

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037201.D
 Acq On : 12 Mar 2020 20:01
 Operator : JC/MD
 Sample : L1901-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 07:35:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 07:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	397190	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	384416	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163875	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137833	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.68%
7) Chloroethane-d5	1.93	69	117049	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.46%
11) 1,1-Dichloroethene-d2	2.59	63	200860	35.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.22%
21) 2-Butanone-d5	4.67	46	253020	104.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.01%
24) Chloroform-d	5.10	84	278165	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	5.74	65	210233	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
32) Benzene-d6	5.76	84	504440	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
36) 1,2-Dichloropropane-d6	6.72	67	170973	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.92	98	470080	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	8.20	79	85852	45.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.06%
47) 2-Hexanone-d5	8.66	63	172812	96.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	250311	46.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	174346	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

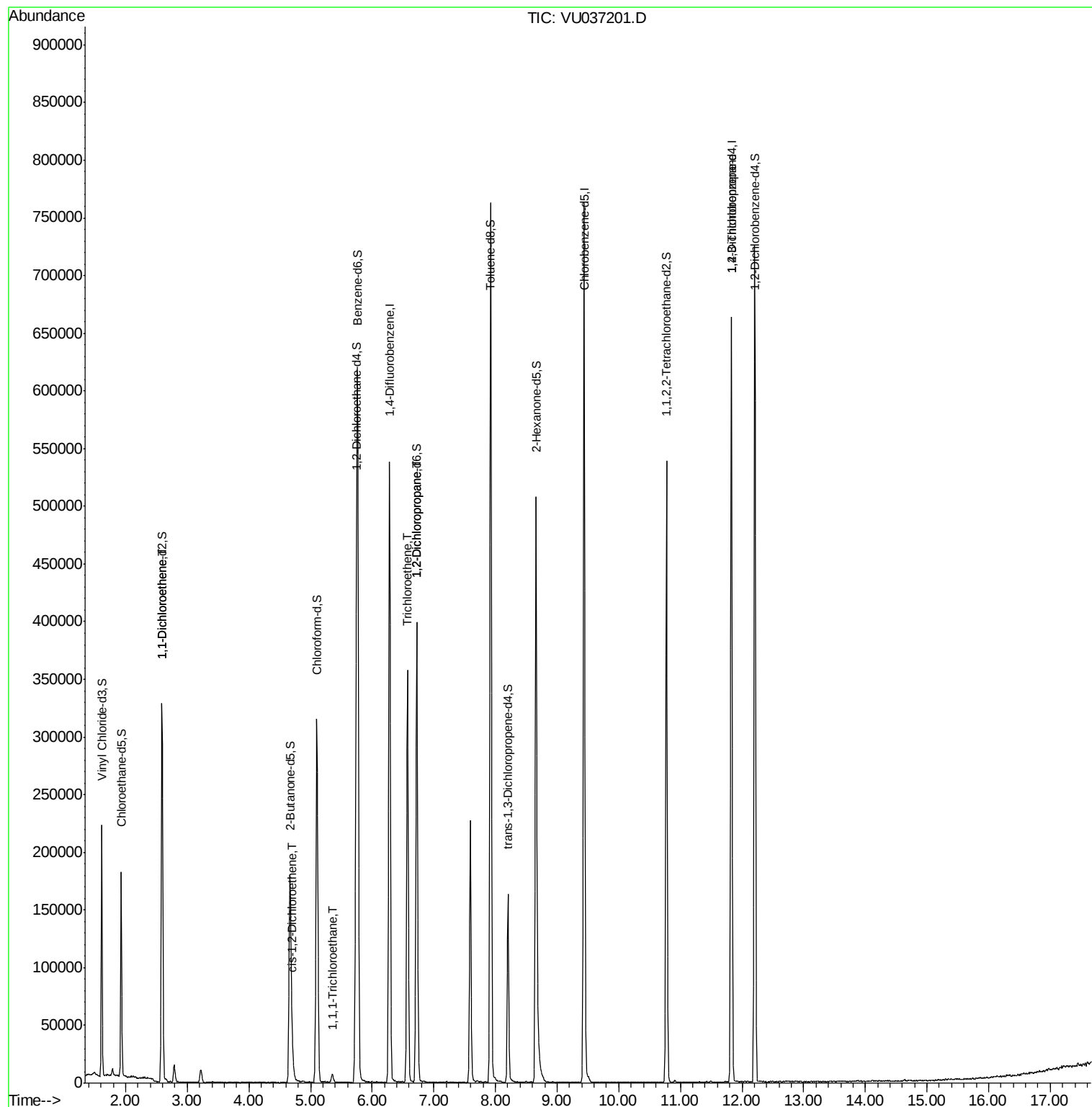
					Ovalue
12) 1,1-Dichloroethene	2.60	96	8007	3.416 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	7567	2.547 ug/L	85
30) 1,1,1-Trichloroethane	5.36	97	5677	1.113 ug/L	95
34) Trichloroethene	6.57	95	116072	39.422 ug/L	99
37) 1,2-Dichloropropane	6.72	63	21811	6.772 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	22146	4.946 ug/L #	85

