

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037459.D
 Acq On : 30 Mar 2020 13:29
 Operator : JC/MD
 Sample : L2001-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:19:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 01:16:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	99333	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	92649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	44062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32786	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.93	69	28099	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.59	63	49508	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.67	46	105810	52.94	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	5.11	84	62534	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.74	65	39130	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	131713	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.72	67	44087	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.93	98	120148	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.20	79	18430	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.66	63	87095	52.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36178	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	44046	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

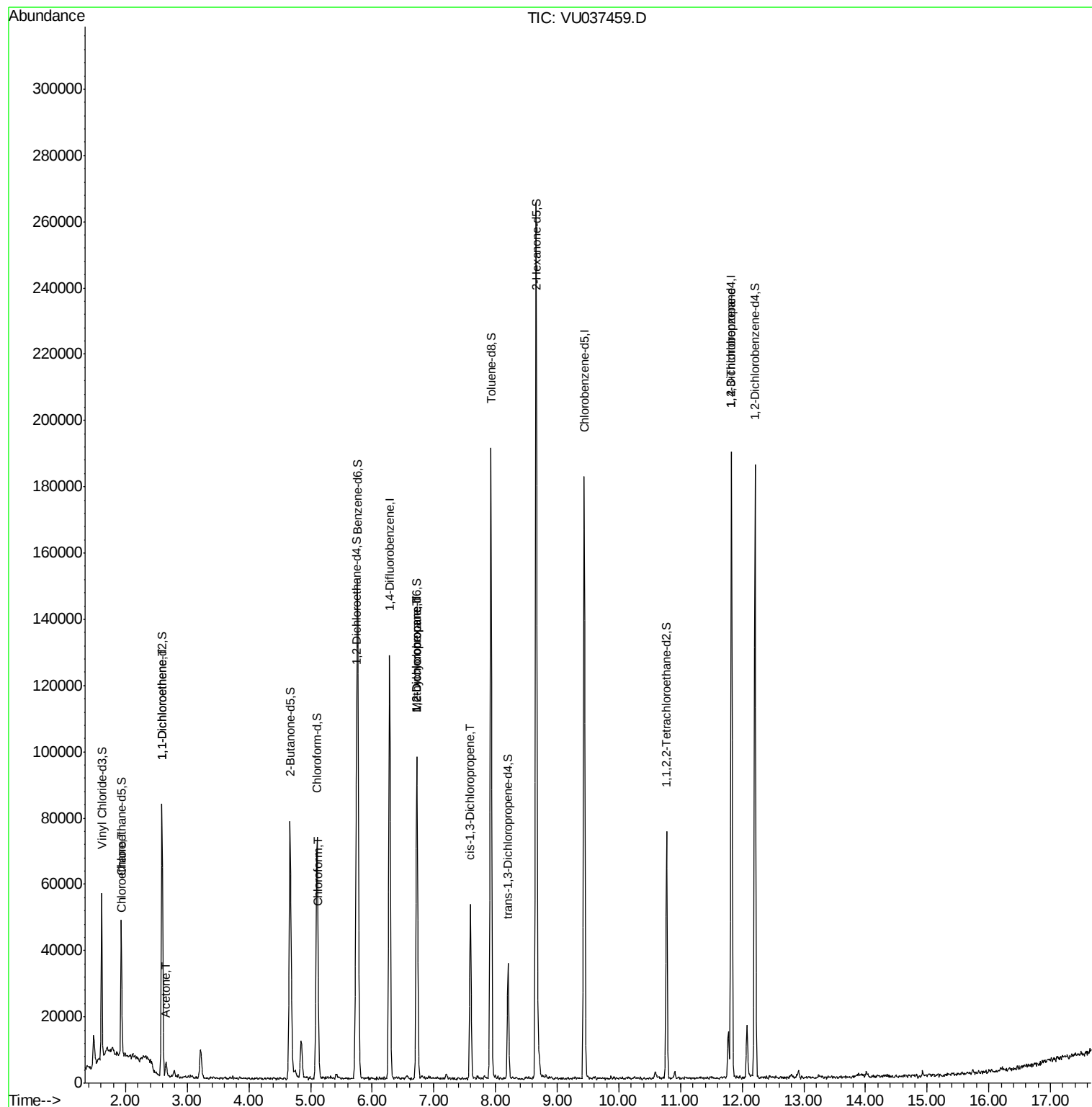
					Ovalue
8) Chloroethane	1.95	64	320	0.074 ug/L #	39
12) 1,1-Dichloroethene	2.59	96	547	0.084 ug/L #	1
13) Acetone	2.66	43	4933	4.296 ug/L	96
25) Chloroform	5.13	83	4193	0.312 ug/L	83
35) Methylcyclohexane	6.72	83	10018	0.810 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	4617	0.651 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1562	0.135 ug/L #	45
59) 1,2,3-Trichloropropane	11.83	75	6493	1.316 ug/L	95

