

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039045.D
 Acq On : 23 Jun 2020 17:21
 Operator : SY/MD
 Sample : L3073-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 24 01:15:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271338	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	273632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	115723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94847	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	81151	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.59	63	136083	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.67	46	383394	53.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.92%
24) Chloroform-d	5.10	84	182006	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.74	65	119424	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.76	84	365970	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.72	67	124697	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.92	98	283386	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	51775	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.65	63	310312	54.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115450	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	114125	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

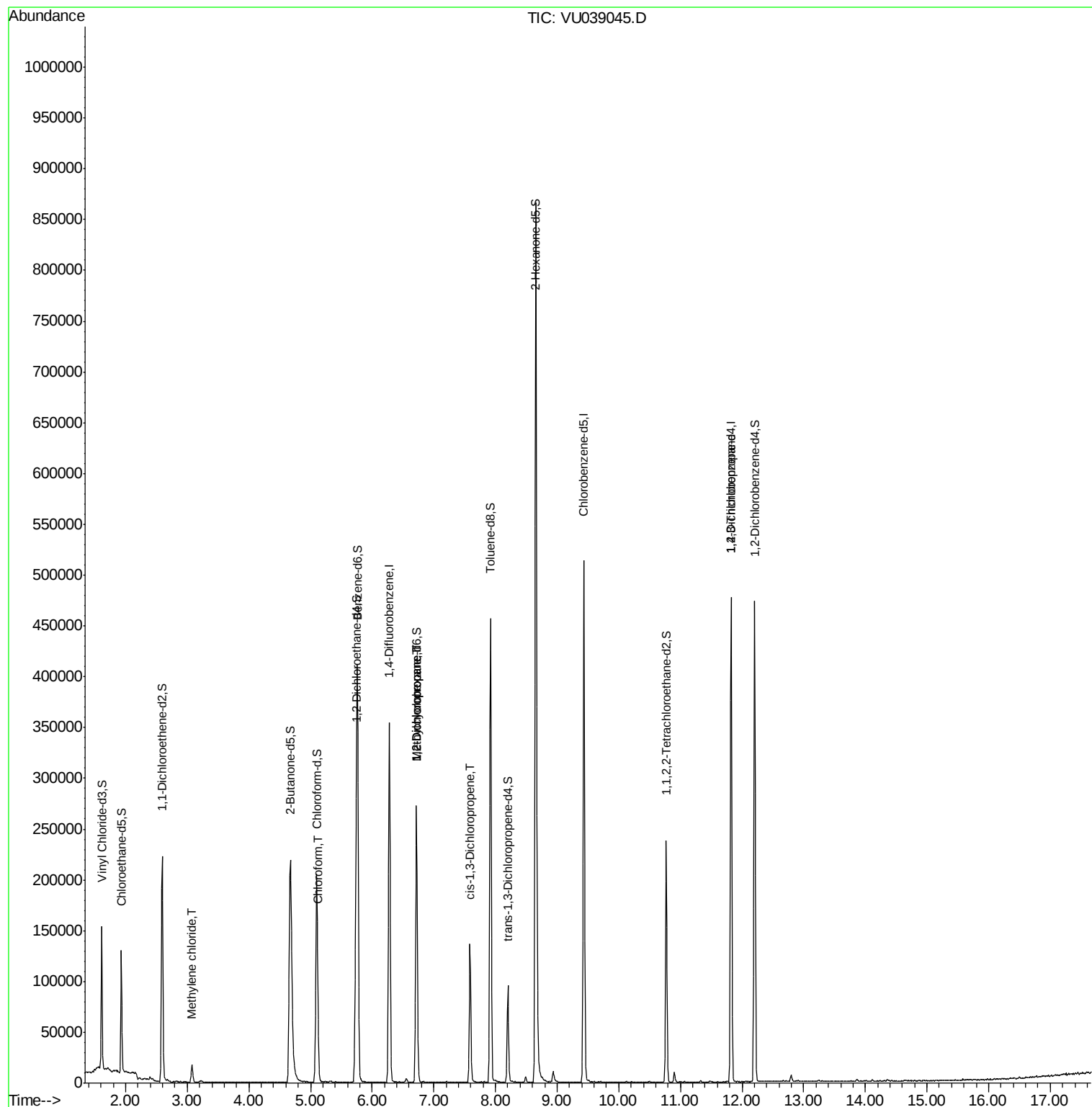
					Ovalue
16) Methylene chloride	3.08	84	7748	0.334 ug/L	94
25) Chloroform	5.12	83	7113	0.177 ug/L	92
35) Methylcyclohexane	6.72	83	28588	0.926 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13252	0.569 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	3429	0.106 ug/L #	78
59) 1,2,3-Trichloropropane	11.82	75	16659	0.949 ug/L	92

