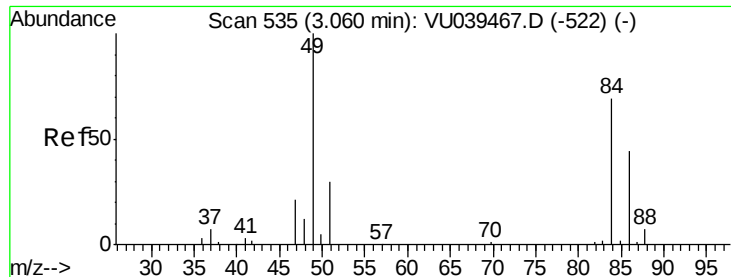
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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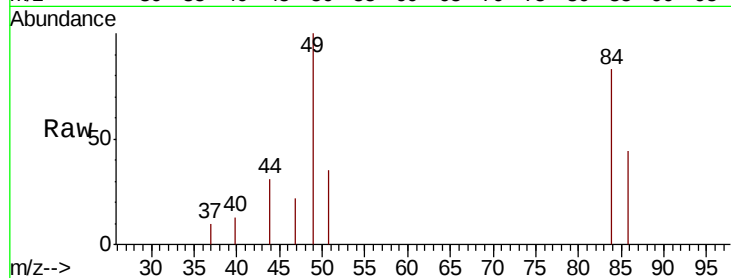




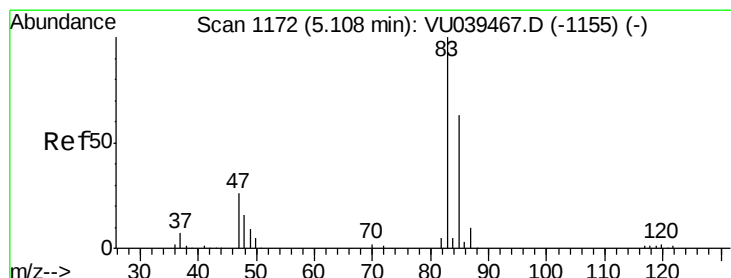
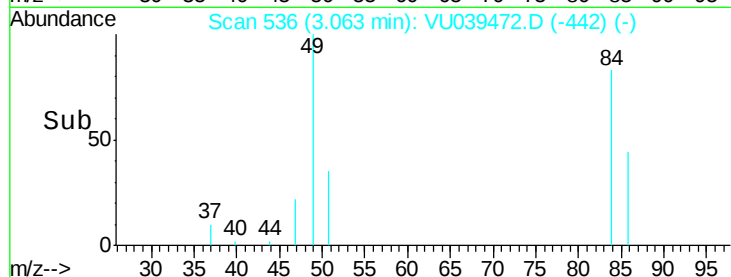
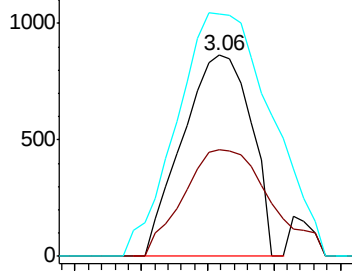
#16
Methvlene chloride
Concen: 0.158 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039472.D
Acq: 13 Jul 2020 15:57

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 84 Resp: 1246
Ion Ratio Lower Upper
84 100
86 53.2 43.5 80.9
49 120.6 91.1 169.1

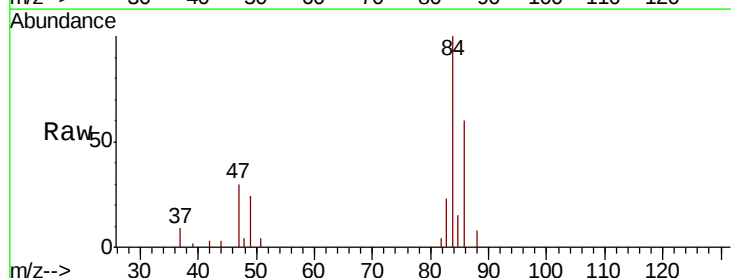


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

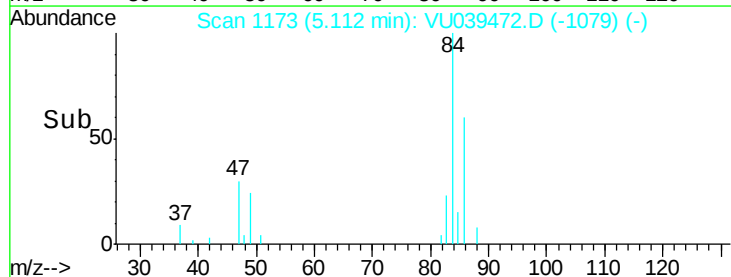
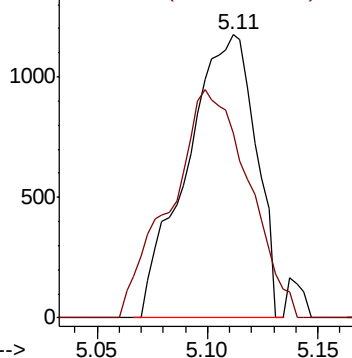