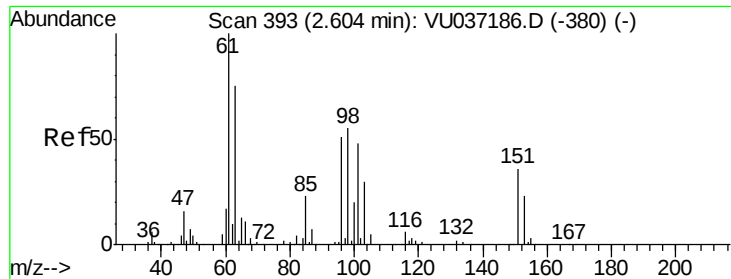
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 07:30:58 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.416 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037201.D

Acq: 12 Mar 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :

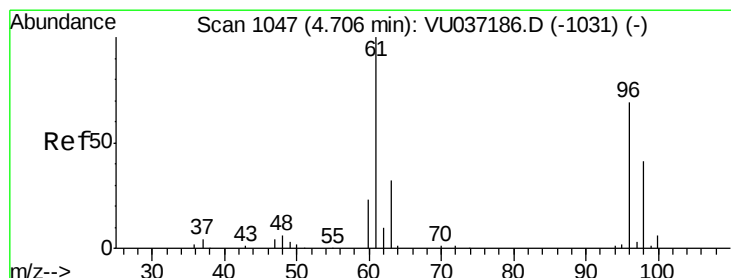
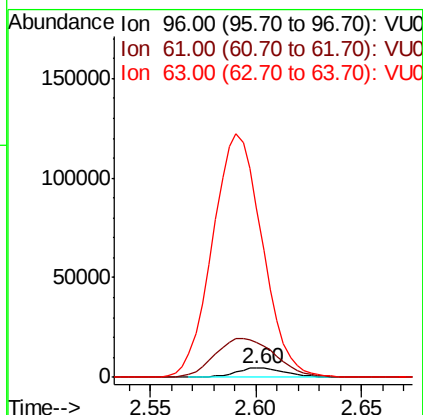
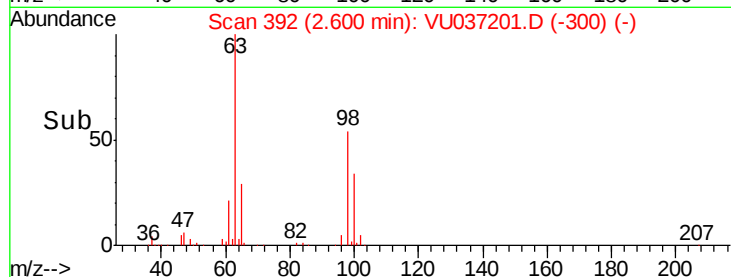
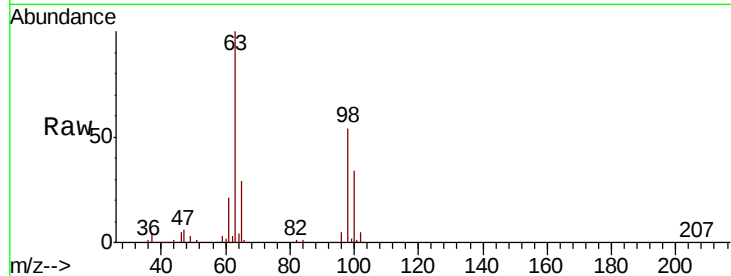
Tot Ion: 96 Resp: 8007