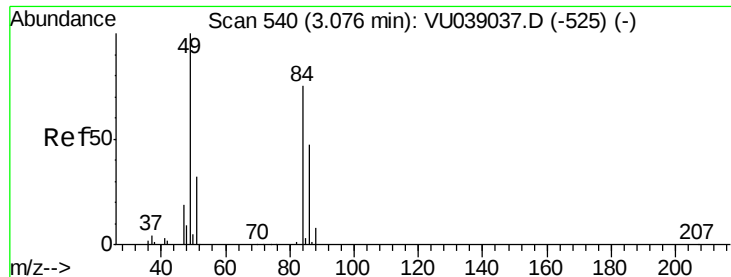
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 01:05:38 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.334 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU039045.D

Acq: 23 Jun 2020 17:21

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

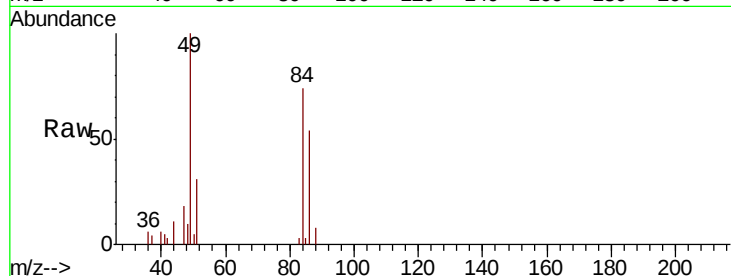
Tot Ion: 84 Resp: 7748

Ion Ratio Lower Upper

84 100

86 73.4 44.1 81.9

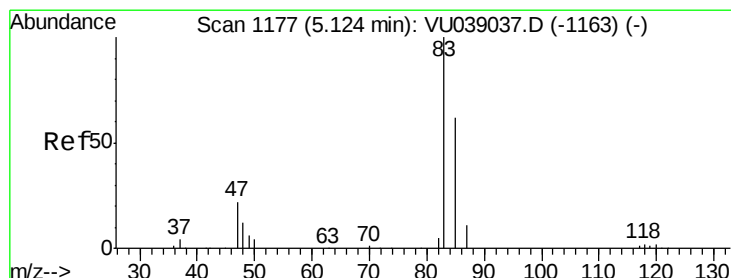
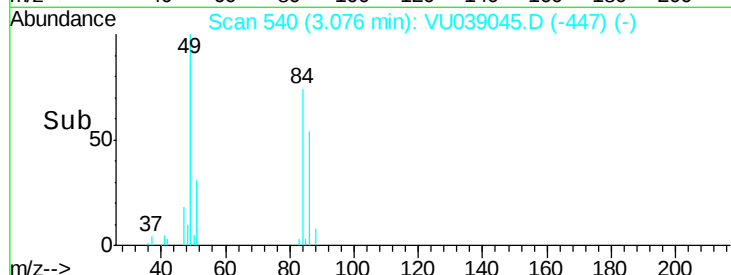
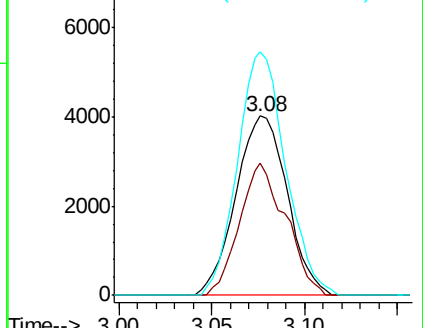
49 135.7 93.1 172.9



