

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039168.D
 Acq On : 26 Jun 2020 16:35
 Operator : SY/MD
 Sample : L3121-14RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F49

Quant Time: Jun 26 23:56:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	220905	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	228373	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	98869	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	65365	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.93	69	64915	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.59	63	107506	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.68	46	322264	55.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.40%
24) Chloroform-d	5.10	84	159073	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.74	65	101038	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.76	84	294411	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.72	67	98756	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.92	98	223764	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.20	79	38262	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.65	63	242236	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84303	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	92506	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

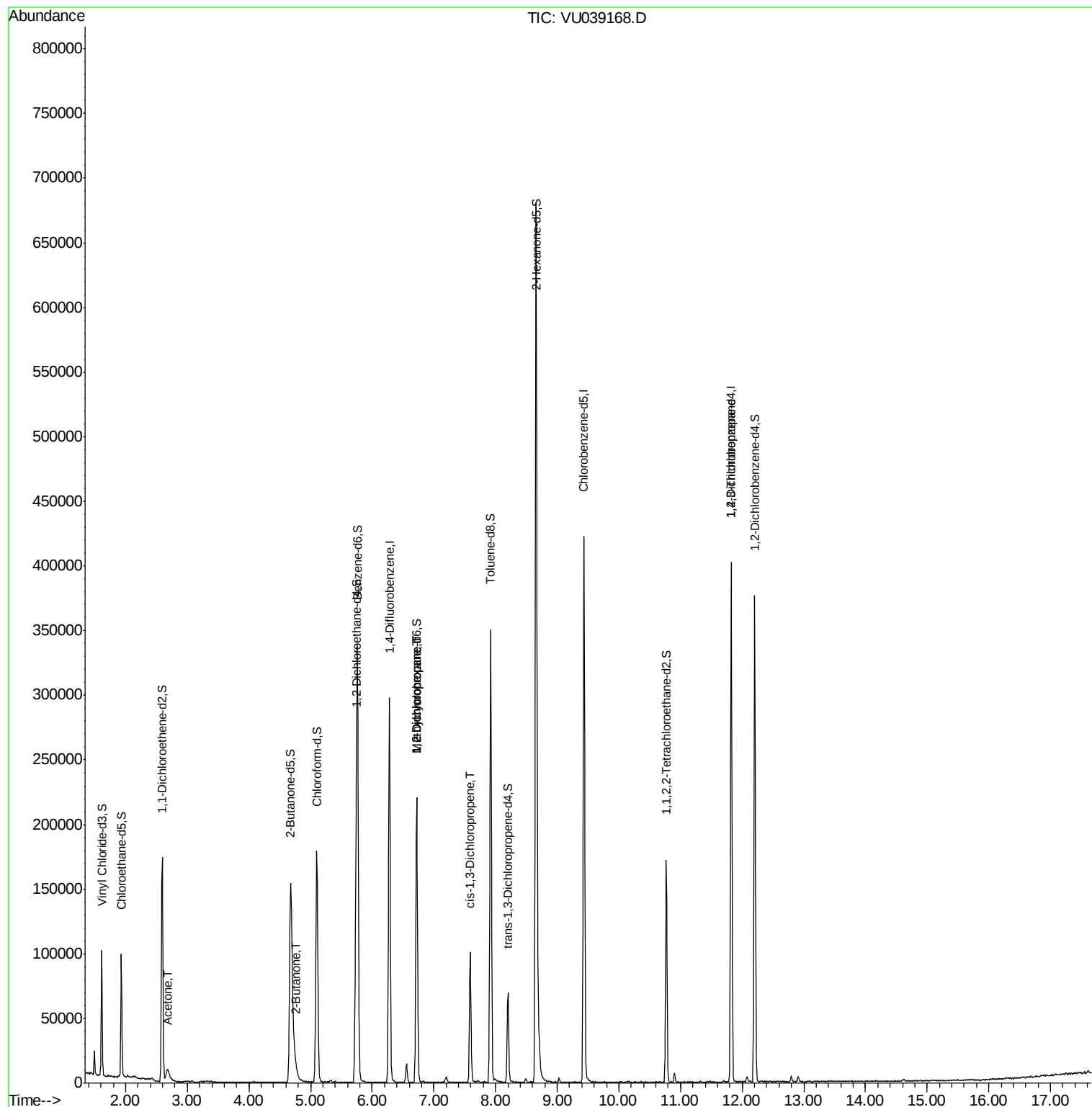
					Ovalue
13) Acetone	2.68	43	23152	5.840	ug/L 70
21) 2-Butanone	4.76	43	8309	1.379	ug/L 79
35) Methylcyclohexane	6.72	83	23568	0.915	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	11877	0.611	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2676	0.099	ug/L # 63
59) 1,2,3-Trichloropropane	11.82	75	13220	0.902	ug/L 90