Ion Ratio Lower Upper

96 100

61 384.5 138.8 257.8#

63 1861.3 106.4 197.6#



#20

cis-1,2-Dichloroethene

Concen: 2.547 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037201.D

Acq: 12 Mar 2020 20:01

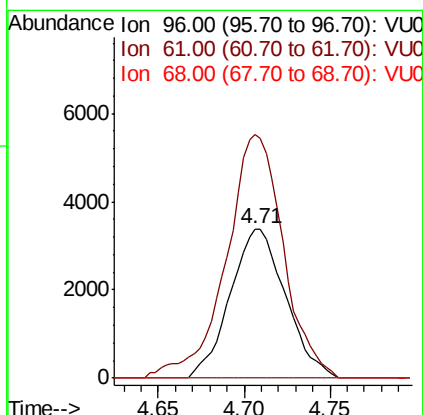
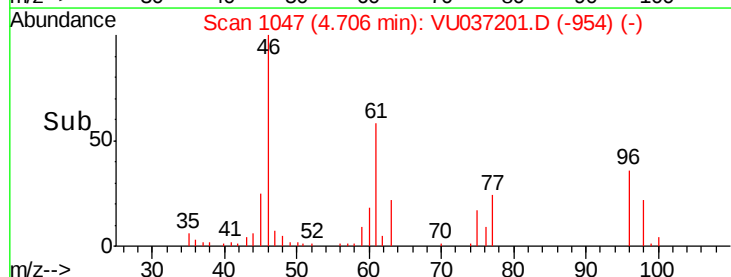
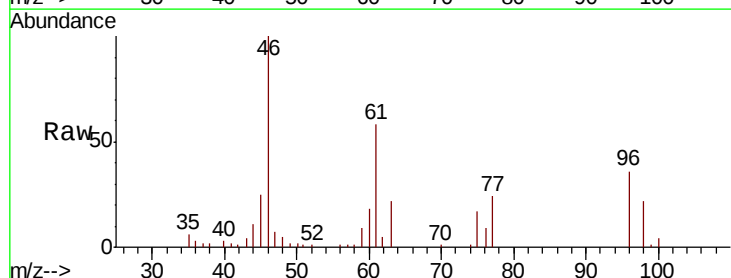
Tgt Ion: 96 Resp: 7567

