

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037465.D
 Acq On : 30 Mar 2020 15:57
 Operator : JC/MD
 Sample : L2001-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:20:01 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	107251	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	100401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51450	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30669	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.93	69	27884	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.59	63	47343	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.67	46	89337	41.40	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.80%
24) Chloroform-d	5.11	84	59732	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
26) 1,2-Dichloroethane-d4	5.74	65	36381	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.76	84	127329	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.73	67	42307	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.92	98	117597	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	19231	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.66	63	85989	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34111	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	42540	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

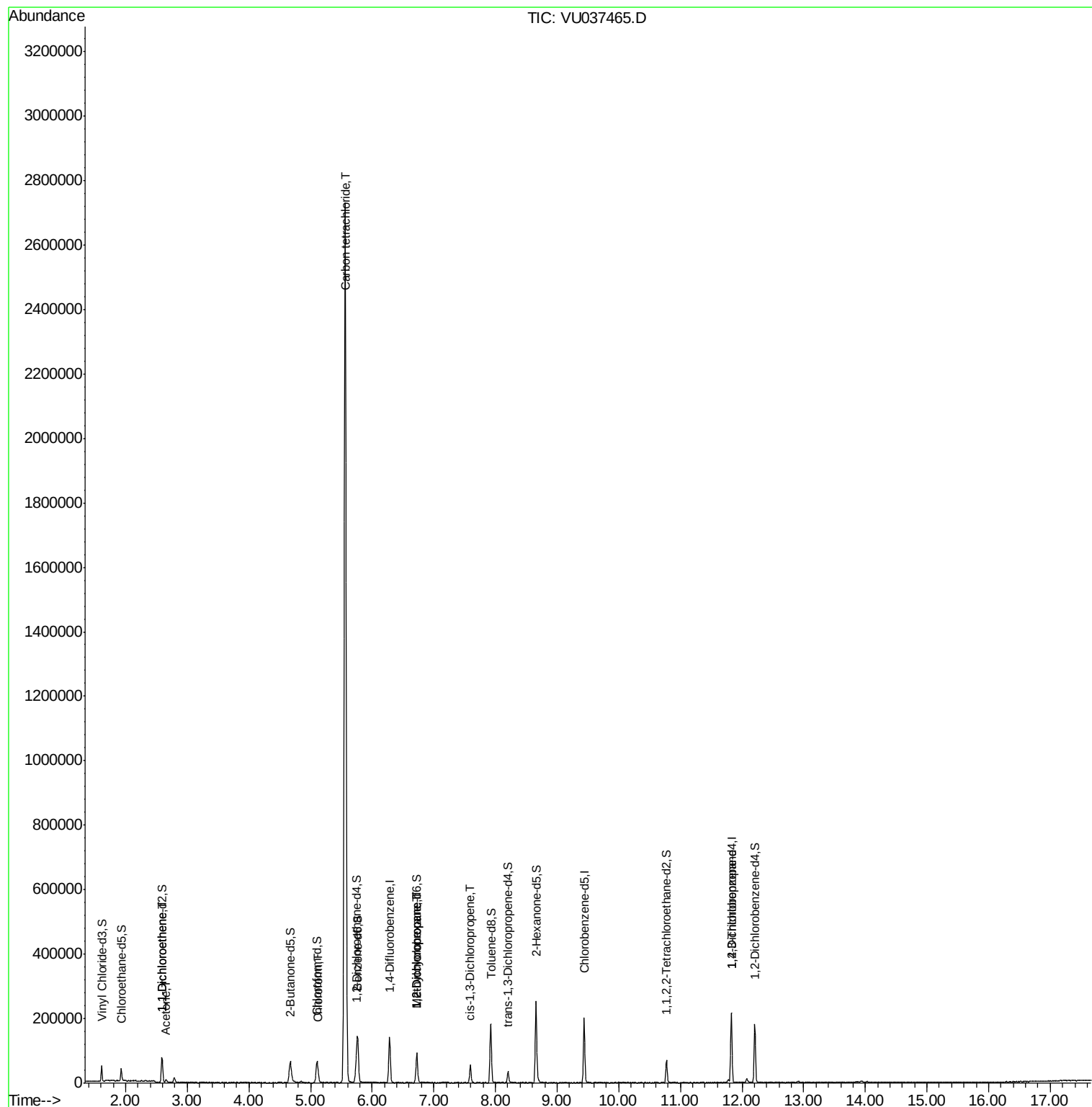
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	446	0.063	ug/L #	1
13) Acetone	2.66	43	9811	7.913	ug/L	98
25) Chloroform	5.13	83	9961	0.687	ug/L	99
31) Carbon tetrachloride	5.56	117	1776337	163.028	ug/L	99
35) Methylcyclohexane	6.72	83	10776	0.804	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	4995	0.650	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1594	0.127	ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	7318	1.369	ug/L	93