Abundance Ion 84.05 (83.75 to 84.75): VU039045.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039045.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039045.D (-447) (-)



#25

Chloroform

Concen: 0.177 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU039045.D

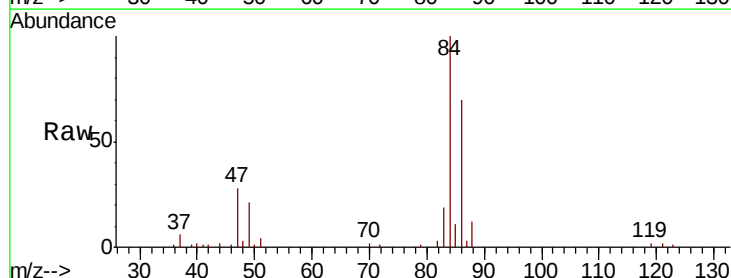
Acq: 23 Jun 2020 17:21

Tgt Ion: 83 Resp: 7113

Ion Ratio Lower Upper

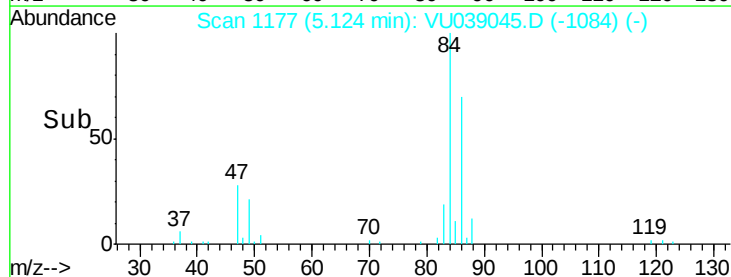
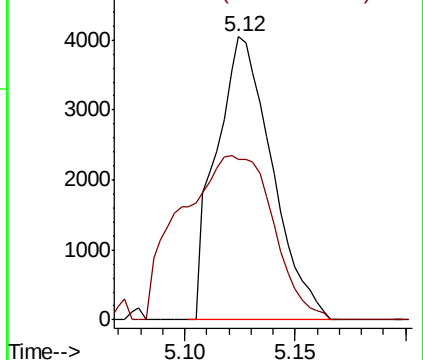
83 100

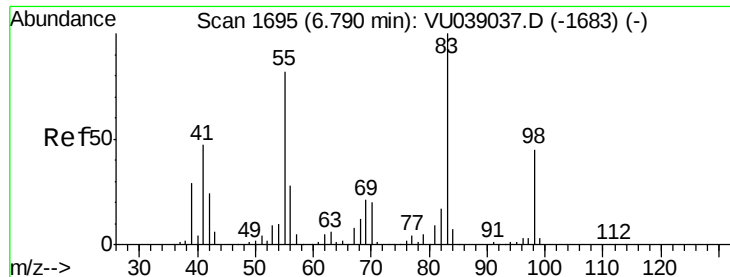
85 56.7 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VU039045.D (-1084) (-)

Ion 85.00 (84.70 to 85.70): VU039045.D (-1084) (-)

