

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037389.D
 Acq On : 27 Mar 2020 23:17
 Operator : JC/MD
 Sample : L1975-08 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 01:58:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:55:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249433	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	237005	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82000	51.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.50%
7) Chloroethane-d5	1.93	69	63360	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.92%
11) 1,1-Dichloroethene-d2	2.59	63	127102	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
21) 2-Butanone-d5	4.67	46	154221	107.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.24%
24) Chloroform-d	5.10	84	163484	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	5.74	65	112774	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
32) Benzene-d6	5.76	84	335975	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
36) 1,2-Dichloropropane-d6	6.72	67	109004	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.34%
41) Toluene-d8	7.92	98	323809	52.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.58%
43) trans-1,3-Dichloropropene-	8.20	79	61158	50.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.52%
47) 2-Hexanone-d5	8.65	63	119422	98.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.59%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	163262	51.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.42%
64) 1,2-Dichlorobenzene-d4	12.20	152	127629	51.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.24%

Target Compounds

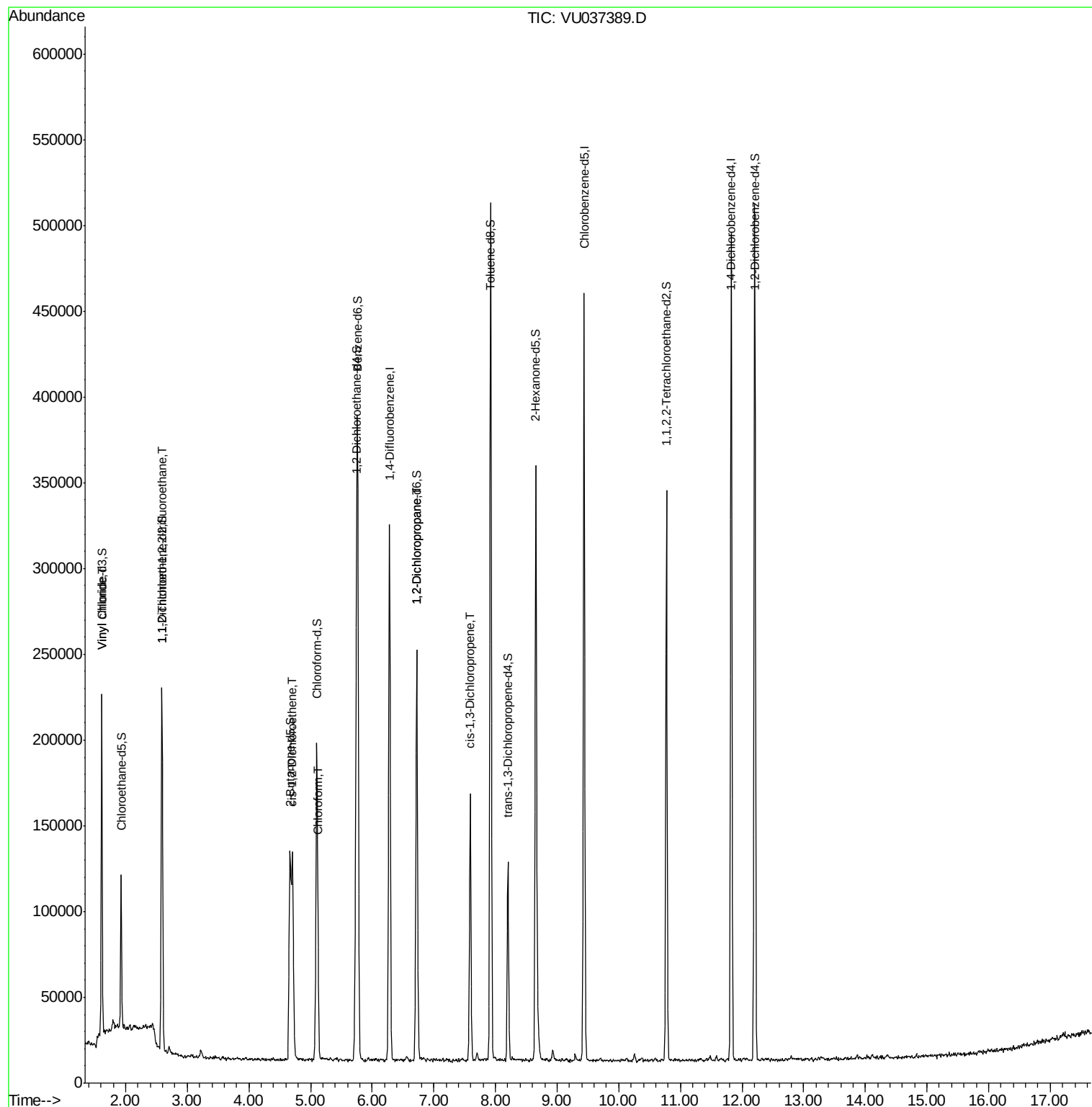
					Ovalue
5) Vinyl chloride	1.62	62	56429	25.553	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1371	0.730	ug/L # 26
20) cis-1,2-Dichloroethene	4.71	96	55571	24.749	ug/L # 99
25) Chloroform	5.13	83	3660	0.956	ug/L # 58
37) 1,2-Dichloropropane	6.72	63	12291	5.537	ug/L # 91
39) cis-1,3-Dichloropropene	7.59	75	4095	1.096	ug/L # 68

