

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041718.D
 Acq On : 22 Dec 2020 00:07
 Operator : SY/MD
 Sample : L5162-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB253

Quant Time: Dec 22 06:03:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 05:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55053	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38143	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.92	69	35718	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.58	63	53408	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.65	46	170903	58.61	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.22%
24) Chloroform-d	5.08	84	85290	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	50633	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	161557	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.70	67	56448	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.90	98	145783	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	23213	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.64	63	159261	54.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53093	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	50617	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

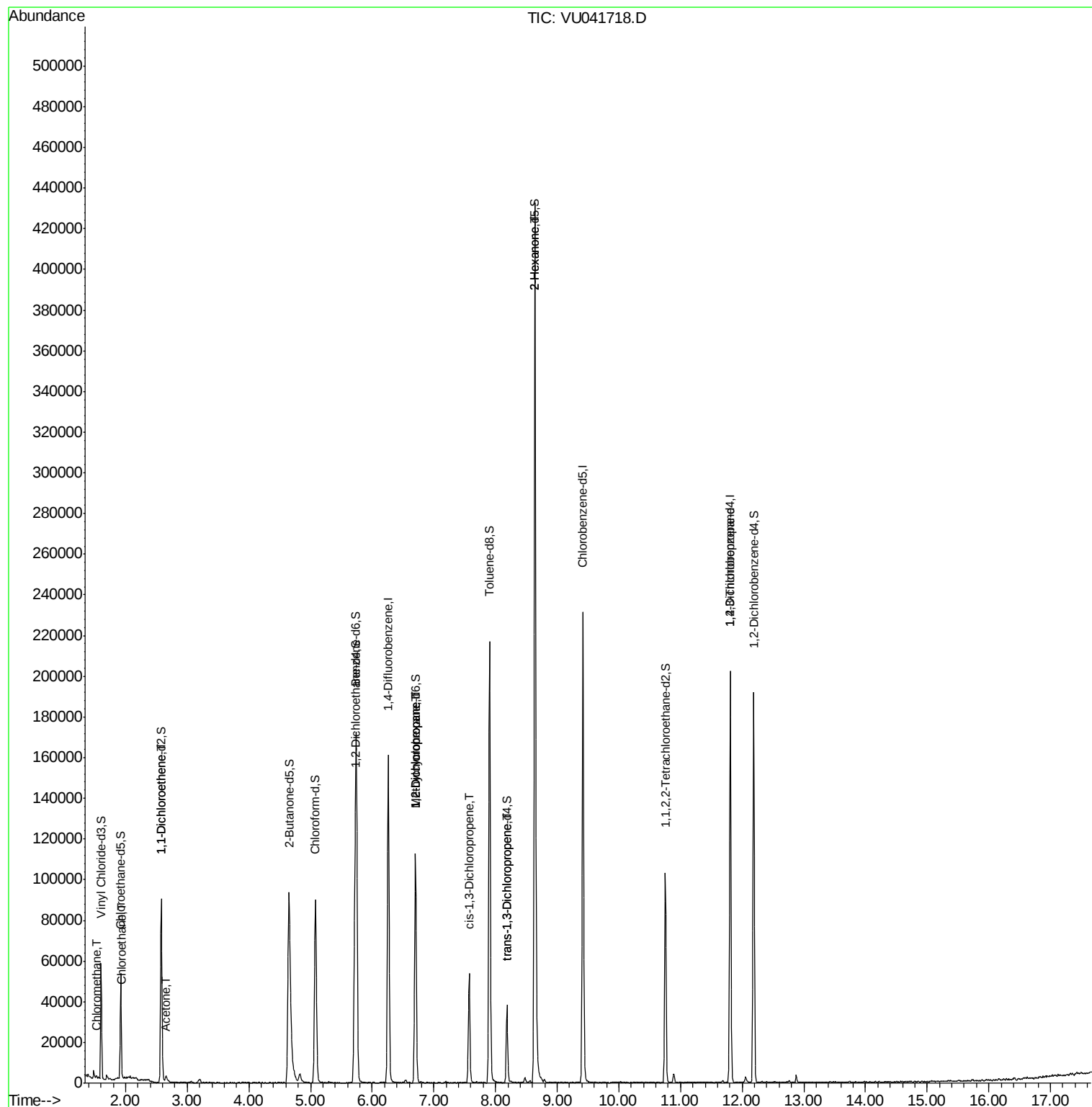
					Ovalue
3) Chloromethane	1.52	50	1096	0.103 ug/L	92
8) Chloroethane	1.94	64	463	0.058 ug/L #	44
12) 1,1-Dichloroethene	2.58	96	515	0.058 ug/L #	1
13) Acetone	2.66	43	5220	2.814 ug/L	59
35) Methylcyclohexane	6.70	83	12537	0.733 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5925	0.550 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1195	0.075 ug/L #	51
44) trans-1,3-Dichloropropene	8.18	75	839	0.059 ug/L	93
48) 2-Hexanone	8.64	43	19163	3.434 ug/L #	62
59) 1,2,3-Trichloropropane	11.81	75	6791	0.839 ug/L	97