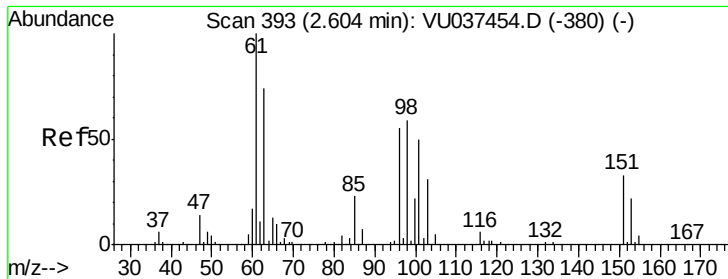
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037465.D

Acq: 30 Mar 2020 15:57

Instrument :

MSVOA_U

ClientSampleId :

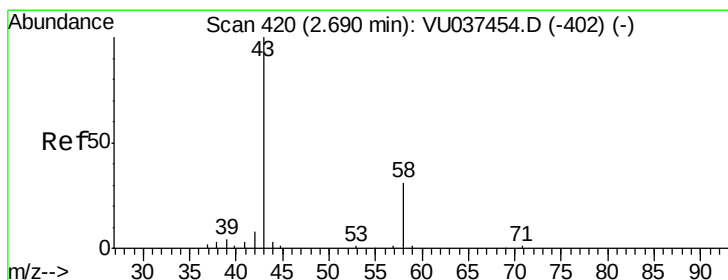
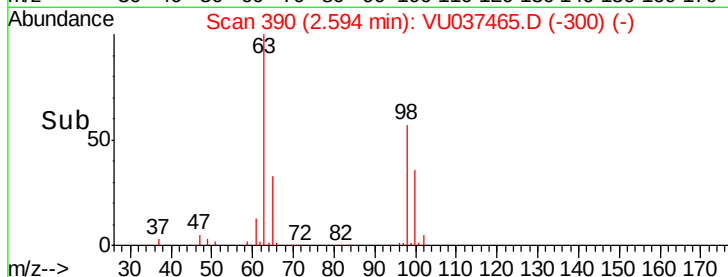
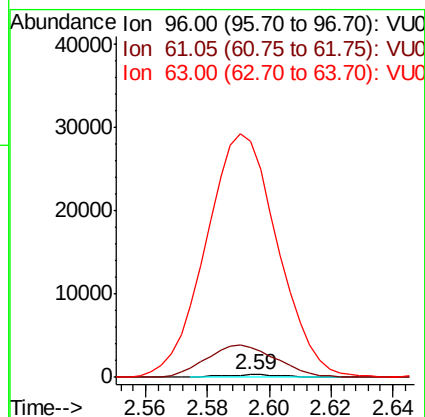
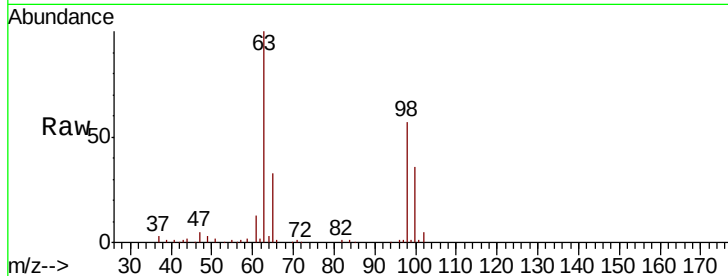
Tot Ion: 96 Resp: 446