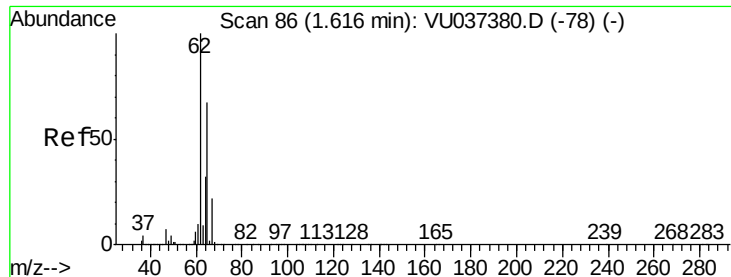
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 25.553 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037389.D

Acq: 27 Mar 2020 23:17

Instrument :

MSVOA_U

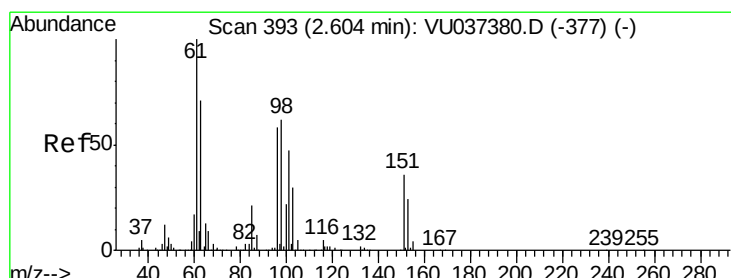
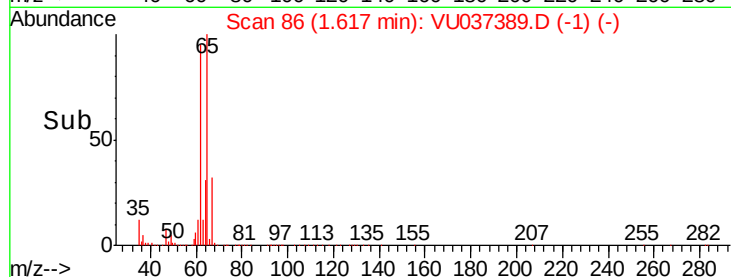
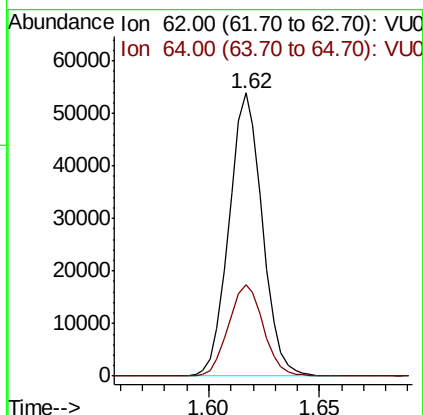
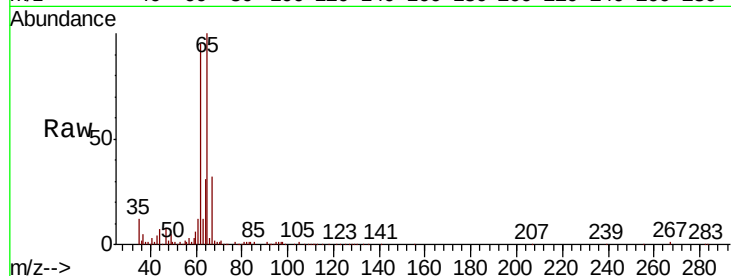
ClientSampled :