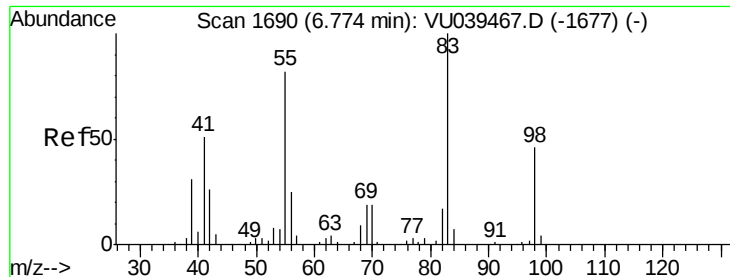
#25
Chloroform
Concen: 0.185 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039472.D
Acq: 13 Jul 2020 15:57

Tgt Ion: 83 Resp: 2531
Ion Ratio Lower Upper
83 100
85 65.5 44.9 83.5



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

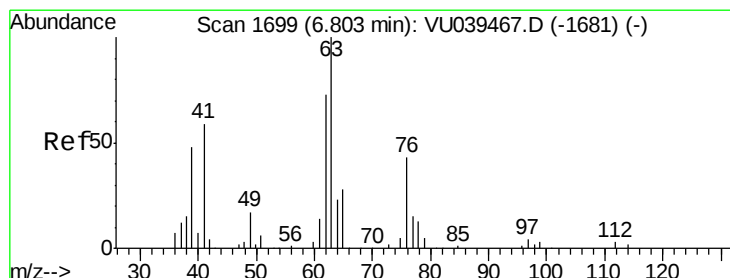
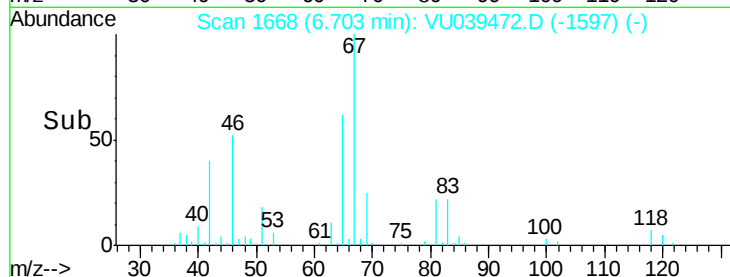
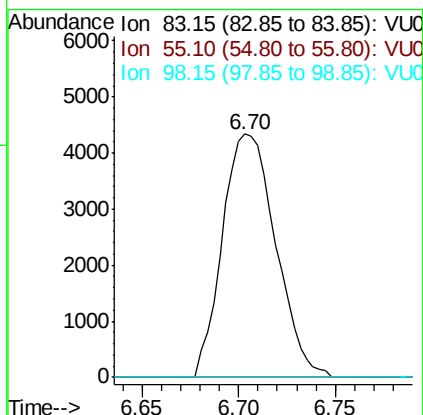
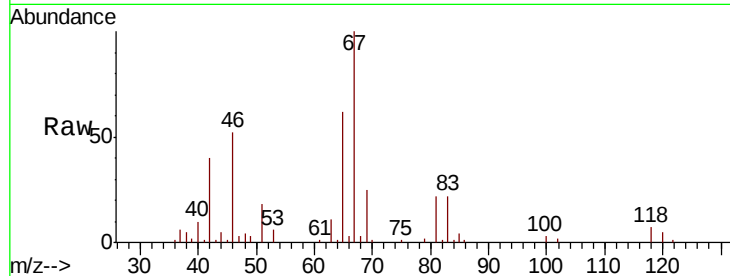




#35
Methvlcvclohexane
Concen: 0.665 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039472.D
Acq: 13 Jul 2020 15:57