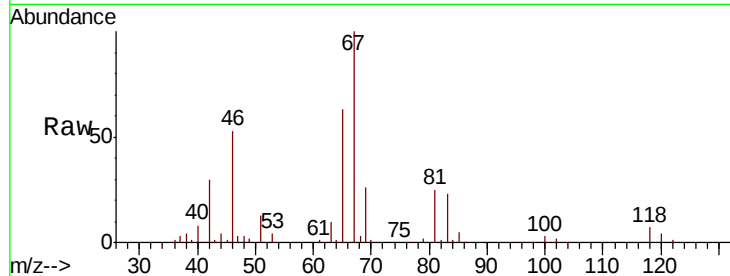




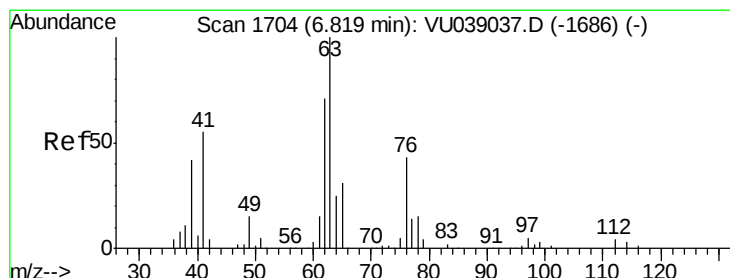
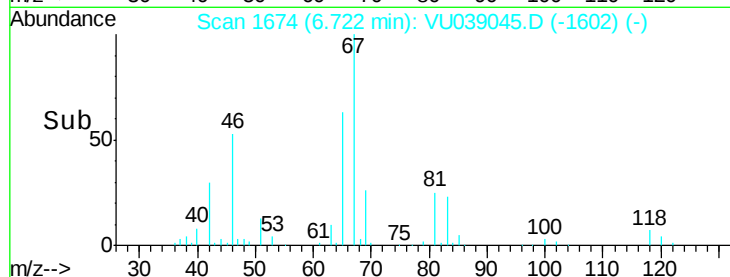
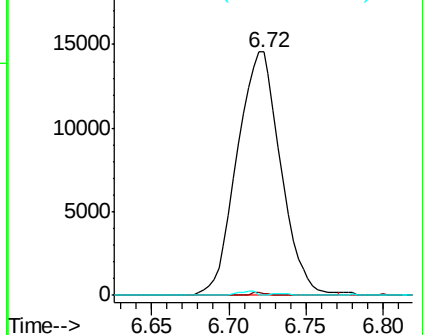
#35
Methvlcvclohexane
Concen: 0.926 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039045.D
Acq: 23 Jun 2020 17:21

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VHBLK01

Tot Ion: 83 Resp: 28588
Ion Ratio Lower Upper
83 100
55 0.1 65.5 98.3#
98 0.3 36.5 54.7#

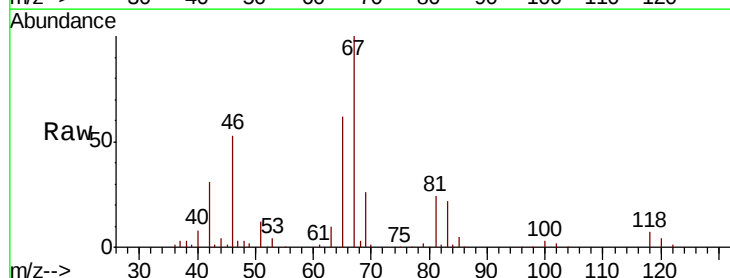


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

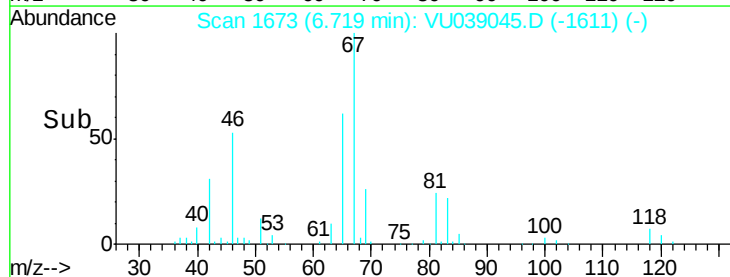
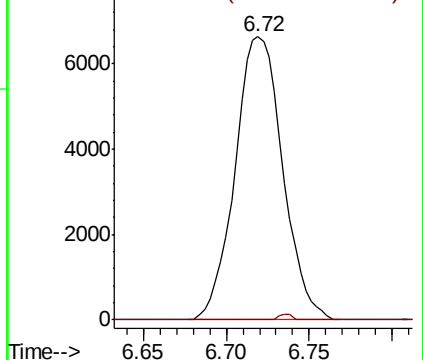