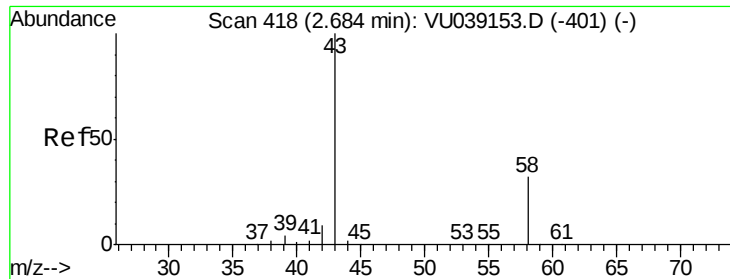
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.840 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.00 min

Lab File: VU039168.D

Acq: 26 Jun 2020 16:35

Instrument :

MSVOA_U

ClientSampleId :

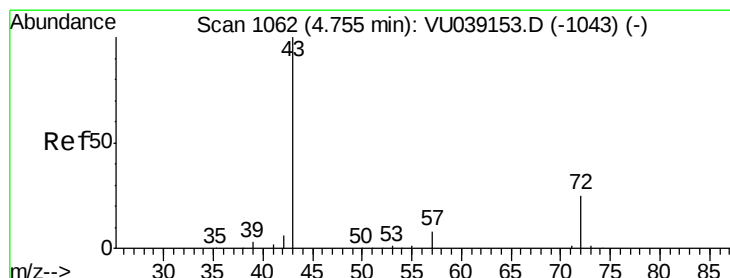
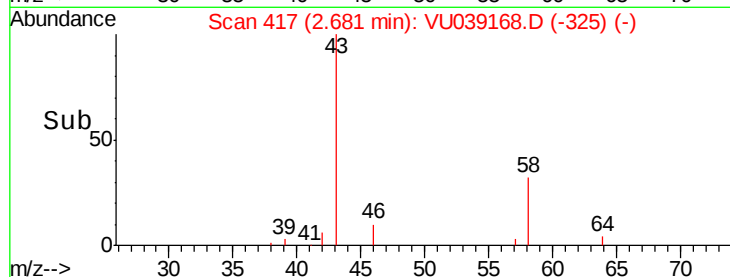
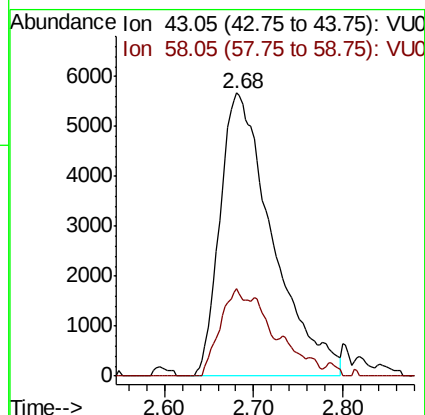
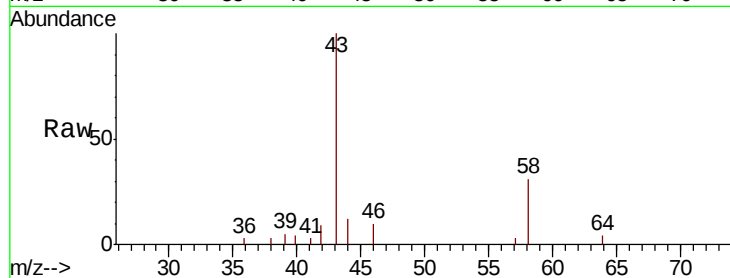
F9F49