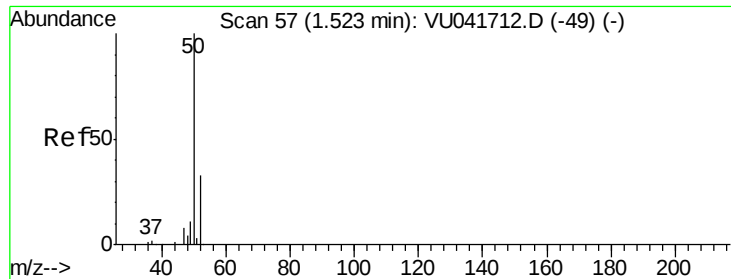
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 05:59:09 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.103 ug/L

RT: 1.52 min Scan# 56

Delta R.T. -0.00 min

Lab File: VU041718.D

Acq: 22 Dec 2020 00:07

Instrument :

MSVOA_U

ClientSampleId :

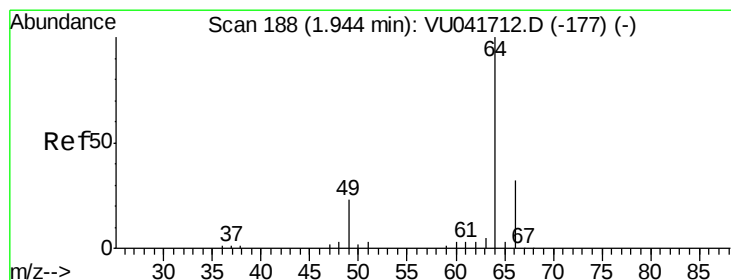
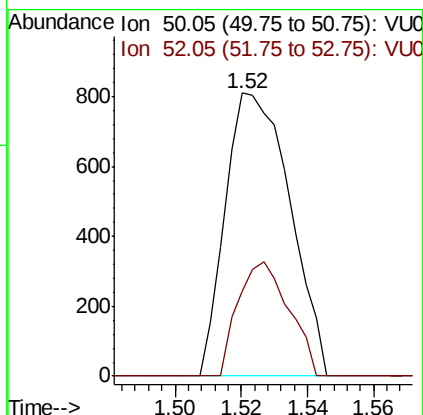
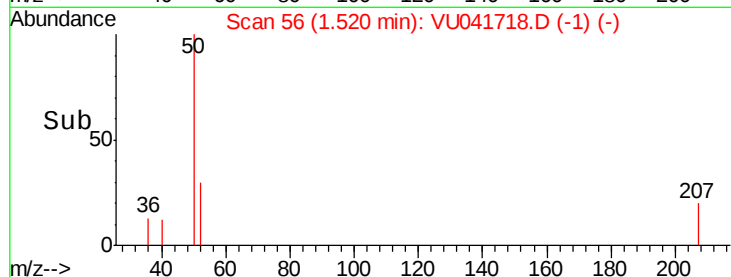
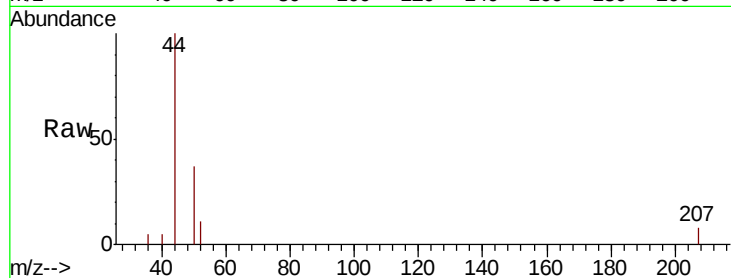
GB253