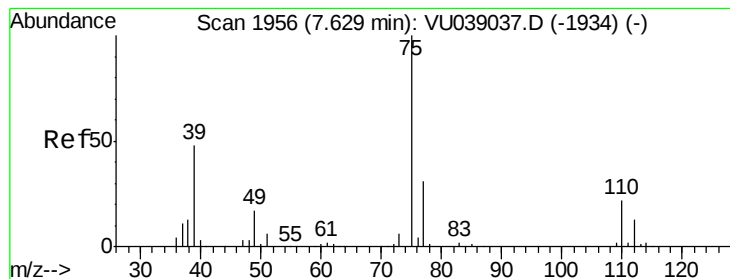
#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039045.D
Acq: 23 Jun 2020 17:21

Tgt Ion: 63 Resp: 13252
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#



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



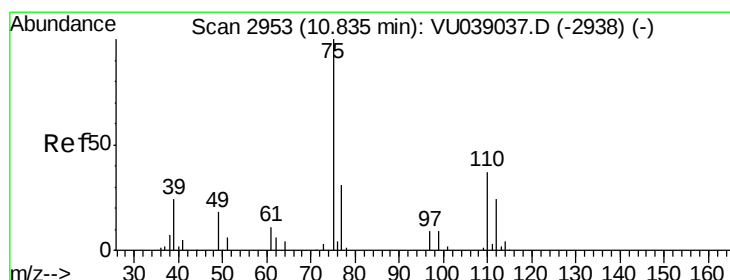
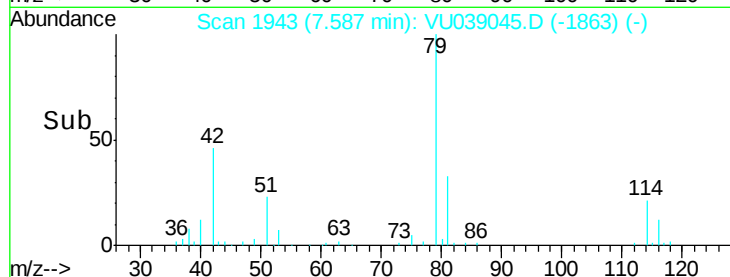
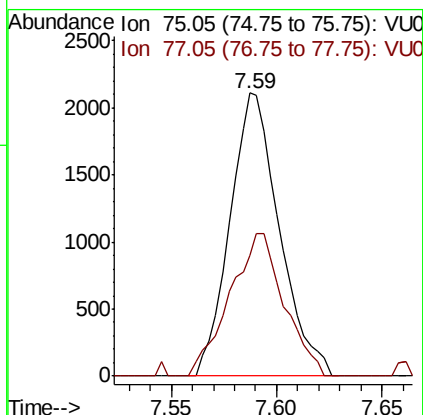
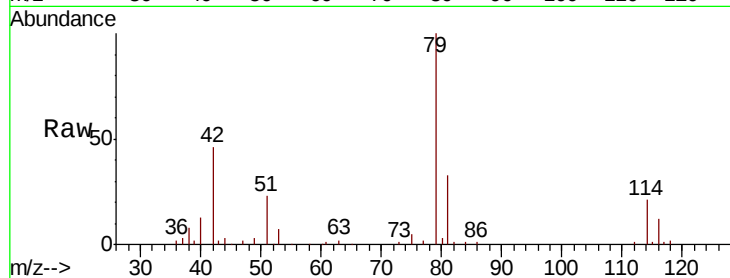


#39

cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU039045.D
Acq: 23 Jun 2020 17:21

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 75 Resp: 3429
Ion Ratio Lower Upper
75 100
77 42.8 21.6 40.0#



#59

1,2,3-Trichloropropane
Concen: 0.949 ug/L
RT: 11.82 min Scan# 3259
Delta R.T. 0.98 min
Lab File: VU039045.D
Acq: 23 Jun 2020 17:21

Tgt Ion: 75 Resp: 16659
Ion Ratio Lower Upper
75 100
77 37.0 26.2 39.2