Ion Ratio Lower Upper

96 100

61 1212.6 125.4 232.8#

63 9621.8 90.9 168.7#



#13

Acetone

Concen: 7.913 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.04 min

Lab File: VU037465.D

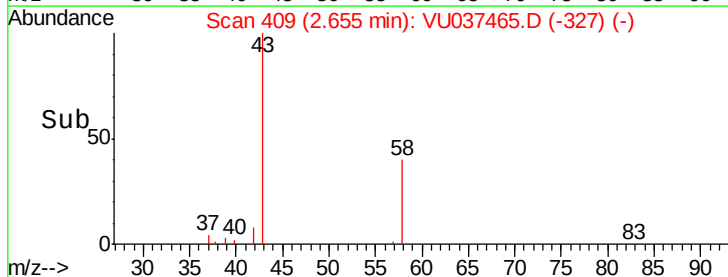
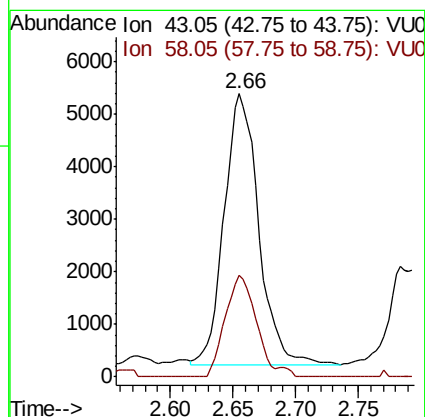
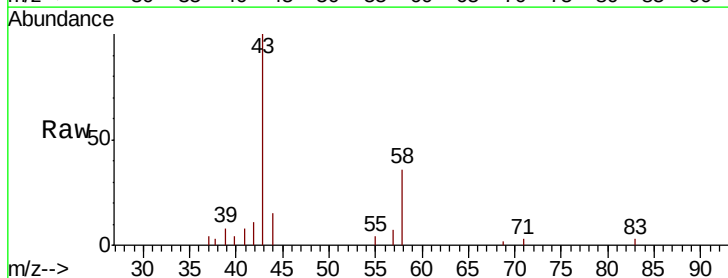
Acq: 30 Mar 2020 15:57

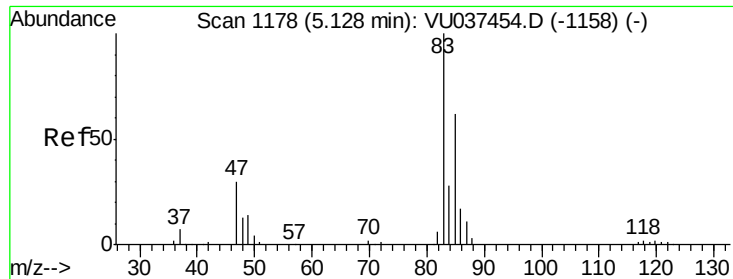
Tgt Ion: 43 Resp: 9811

Ion Ratio Lower Upper

43 100

58 34.3 0.0 66.0

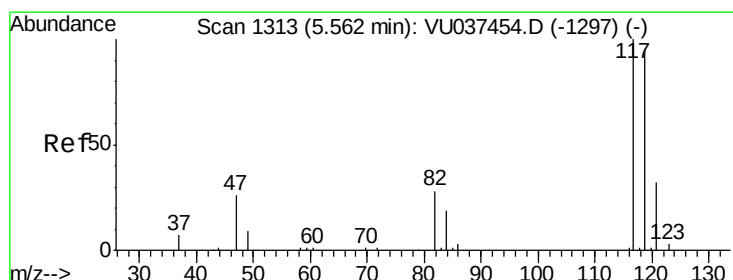
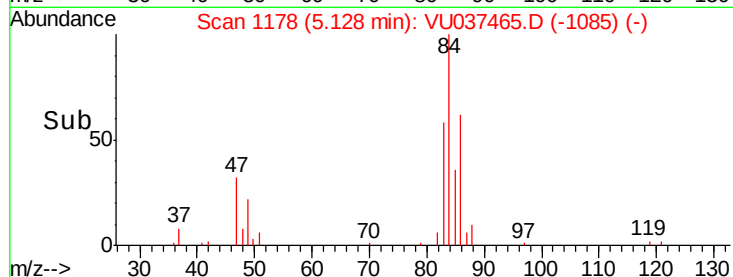
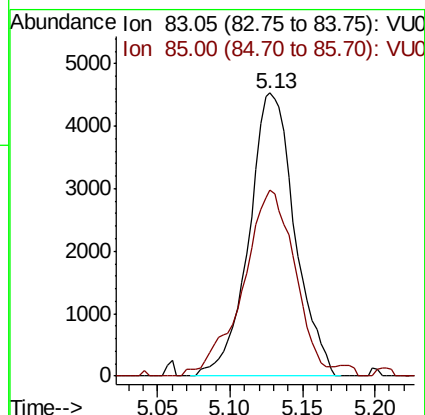
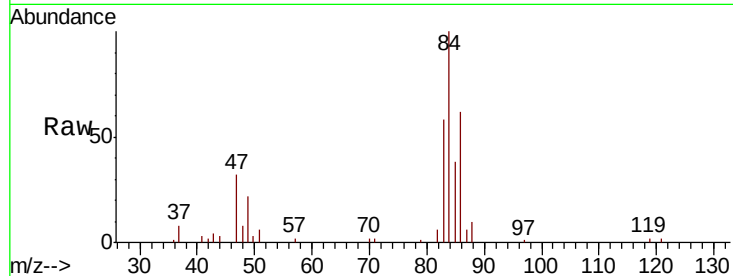