Tot Ion: 50 Resp: 1096

Ion Ratio Lower Upper

50 100

52 30.1 24.1 44.8



#8

Chloroethane

Concen: 0.058 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU041718.D

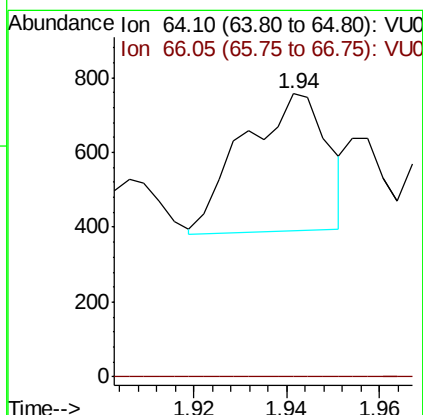
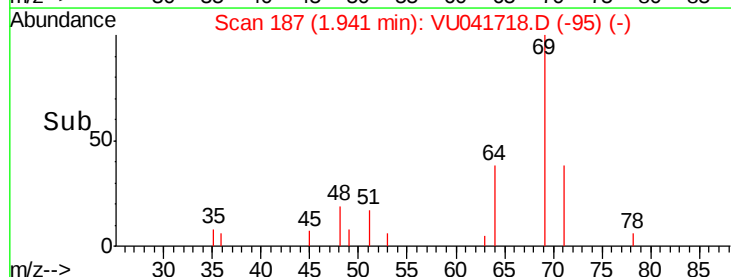
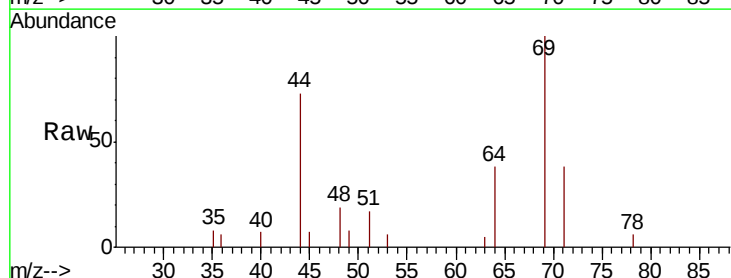
Acq: 22 Dec 2020 00:07

