

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037019.D
 Acq On : 03 Mar 2020 13:27
 Operator : JC/MD
 Sample : VU0303WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 04 06:55:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 04 06:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	272283	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	91967	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	106485	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.14%
7) Chloroethane-d5	1.93	69	99639	52.66	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.32%
11) 1,1-Dichloroethene-d2	2.59	63	138726	36.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.46%
21) 2-Butanone-d5	4.67	46	157021	102.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	5.11	84	174388	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	5.74	65	122102	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
32) Benzene-d6	5.76	84	385161	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
36) 1,2-Dichloropropane-d6	6.73	67	127249	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.20%
41) Toluene-d8	7.92	98	342903	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%
43) trans-1,3-Dichloropropene-	8.20	79	51377	46.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.26%
47) 2-Hexanone-d5	8.66	63	106131	90.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.58%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	170241	50.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.78%
64) 1,2-Dichlorobenzene-d4	12.21	152	97004	53.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.92%

Target Compounds

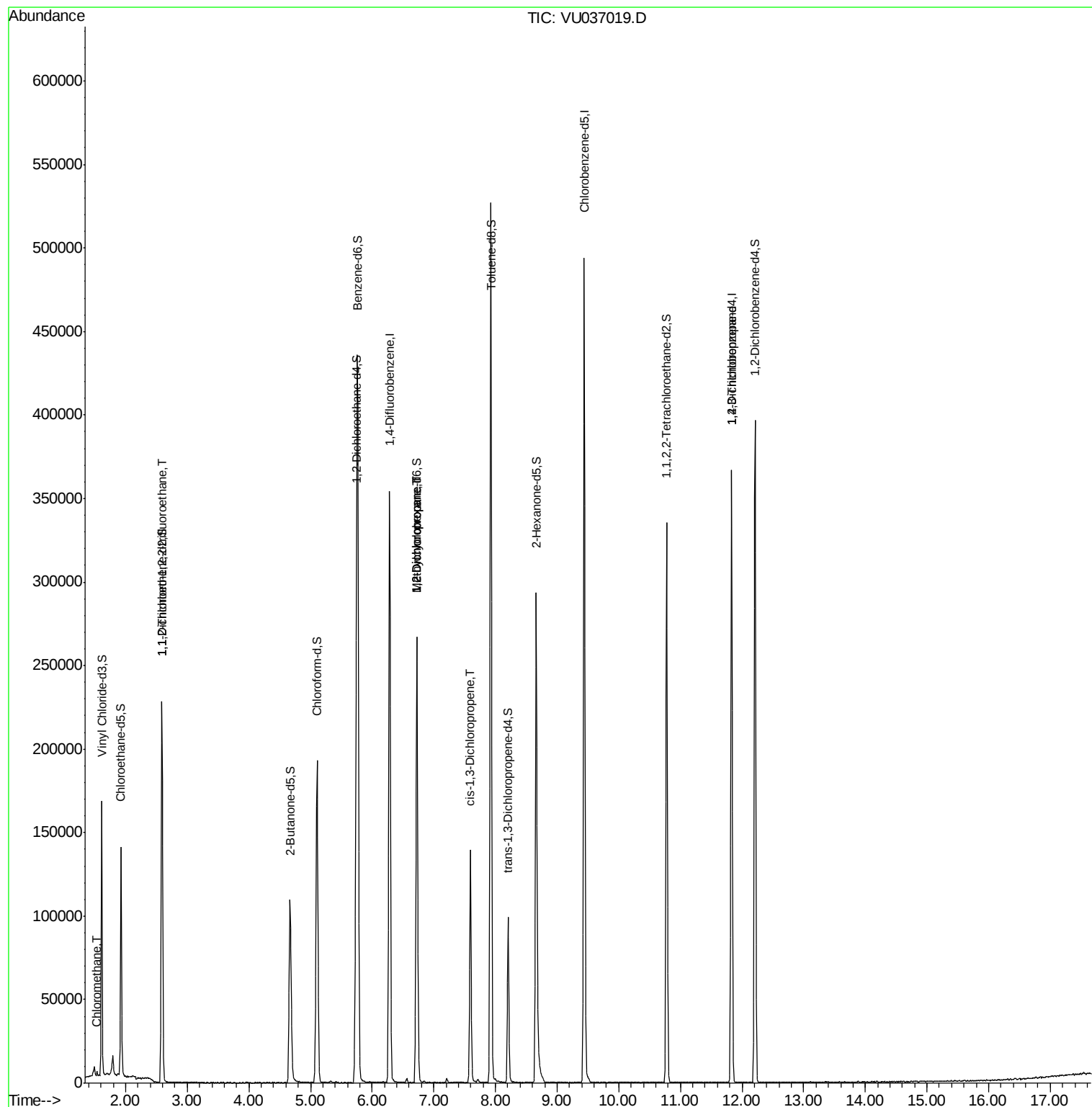
					Ovalue
3) Chloromethane	1.54	50	2456	0.924 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1249	0.718 ug/L #	23
35) Methylcyclohexane	6.72	83	27736	8.055 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13216	6.074 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3312	0.988 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	14058	5.023 ug/L	100