Tot Ion: 62 Resp: 56429

Ion Ratio Lower Upper

62 100

64 32.2 23.0 42.8



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.730 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU037389.D

Acq: 27 Mar 2020 23:17

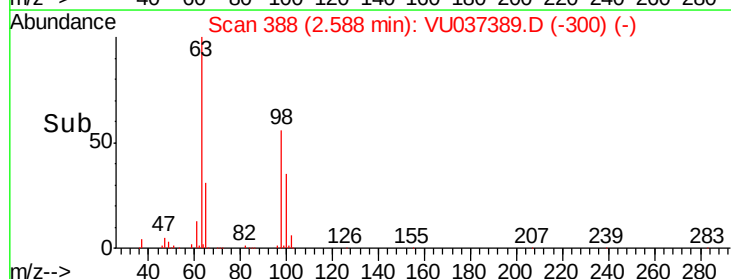
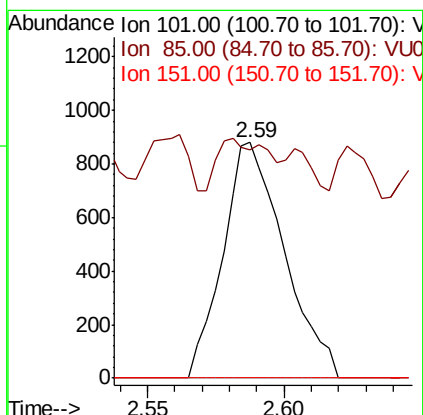
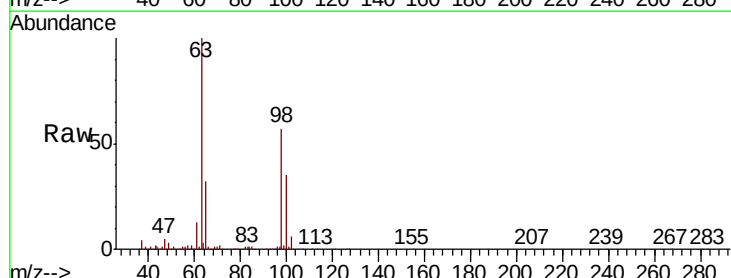
Tgt Ion: 101 Resp: 1371