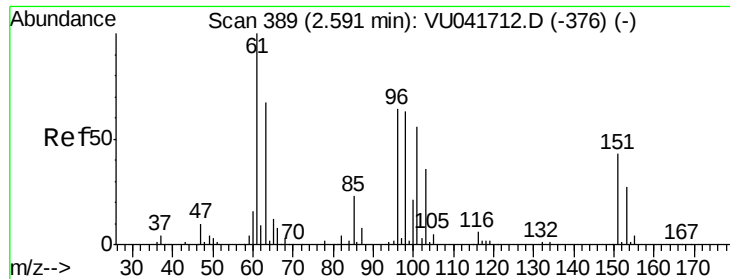
Tgt Ion: 64 Resp: 463

Ion Ratio Lower Upper

64 100

66 0.0 21.6 40.0#

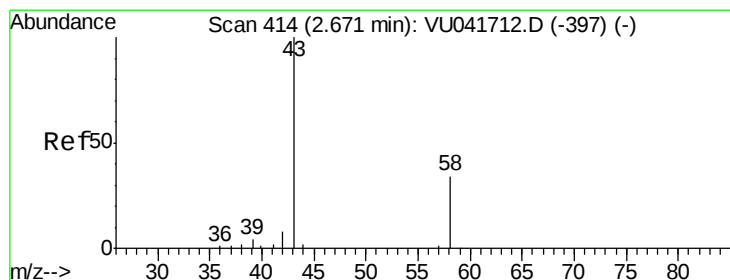
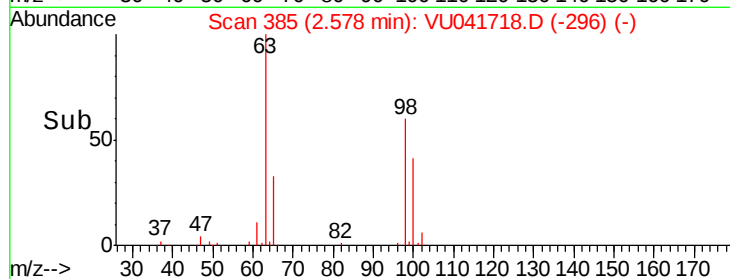
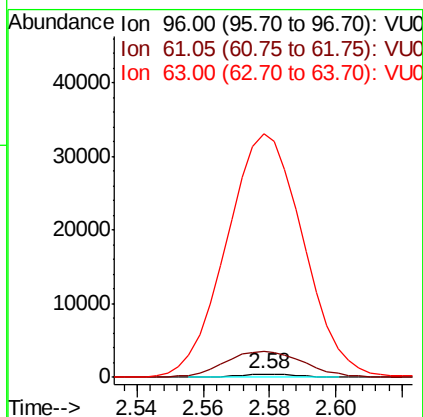
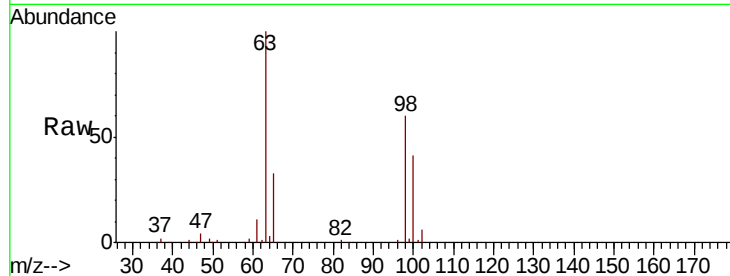




#12
 1,1-Dichloroethene
 Concen: 0.058 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VU041718.D
 Acq: 22 Dec 2020 00:07

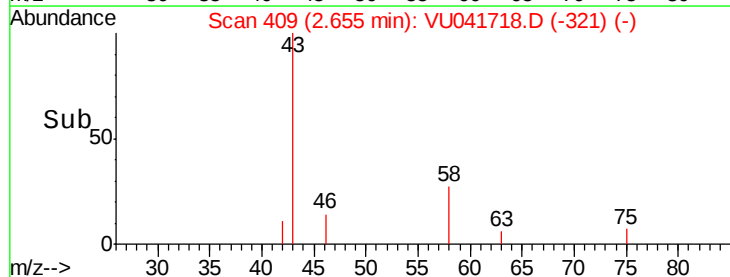
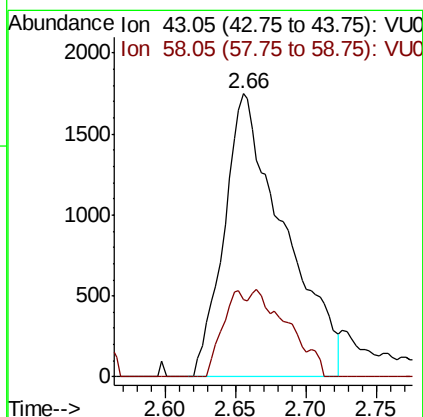
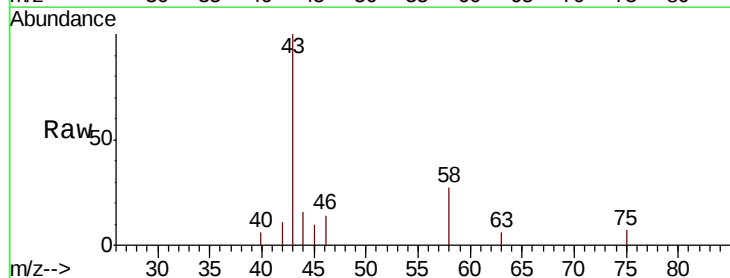
Instrument :
 MSVOA_U
 ClientSampled :
 GB253