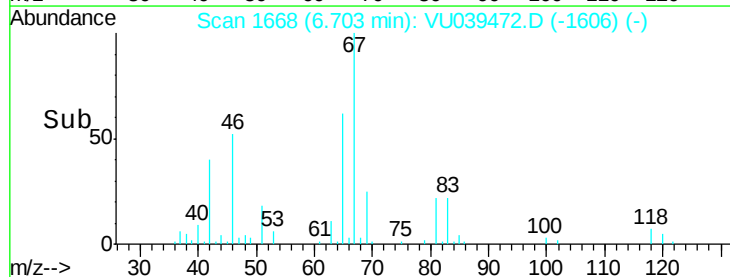
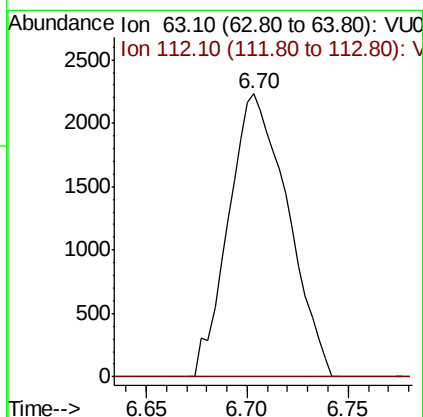
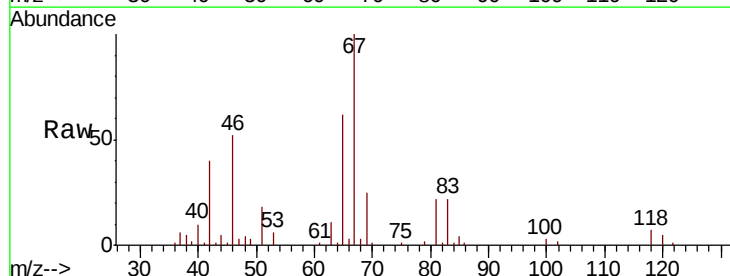
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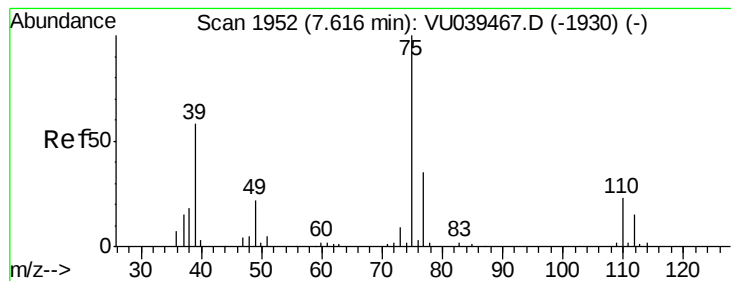
Tot Ion: 83 Resp: 8310
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 1.2 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039472.D
Acq: 13 Jul 2020 15:57

Tgt Ion: 63 Resp: 4559
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



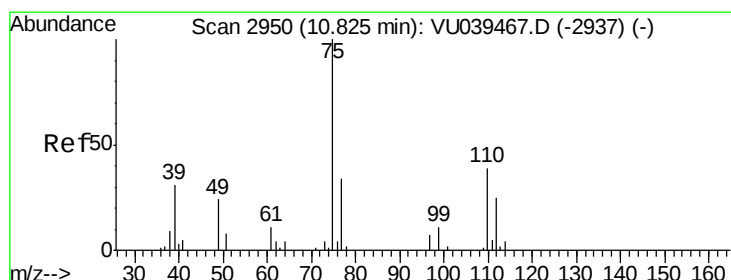
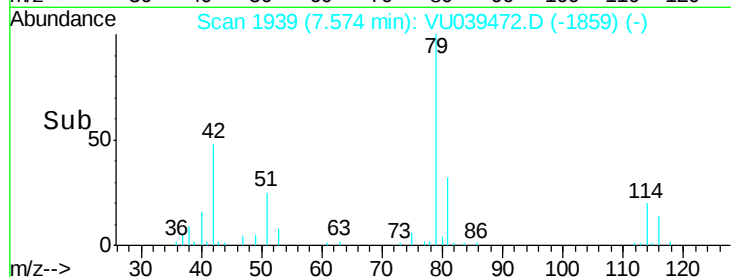
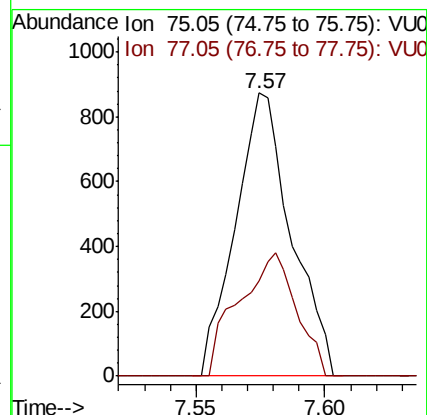
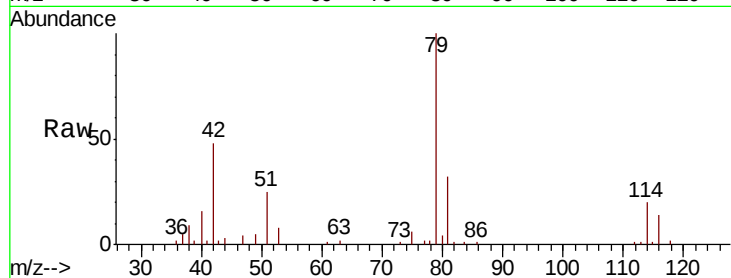


#39

cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039472.D
 Acq: 13 Jul 2020 15:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tot Ion: 75 Resp: 1320
 Ion Ratio Lower Upper
 75 100
 77 33.8 22.3 41.3



#59

1,2,3-Trichloropropane
 Concen: 1.196 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039472.D
 Acq: 13 Jul 2020 15:57

Tgt Ion: 75 Resp: 7254
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.8 40.2