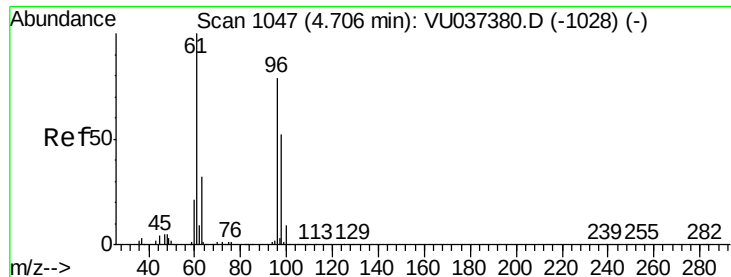
Ion Ratio Lower Upper

101 100

85 11.5 35.6 53.4#

151 0.0 60.2 90.4#

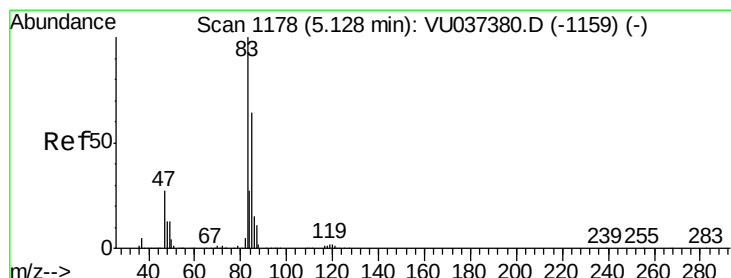
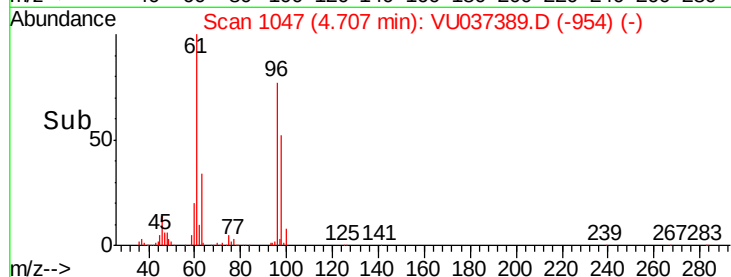
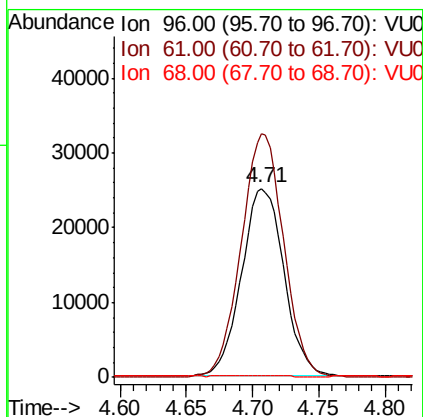
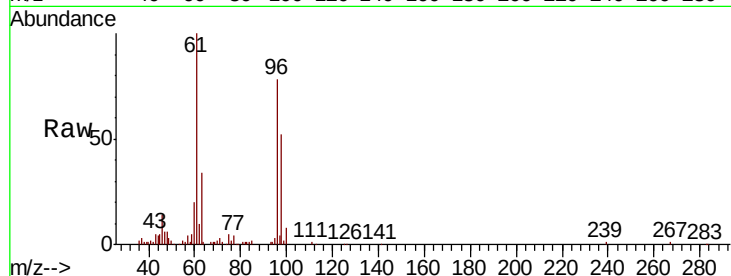




#20
 cis-1,2-Dichloroethene
 Concen: 24.749 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037389.D
 Acq: 27 Mar 2020 23:17

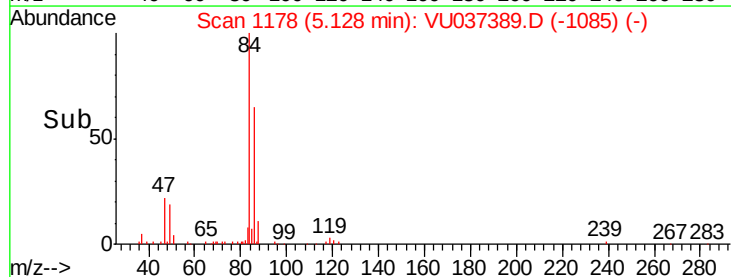
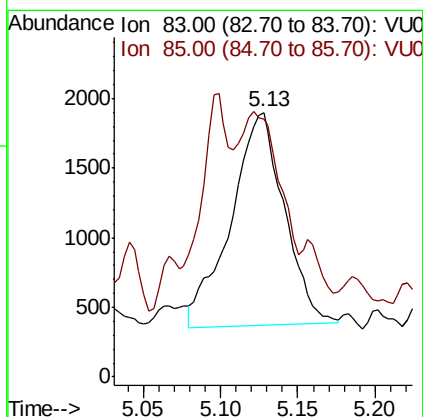
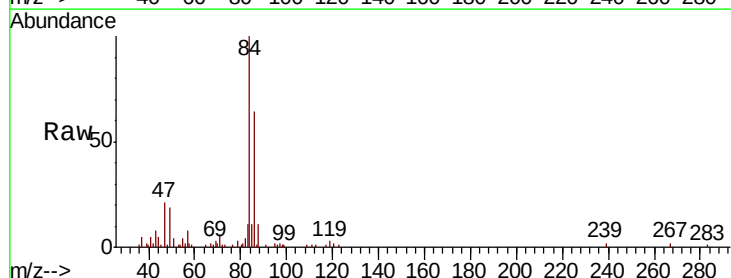
Instrument :
 MSVOA_U
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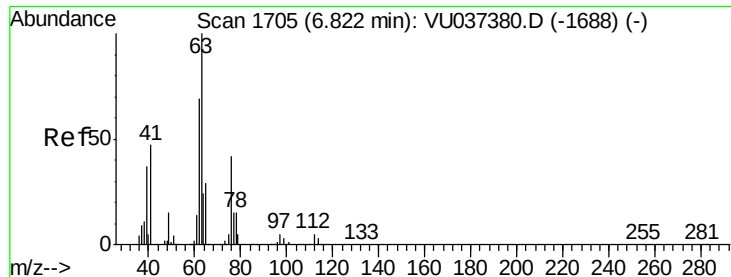
Tot Ion: 96 Resp: 55571
 Ion Ratio Lower Upper
 96 100
 61 128.9 89.4 166.0
 68 0.7 0.3 0.7#