#25
Chloroform
Concen: 0.687 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037465.D
Acq: 30 Mar 2020 15:57

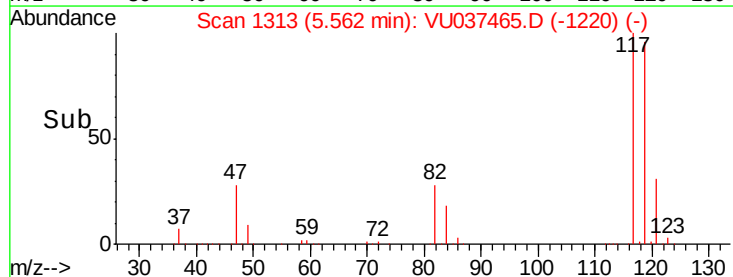
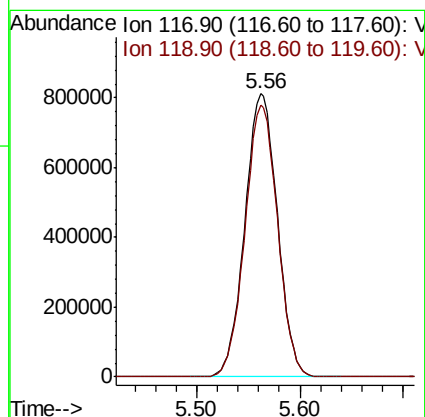
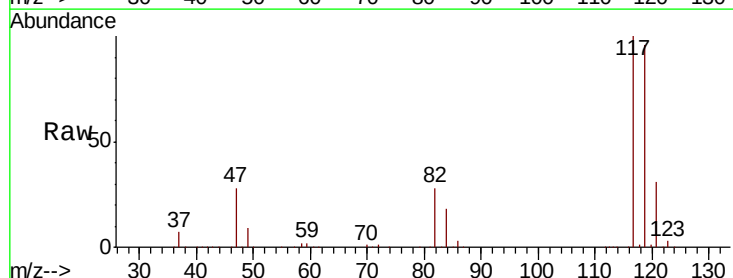
Instrument :
MSVOA_U
ClientSampleId :

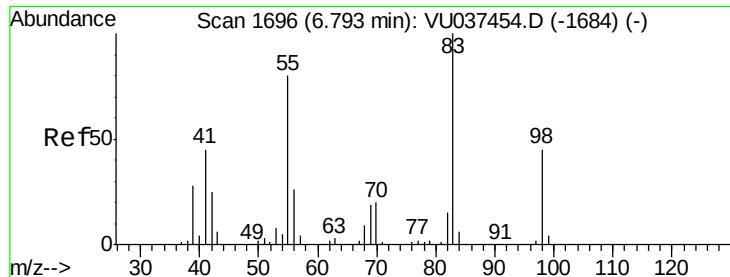
Tot Ion: 83 Resp: 9961
Ion Ratio Lower Upper
83 100
85 65.8 45.4 84.4



#31
Carbon tetrachloride
Concen: 163.028 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037465.D
Acq: 30 Mar 2020 15:57