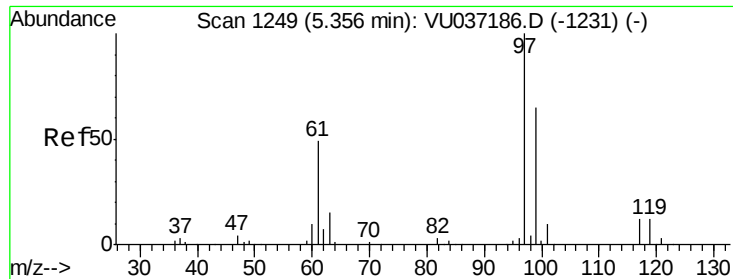
Ion Ratio Lower Upper

96 100

61 163.3 101.2 187.8

68 0.0 0.0 0.0

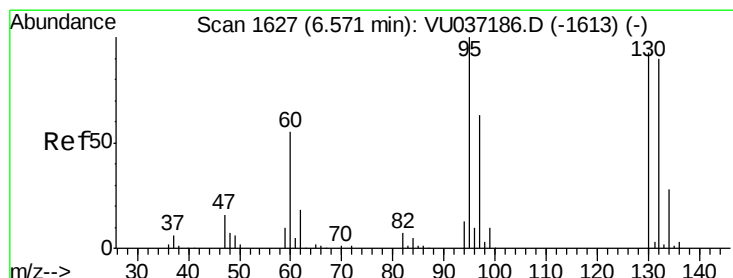
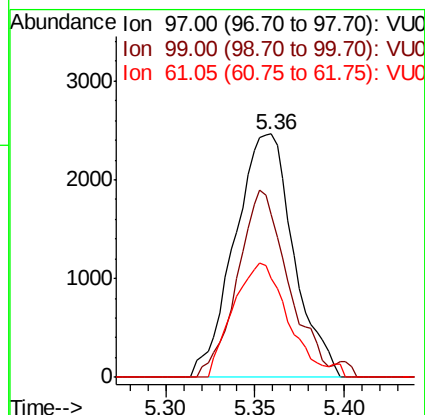
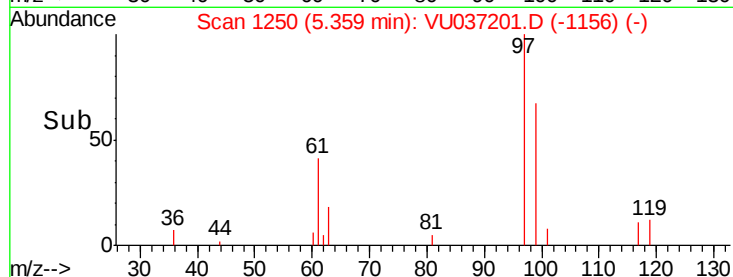
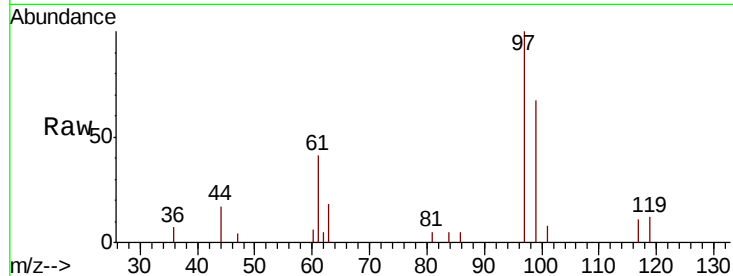




#30
1,1,1-Trichloroethane
Concen: 1.113 ug/L
RT: 5.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU037201.D
Acq: 12 Mar 2020 20:01

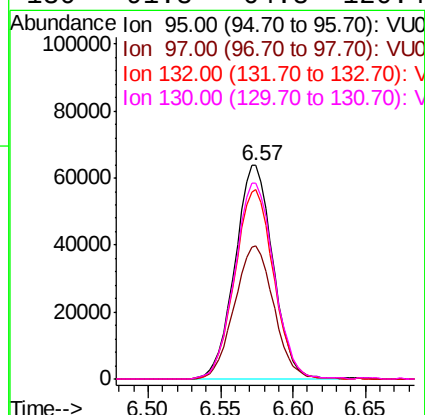
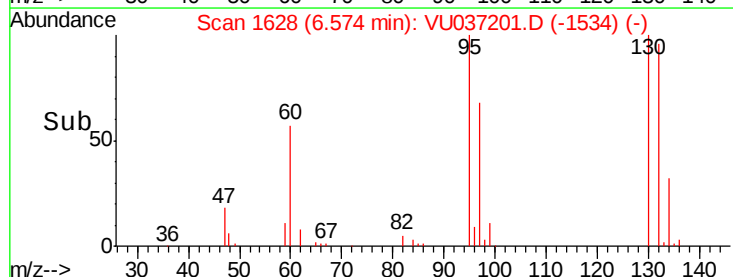
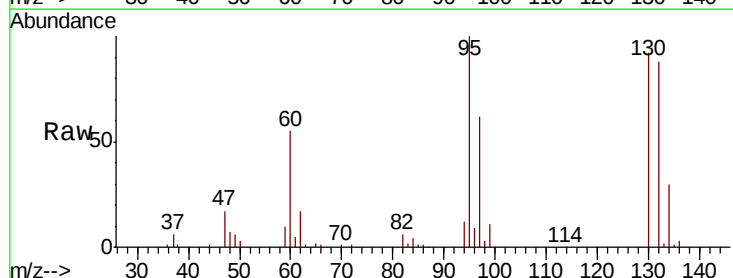
Instrument :
MSVOA_U
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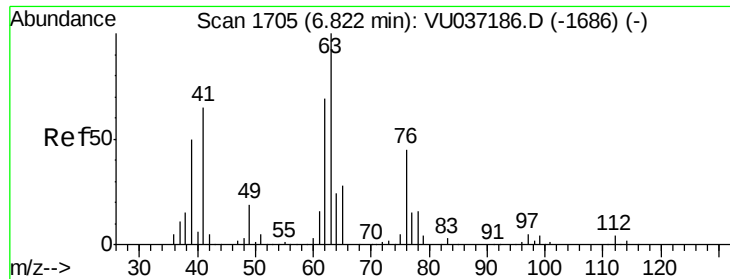
Tot Ion: 97 Resp: 5677
Ion Ratio Lower Upper
97 100
99 66.1 51.4 77.0
61 43.5 39.0 58.4