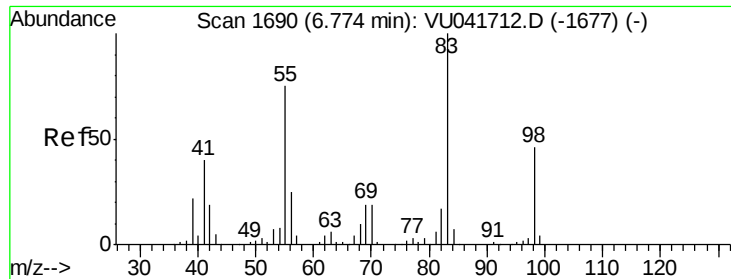
Tot Ion: 96 Resp: 515
 Ion Ratio Lower Upper
 96 100
 61 866.2 123.8 230.0#
 63 8218.9 81.0 150.4#



#13
 Acetone
 Concen: 2.814 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: VU041718.D
 Acq: 22 Dec 2020 00:07

Tgt Ion: 43 Resp: 5220
 Ion Ratio Lower Upper
 43 100
 58 12.5 0.0 73.2

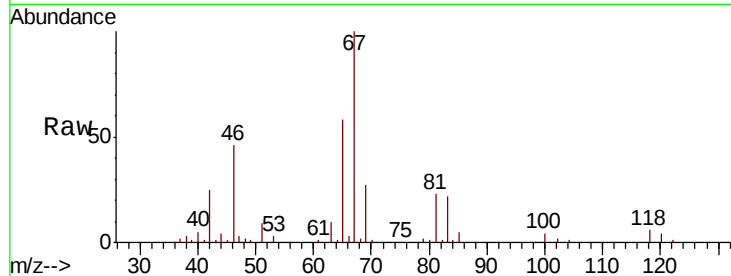




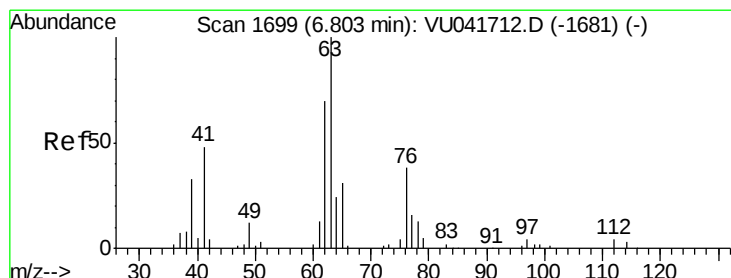
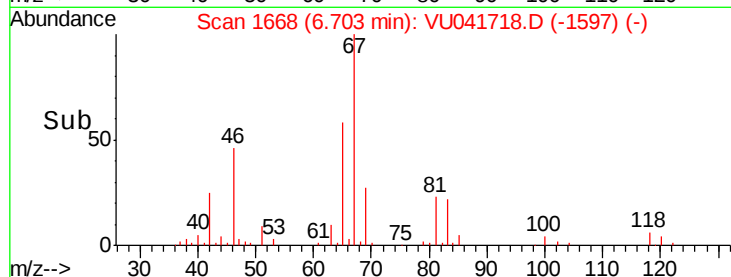
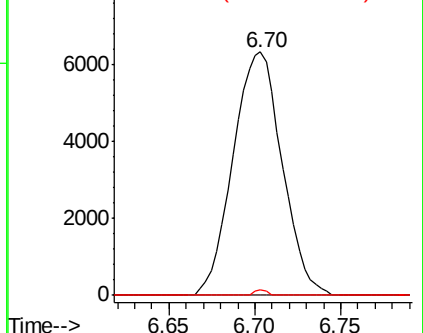
#35
Methvlcvclohexane
Concen: 0.733 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041718.D
Acq: 22 Dec 2020 00:07