#25
 Chloroform
 Concen: 0.956 ug/L
 RT: 5.13 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VU037389.D
 Acq: 27 Mar 2020 23:17

Tgt Ion: 83 Resp: 3660
 Ion Ratio Lower Upper
 83 100
 85 97.6 45.1 83.7#

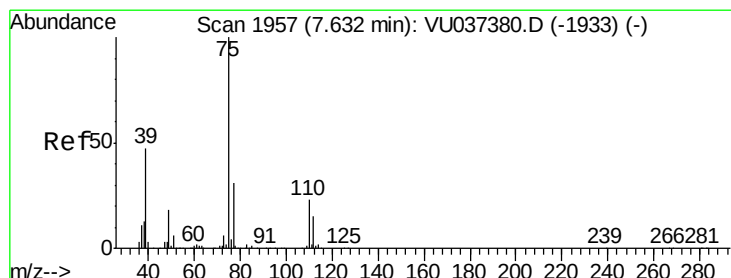
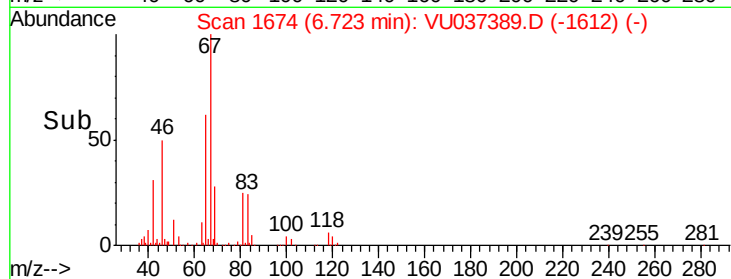
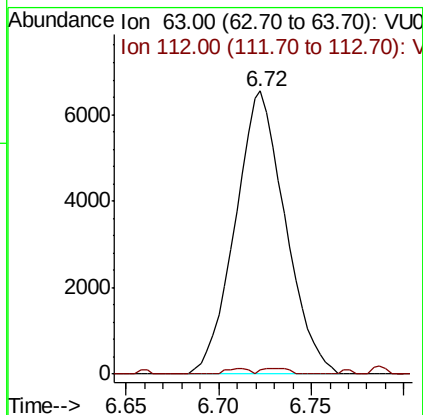
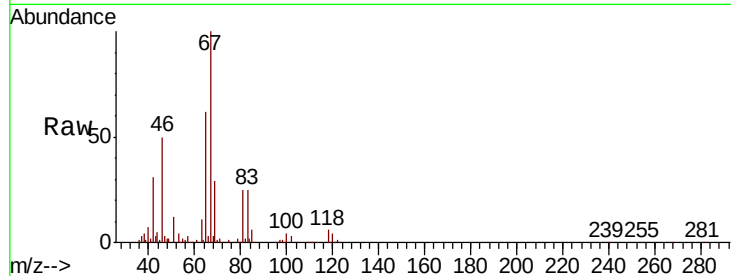




#37
 1,2-Dichloropropane
 Concen: 5.537 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037389.D
 Acq: 27 Mar 2020 23:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 12291
 Ion Ratio Lower Upper
 63 100
 112 1.2 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 1.096 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037389.D
 Acq: 27 Mar 2020 23:17

Tgt Ion: 75 Resp: 4095
 Ion Ratio Lower Upper
 75 100
 77 50.3 22.5 41.9#