#34
Trichloroethene
Concen: 39.422 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU037201.D
Acq: 12 Mar 2020 20:01

Tgt Ion: 95 Resp: 116072
Ion Ratio Lower Upper
95 100
97 62.5 43.8 81.4
132 88.4 62.6 116.3
130 91.8 64.8 120.4

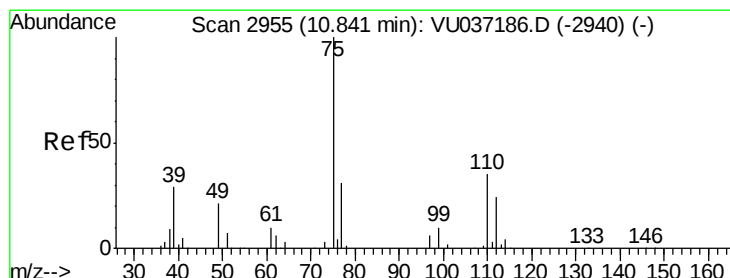
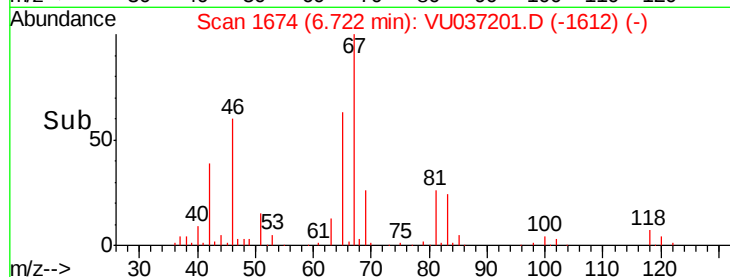
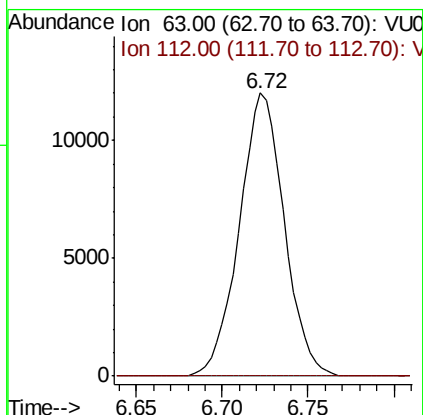
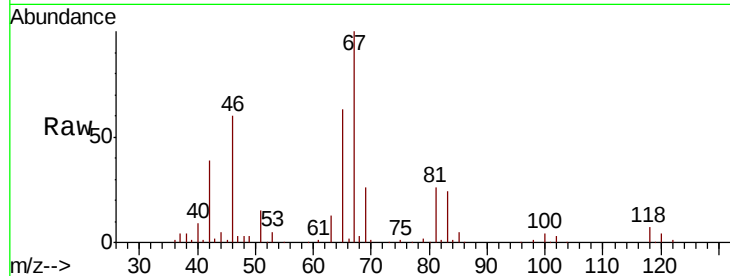




#37
 1,2-Dichloropropane
 Concen: 6.772 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037201.D
 Acq: 12 Mar 2020 20:01

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 63 Resp: 21811
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.946 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037201.D
 Acq: 12 Mar 2020 20:01

Tgt Ion: 75 Resp: 22146
 Ion Ratio Lower Upper
 75 100
 77 39.7 25.0 37.6#