Instrument :
MSVOA_U
ClientSampleId :
GB253

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.6	36.6	54.8#

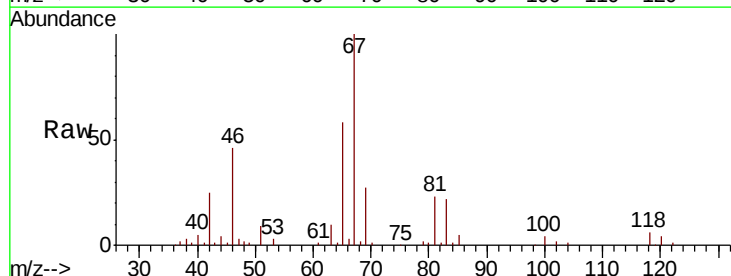


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

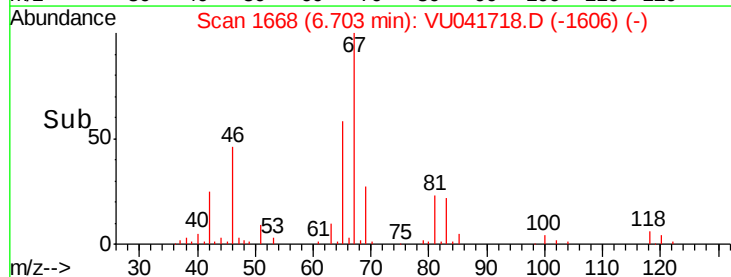
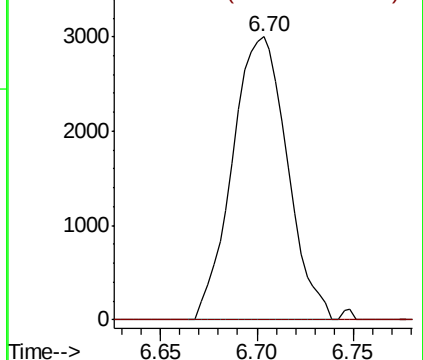


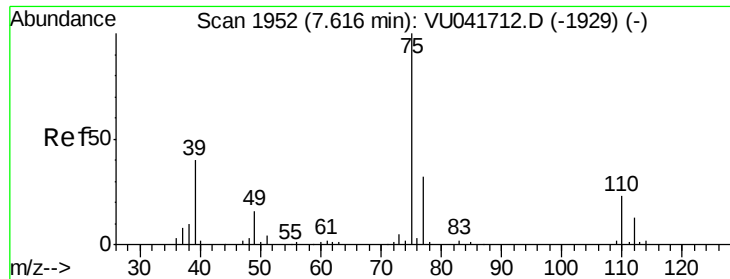
#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041718.D
Acq: 22 Dec 2020 00:07