Tot Ion: 43 Resp: 23152

Ion Ratio Lower Upper

43 100

58 15.6 0.0 64.4



#21

2-Butanone

Concen: 1.379 ug/L

RT: 4.76 min Scan# 1065

Delta R.T. 0.01 min

Lab File: VU039168.D

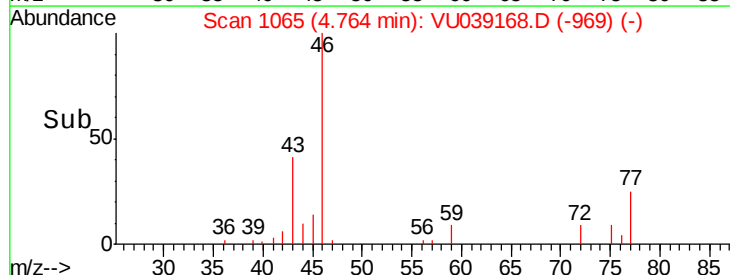
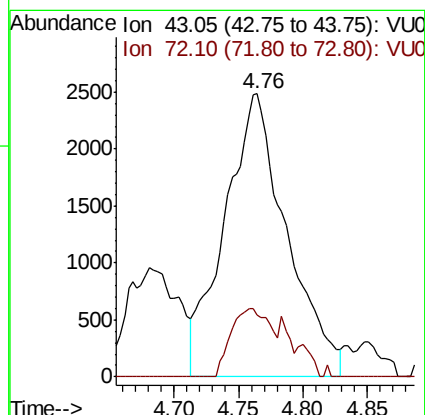
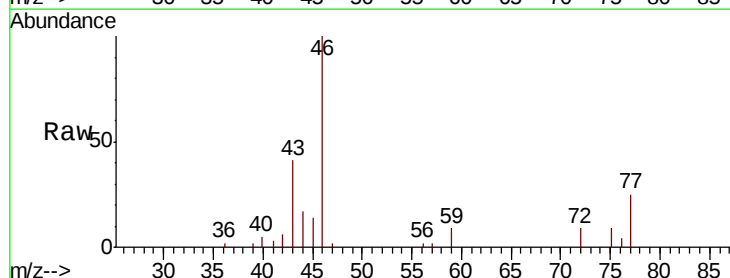
Acq: 26 Jun 2020 16:35