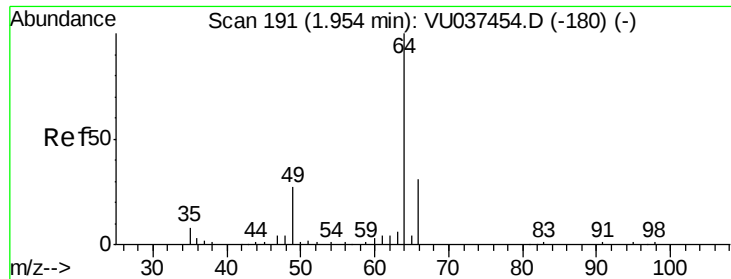
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 31 01:16:50 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.074 ug/L

RT: 1.95 min Scan# 189

Delta R.T. -0.01 min

Lab File: VU037459.D

Acq: 30 Mar 2020 13:29

Instrument :

MSVOA_U

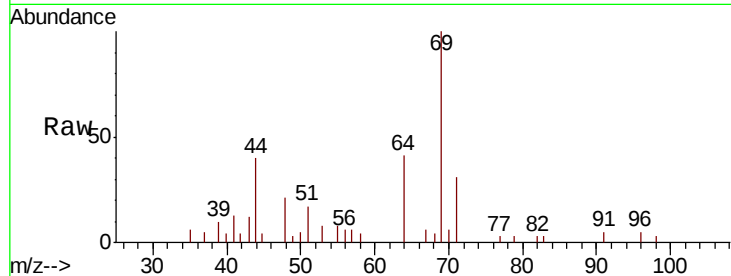
ClientSampleId :

Tot Ion: 64 Resp: 320

Ion Ratio Lower Upper

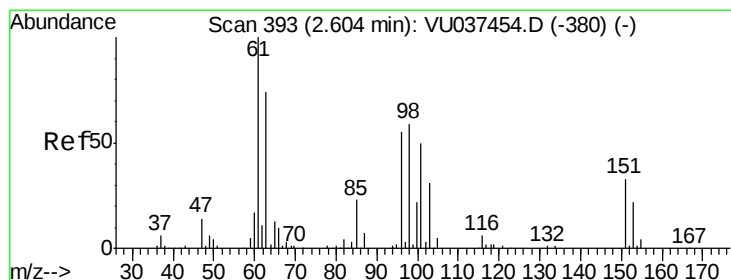
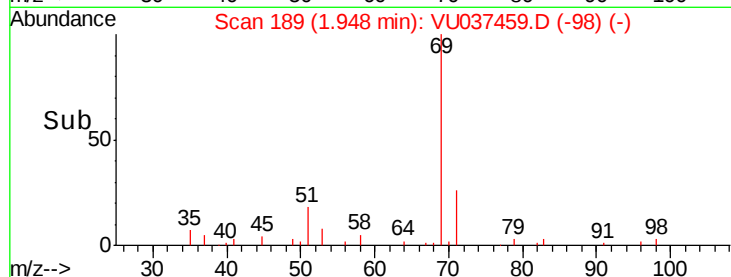
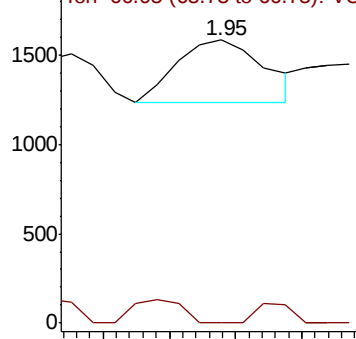
64 100