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



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



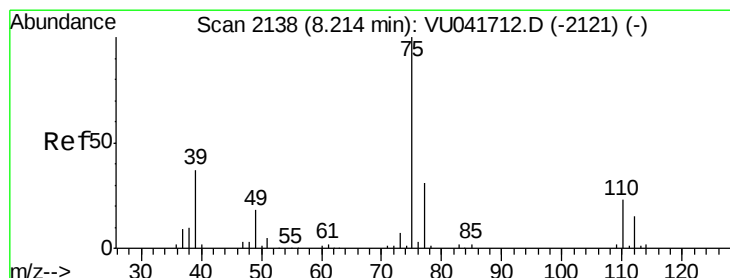
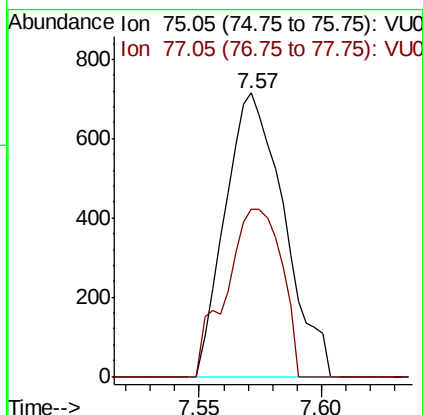
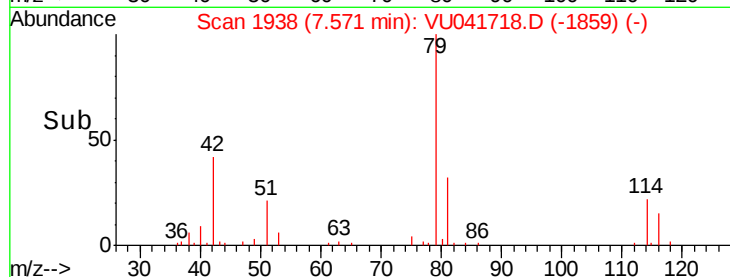
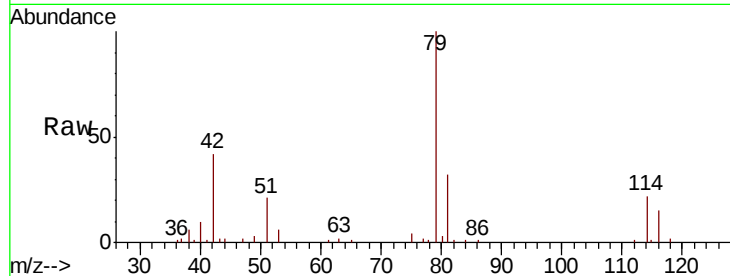


#39

cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041718.D
Acq: 22 Dec 2020 00:07

Instrument :
MSVOA_U
ClientSampled :
GB253

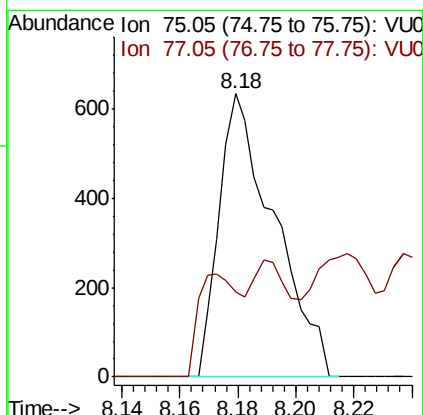
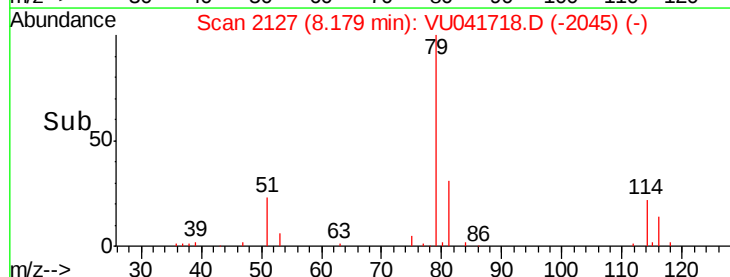
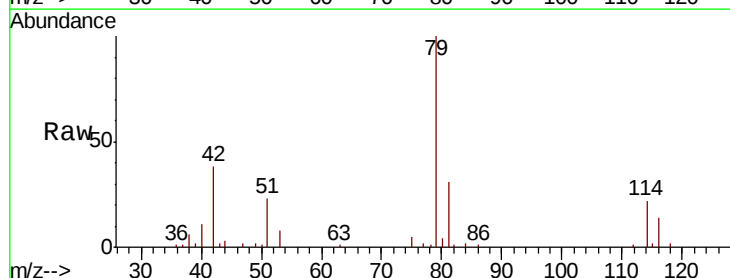
Tot Ion: 75 Resp: 1195
Ion Ratio Lower Upper
75 100
77 59.0 22.3 41.3#