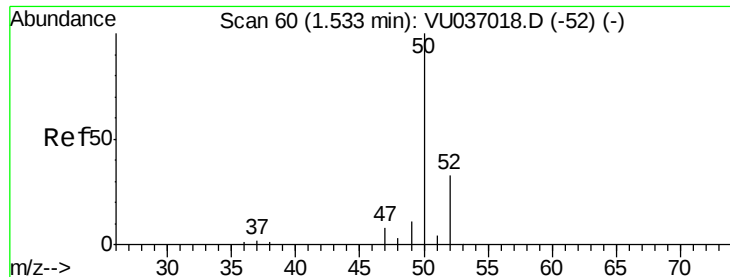
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 04 06:55:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 04 06:53:13 2020
Response via : Initial Calibration

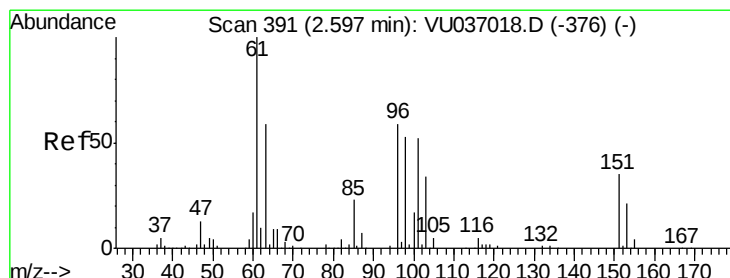
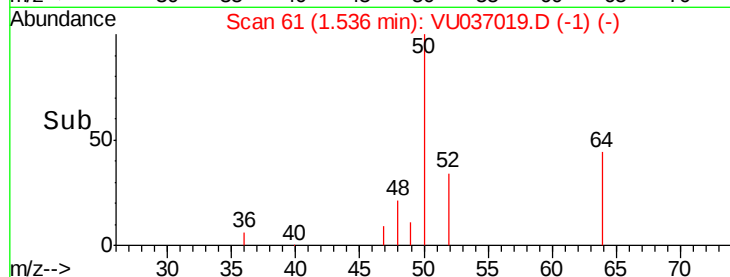
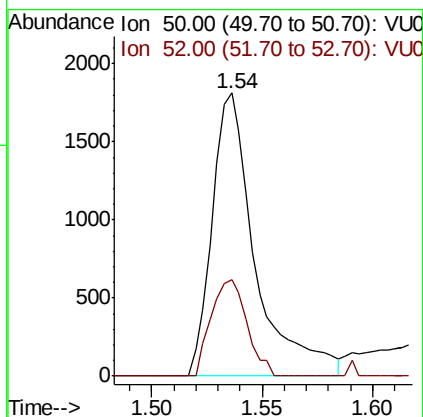
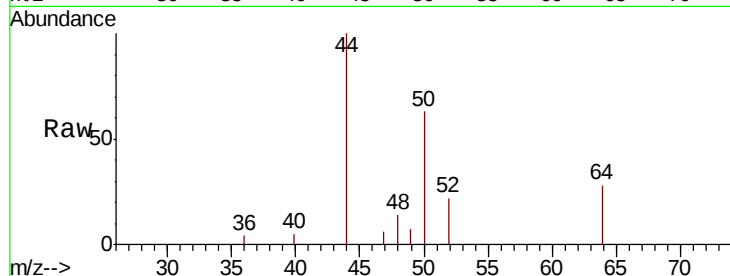