66 0.0 24.8 46.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037459.D

Acq: 30 Mar 2020 13:29

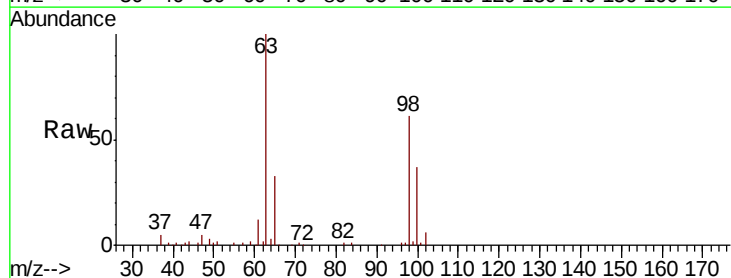
Tgt Ion: 96 Resp: 547

Ion Ratio Lower Upper

96 100

61 1123.1 125.4 232.8#

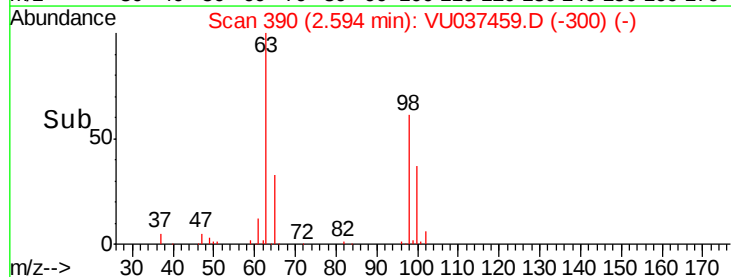
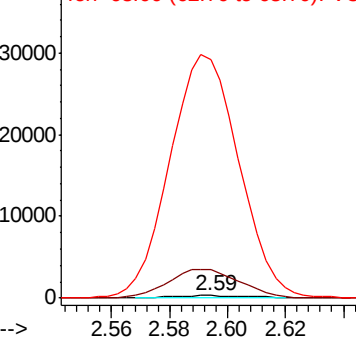
63 9524.4 90.9 168.7#

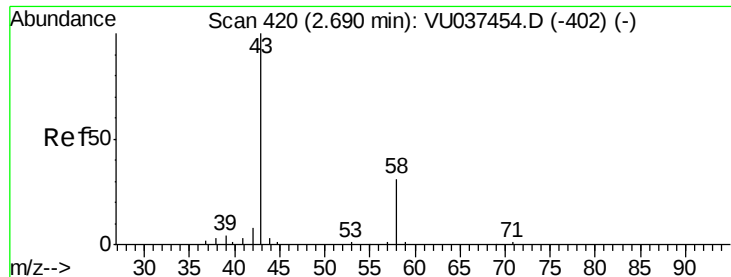


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

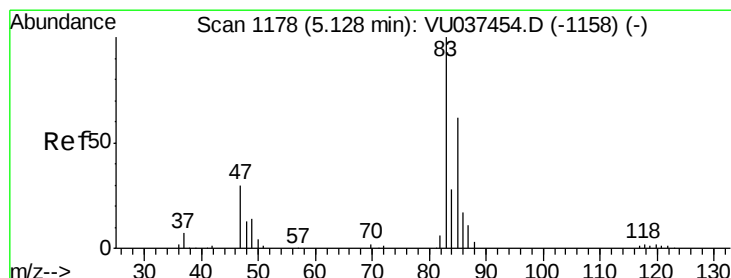
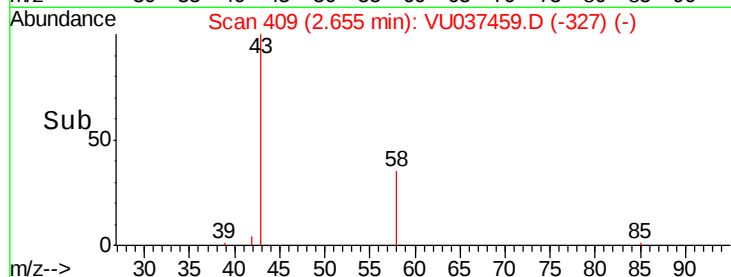
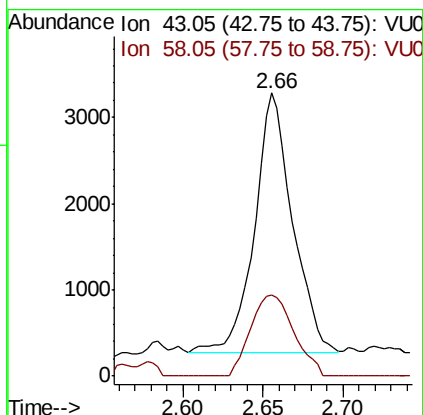
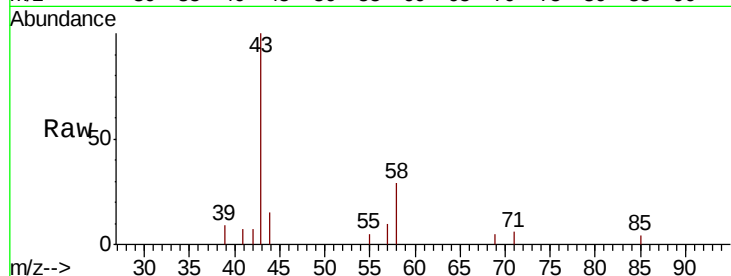