Tgt Ion: 117 Resp: 1776337
Ion Ratio Lower Upper
117 100
119 96.3 77.7 116.5

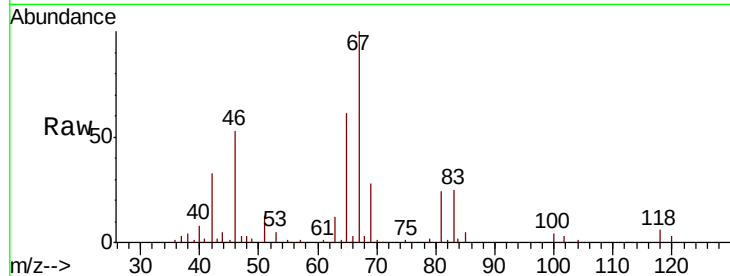




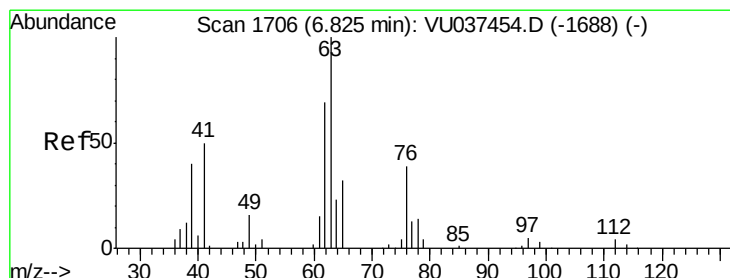
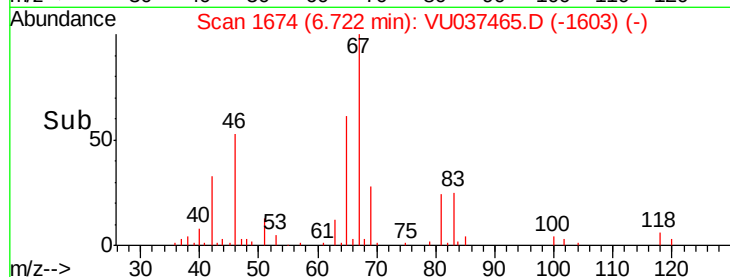
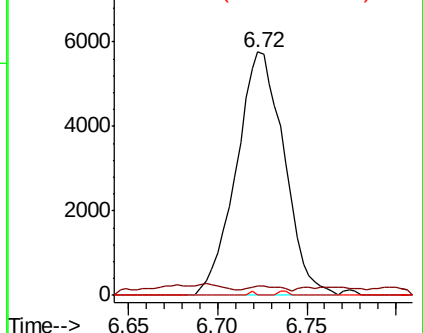
#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037465.D
Acq: 30 Mar 2020 15:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10776
Ion Ratio Lower Upper
83 100
55 1.8 64.2 96.4#
98 0.2 36.3 54.5#

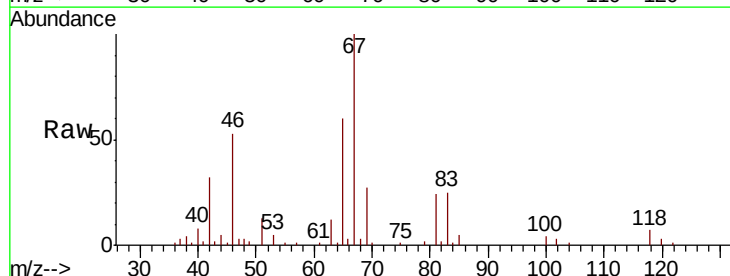


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

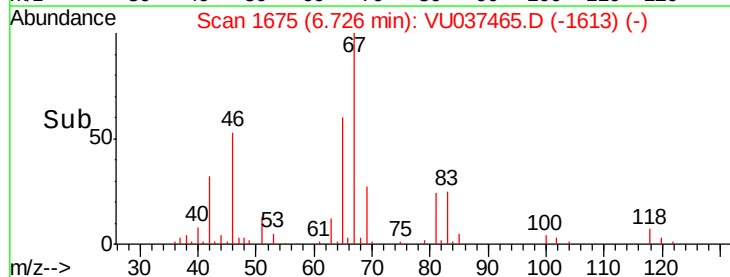
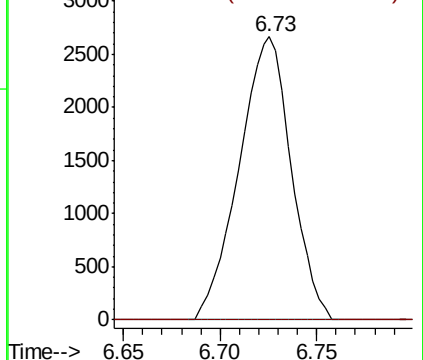