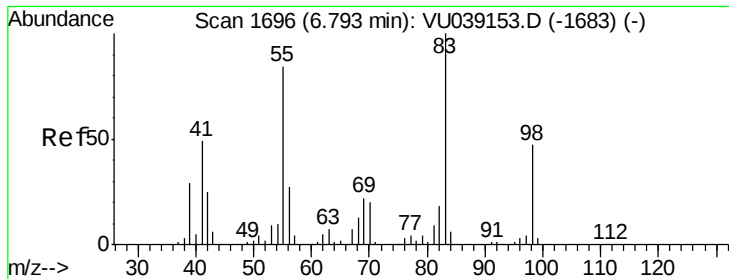
Tgt Ion: 43 Resp: 8309

Ion Ratio Lower Upper

43 100

72 15.5 13.1 39.3

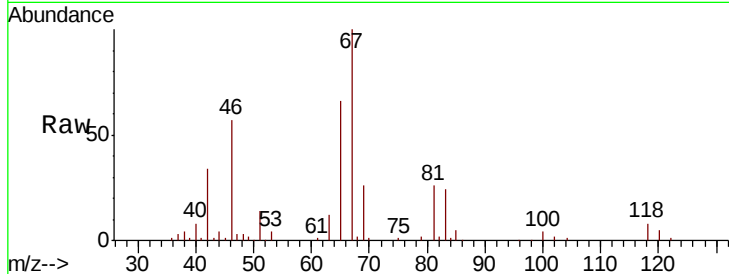




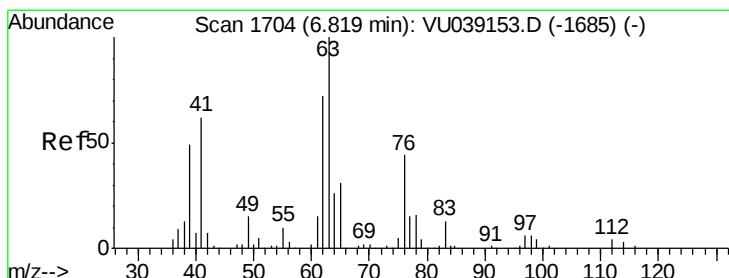
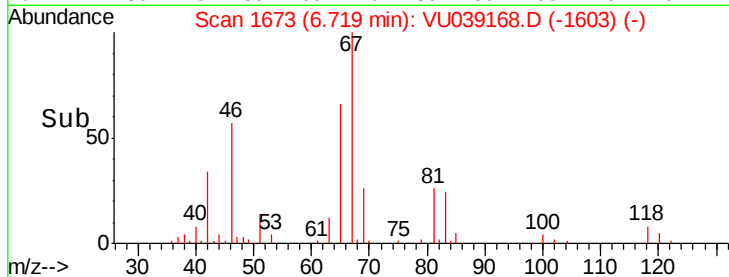
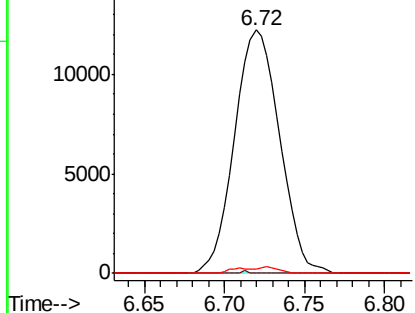
#35
Methvlcvclohexane
Concen: 0.915 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039168.D
Acq: 26 Jun 2020 16:35

Instrument :
MSVOA_U
ClientSampleId :
F9F49

Tot Ion: 83 Resp: 23568
Ion Ratio Lower Upper
83 100
55 0.1 65.5 98.3#
98 1.3 36.5 54.7#

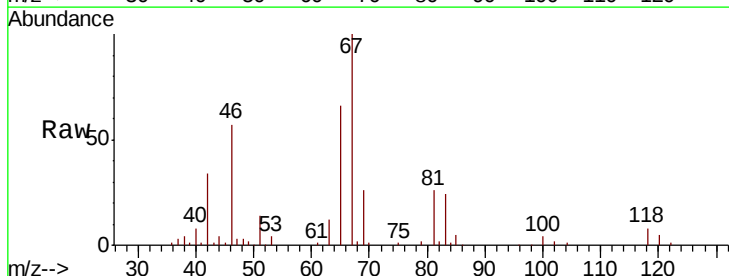


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

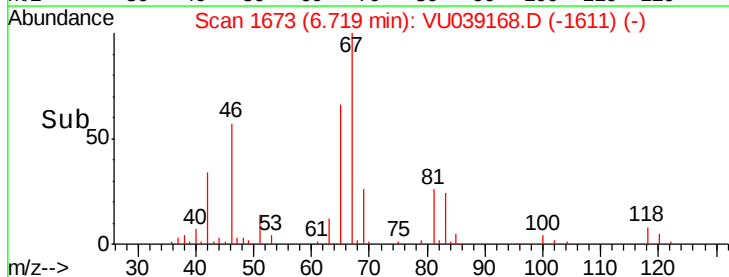
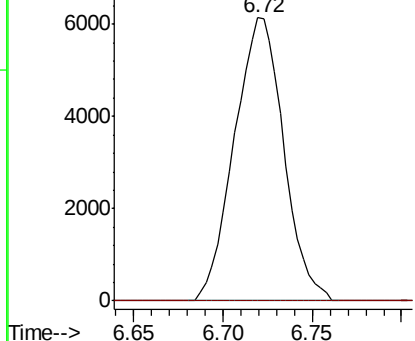