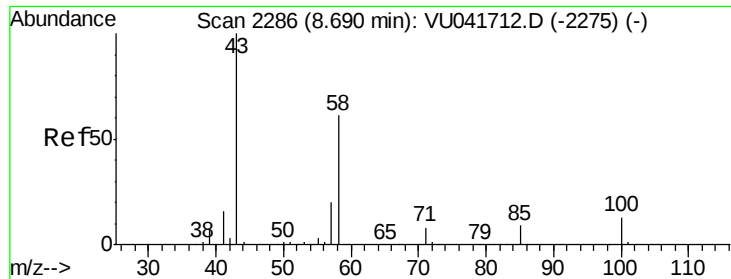


#44

trans-1,3-Dichloropropene
Concen: 0.059 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU041718.D
Acq: 22 Dec 2020 00:07

Tgt Ion: 75 Resp: 839
Ion Ratio Lower Upper
75 100
77 30.0 23.8 44.2

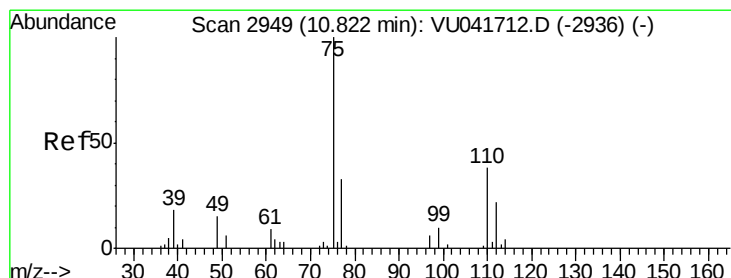
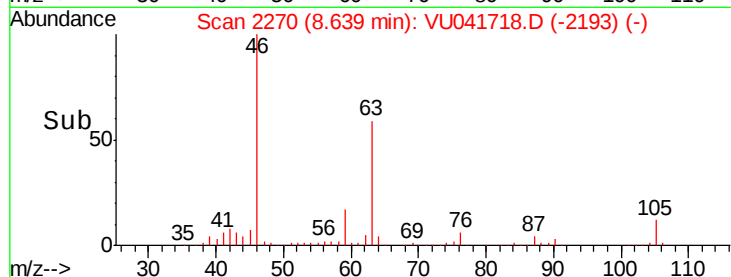
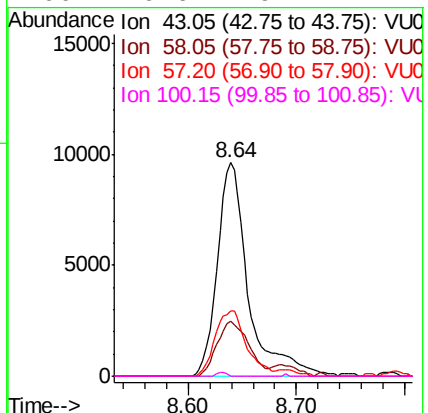
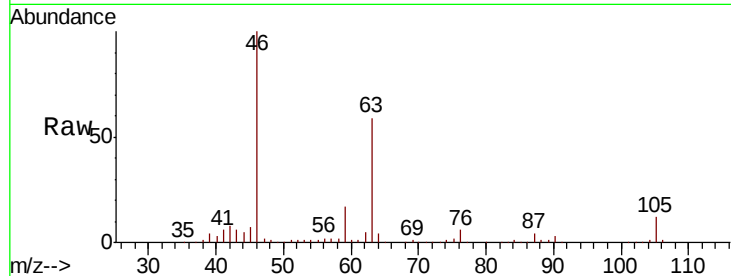




#48
2-Hexanone
Concen: 3.434 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041718.D
Acq: 22 Dec 2020 00:07

Instrument :
MSVOA_U
ClientSampled :
GB253

Tot Ion: 43 Resp: 19163
Ion Ratio Lower Upper
43 100
58 26.5 47.9 71.9#
57 31.3 16.5 24.7#
100 0.6 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.839 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041718.D
Acq: 22 Dec 2020 00:07

Tgt Ion: 75 Resp: 6791
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.2