#13
Acetone
Concen: 4.296 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.04 min
Lab File: VU037459.D
Acq: 30 Mar 2020 13:29

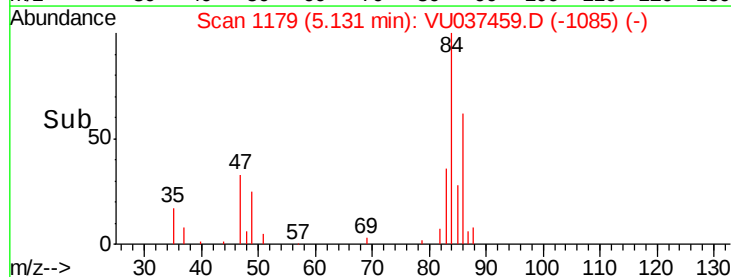
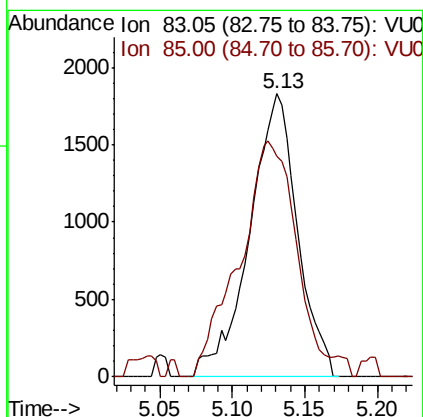
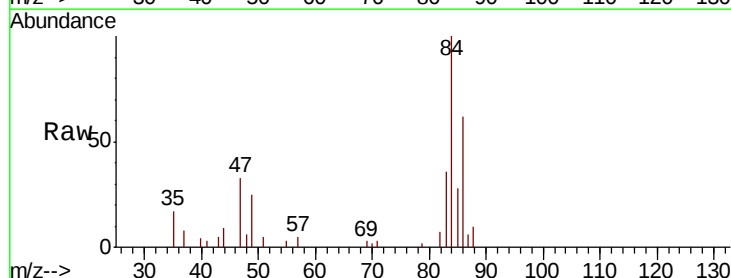
Instrument :
MSVOA_U
ClientSampled :

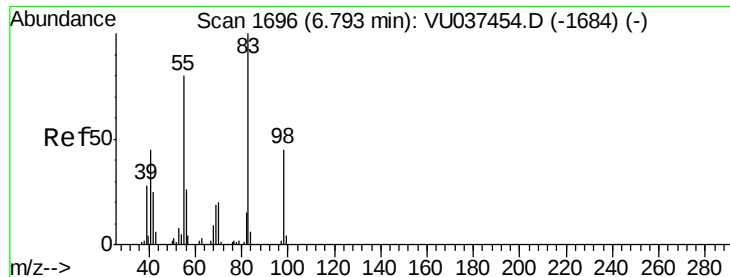
Tot Ion: 43 Resp: 4933
Ion Ratio Lower Upper
43 100
58 35.4 0.0 66.0



#25
Chloroform
Concen: 0.312 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037459.D
Acq: 30 Mar 2020 13:29