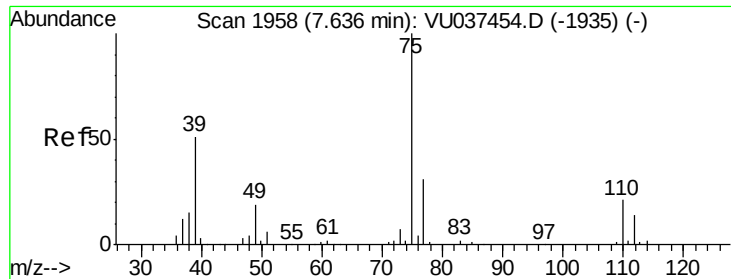
#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037465.D
Acq: 30 Mar 2020 15:57

Tgt Ion: 63 Resp: 4995
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



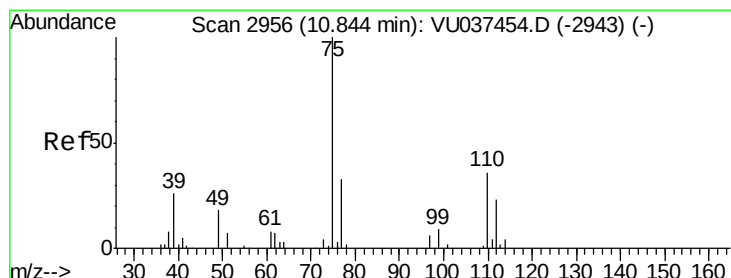
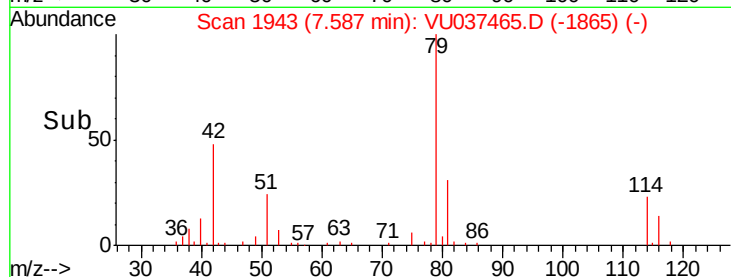
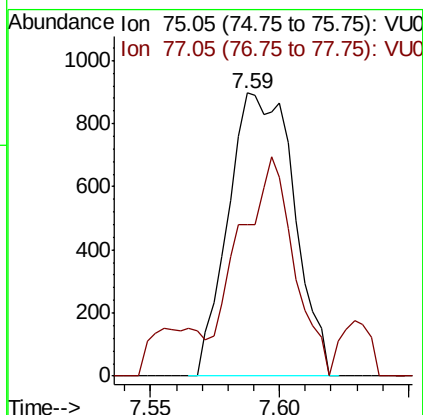
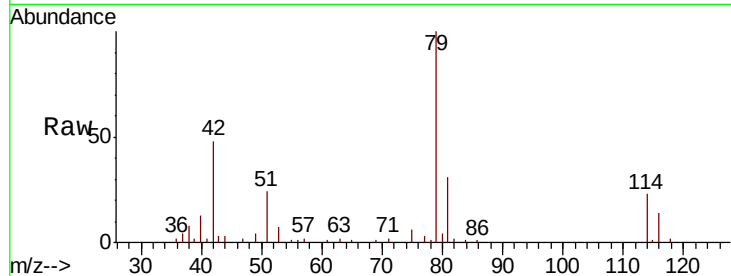


#39

cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU037465.D
 Acq: 30 Mar 2020 15:57

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 1594
 Ion Ratio Lower Upper
 75 100
 77 53.6 21.1 39.3#



#59

1,2,3-Trichloropropane
 Concen: 1.369 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037465.D
 Acq: 30 Mar 2020 15:57

Tgt Ion: 75 Resp: 7318
 Ion Ratio Lower Upper
 75 100
 77 38.5 27.4 41.2