#3
Chloromethane
Concen: 0.924 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU037019.D
Acq: 03 Mar 2020 13:27

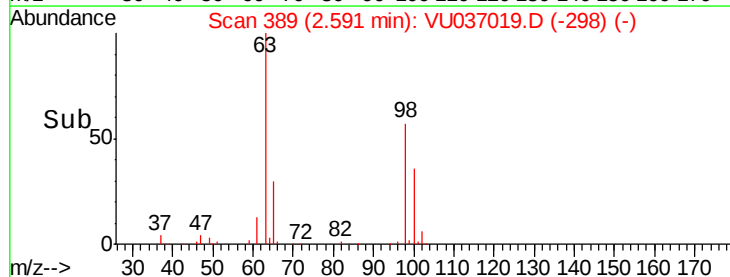
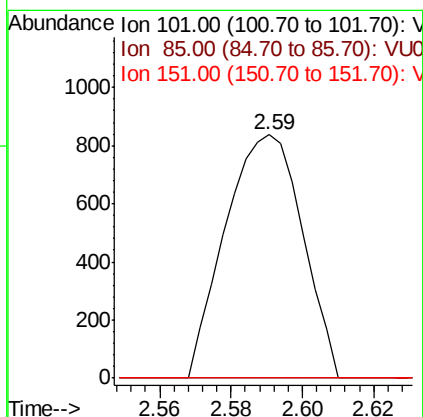
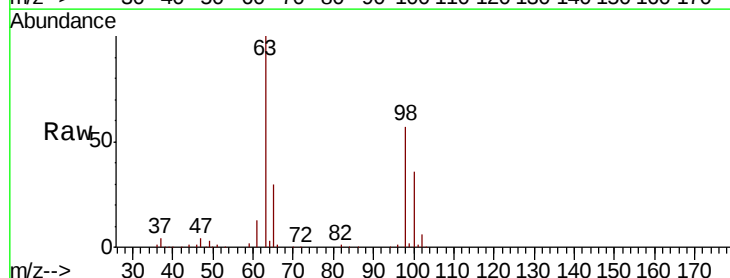
Instrument :
MSVOA_U
ClientSampled :

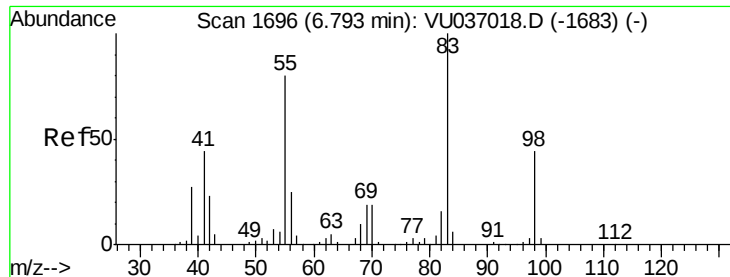
Tot Ion: 50 Resp: 2456
Ion Ratio Lower Upper
50 100
52 33.9 23.0 42.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.718 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.01 min
Lab File: VU037019.D
Acq: 03 Mar 2020 13:27

Tgt Ion: 101 Resp: 1249
Ion Ratio Lower Upper
101 100
85 0.0 36.4 54.6#
151 0.0 52.4 78.6#