Tgt Ion: 83 Resp: 4193
Ion Ratio Lower Upper
83 100
85 78.0 45.4 84.4

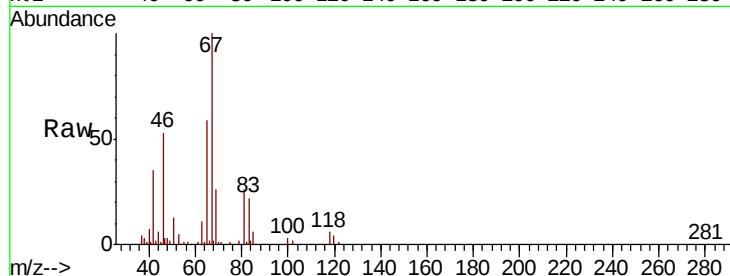




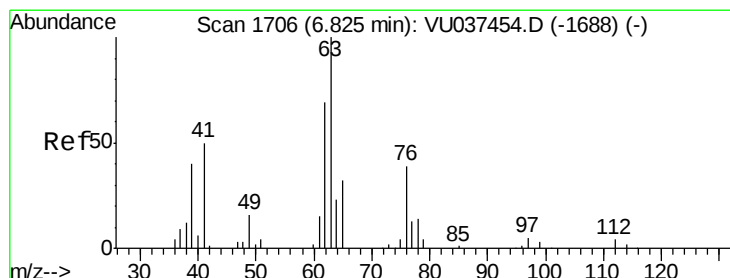
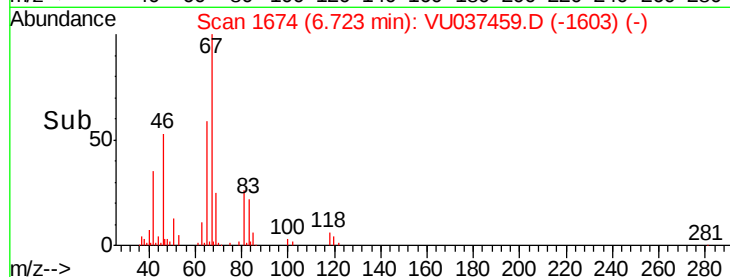
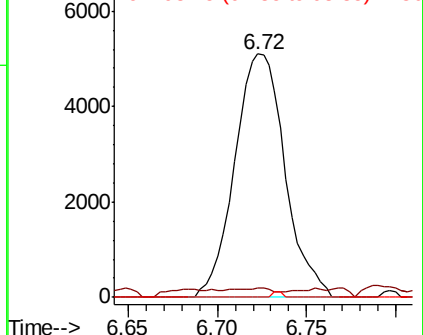
#35
Methvlcvclohexane
Concen: 0.810 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037459.D
Acq: 30 Mar 2020 13:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10018
Ion Ratio Lower Upper
83 100
55 1.0 64.2 96.4#
98 0.4 36.3 54.5#

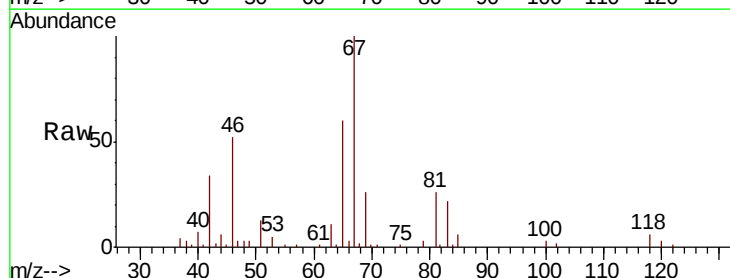


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

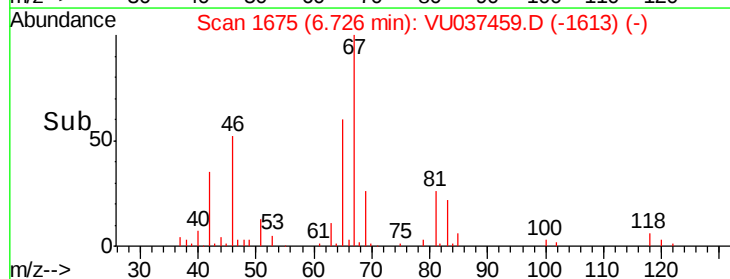
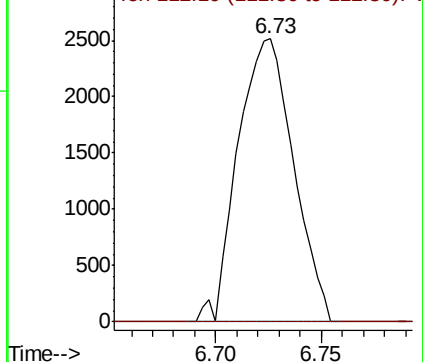