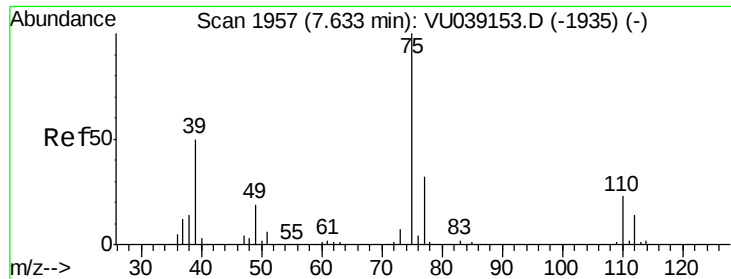
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039168.D
Acq: 26 Jun 2020 16:35

Tgt Ion: 63 Resp: 11877
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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



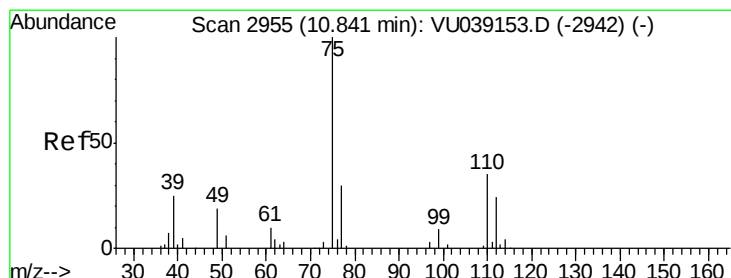
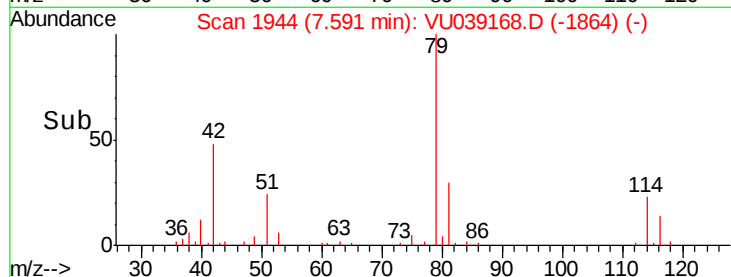
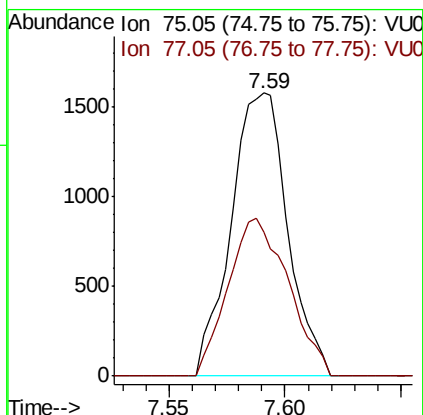
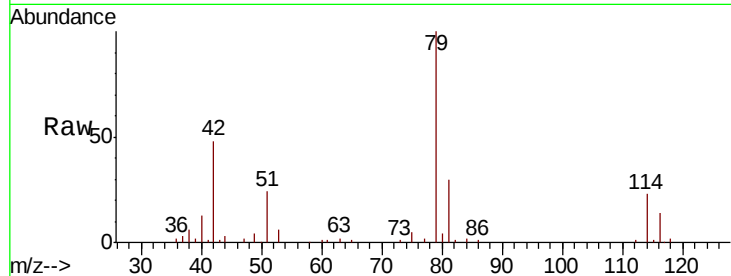


#39

cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039168.D
 Acq: 26 Jun 2020 16:35

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F49

Tot Ion: 75 Resp: 2676
 Ion Ratio Lower Upper
 75 100
 77 50.9 21.6 40.0#



#59

1,2,3-Trichloropropane
 Concen: 0.902 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU039168.D
 Acq: 26 Jun 2020 16:35

Tgt Ion: 75 Resp: 13220
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.2 39.2