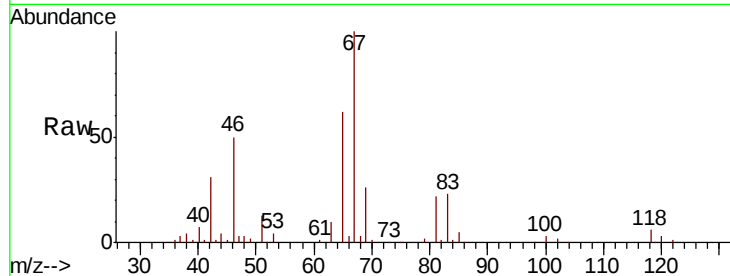




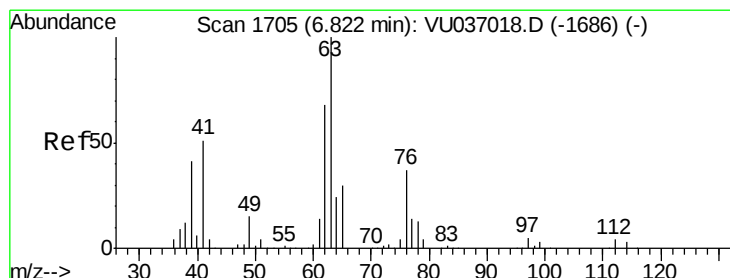
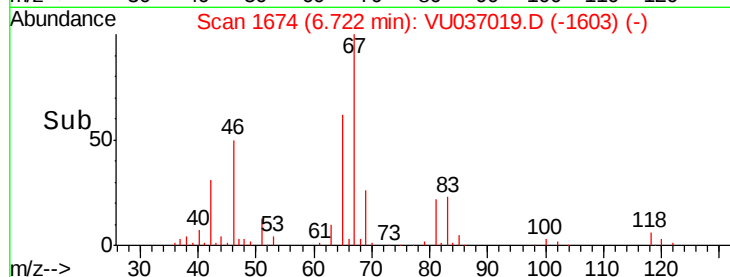
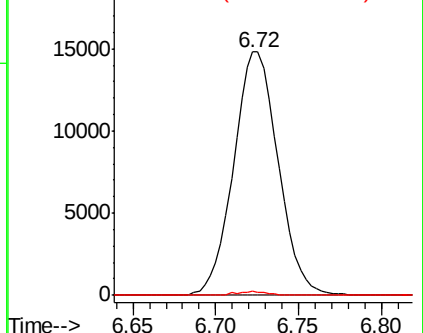
#35
Methvlcvclohexane
Concen: 8.055 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037019.D
Acq: 03 Mar 2020 13:27

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 27736
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.8 35.1 52.7#

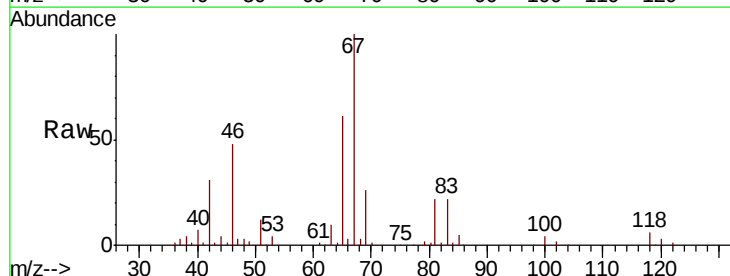


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

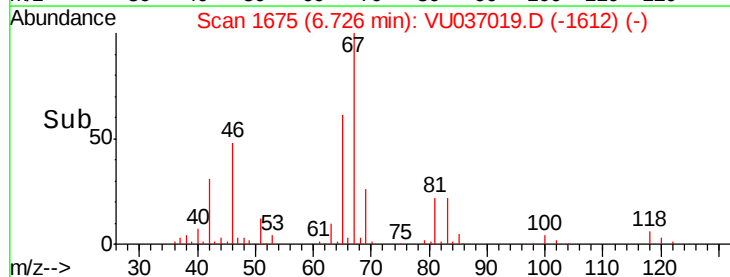
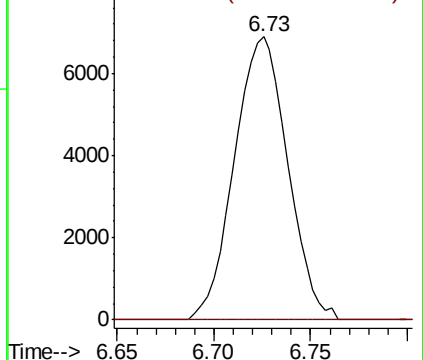