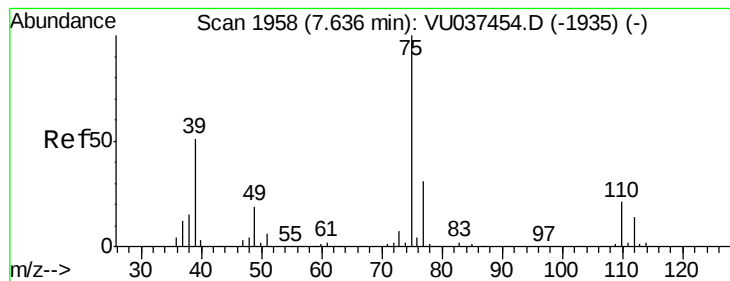
#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037459.D
Acq: 30 Mar 2020 13:29

Tgt Ion: 63 Resp: 4617
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



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



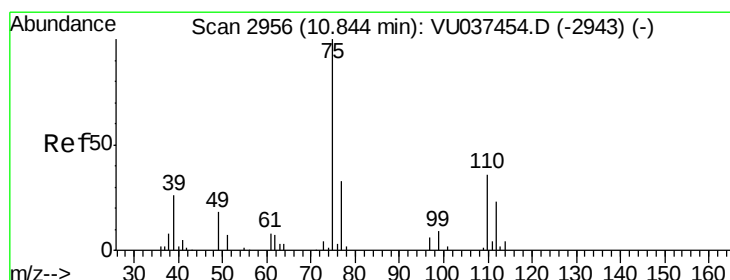
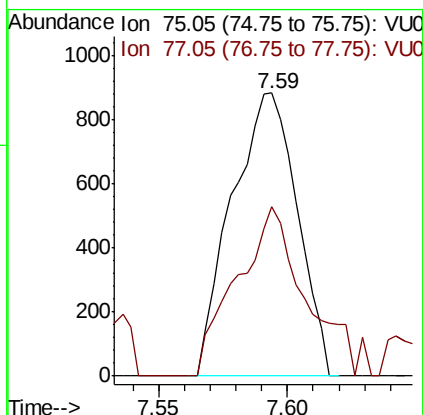
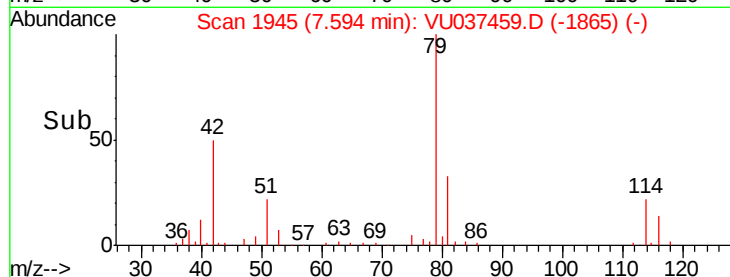
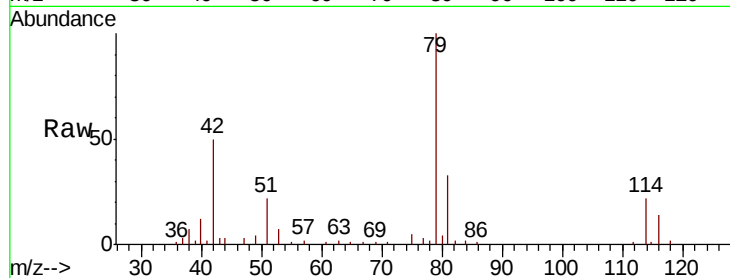


#39

cis-1,3-Dichloropropene
Concen: 0.135 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037459.D
Acq: 30 Mar 2020 13:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 1562
Ion Ratio Lower Upper
75 100
77 60.0 21.1 39.3#



#59

1,2,3-Trichloropropane
Concen: 1.316 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU037459.D
Acq: 30 Mar 2020 13:29

Tgt Ion: 75 Resp: 6493
Ion Ratio Lower Upper
75 100
77 37.4 27.4 41.2