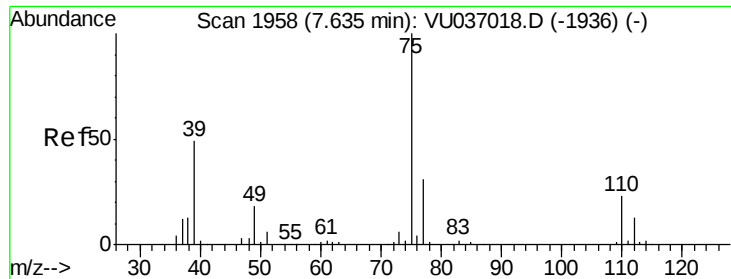
#37
1,2-Dichloropropane
Concen: 6.074 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037019.D
Acq: 03 Mar 2020 13:27

Tgt Ion: 63 Resp: 13216
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



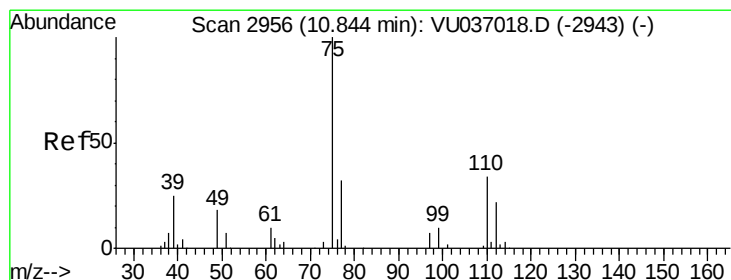
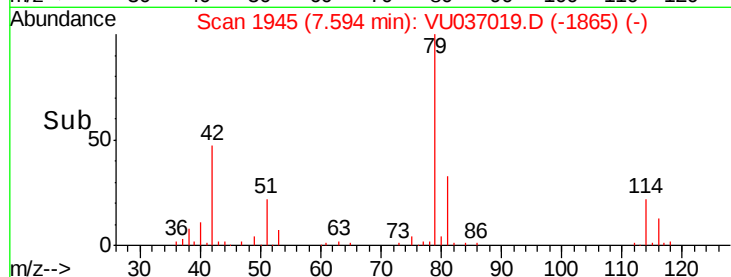
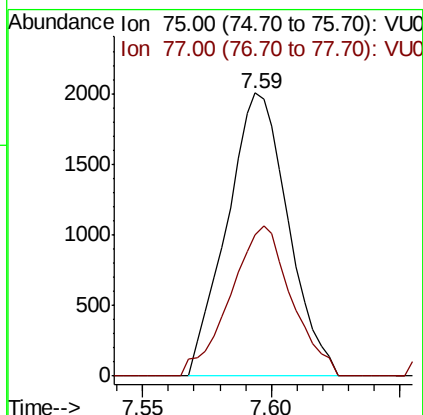
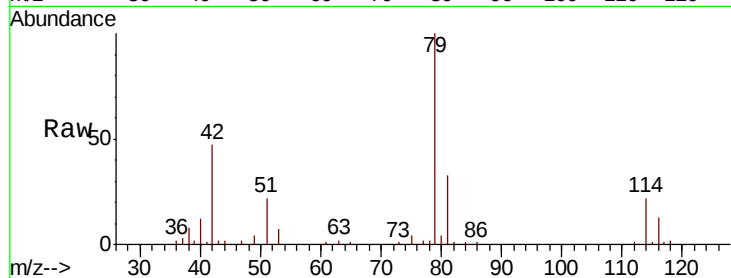


#39

cis-1,3-Dichloropropene
Concen: 0.988 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037019.D
Acq: 03 Mar 2020 13:27

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 3312
Ion Ratio Lower Upper
75 100
77 50.1 22.0 41.0#



#59

1,2,3-Trichloropropane
Concen: 5.023 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU037019.D
Acq: 03 Mar 2020 13:27

Tgt Ion: 75 Resp: 14058
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2

