

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060220\
 Data File : VU038502.D
 Acq On : 02 Jun 2020 18:37
 Operator : JC/MD
 Sample : L2856-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 03 00:51:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	283555	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	284002	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132913	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63182	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.93	69	65298	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.59	63	105577	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.68	46	338833	60.78	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.56%
24) Chloroform-d	5.10	84	181474	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.74	65	110360	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.76	84	341832	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.72	67	108838	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.92	98	275940	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.20	79	43158	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.65	63	293335	63.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104433	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	120808	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

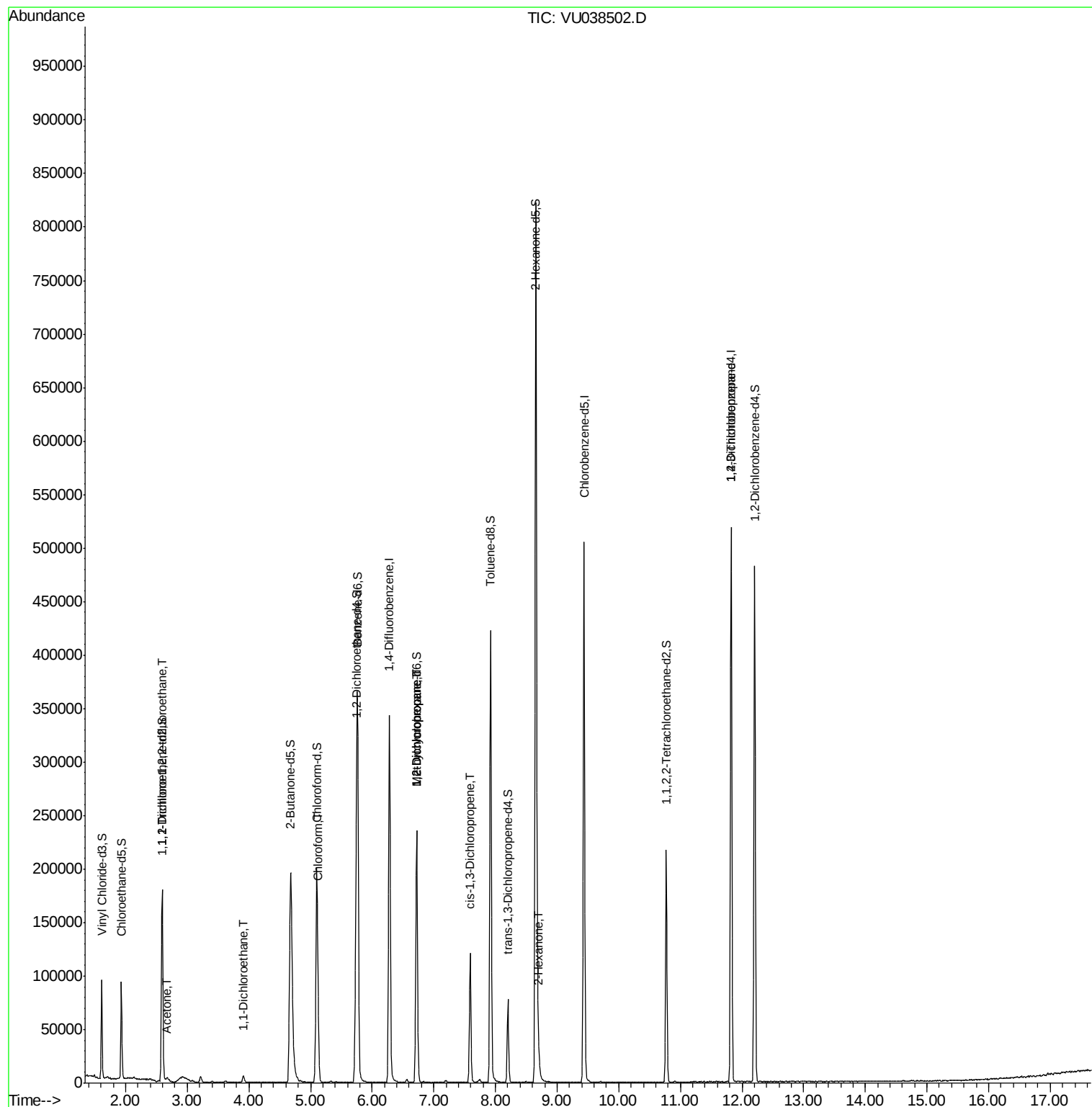
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	2502	0.146	ug/L #	77
13) Acetone	2.68	43	6503	1.782	ug/L	78
19) 1,1-Dichloroethane	3.91	63	7658	0.227	ug/L	89
25) Chloroform	5.12	83	20016	0.585	ug/L	100
35) Methylcyclohexane	6.72	83	26311	0.827	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12100	0.607	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2947	0.100	ug/L #	52
48) 2-Hexanone	8.70	43	10678	0.989	ug/L	92
59) 1,2,3-Trichloropropane	11.82	75	16347	1.099	ug/L #	82

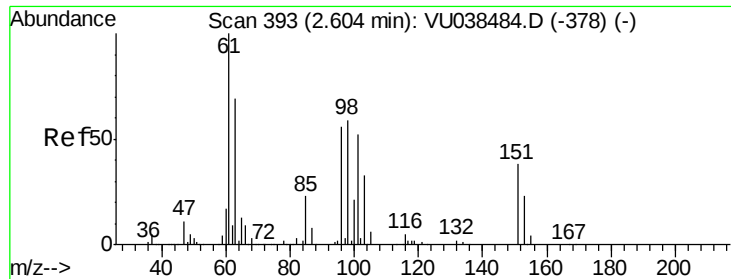
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 03 00:48:29 2020
Response via : Initial Calibration





#10

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

Concen: 0.146 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038502.D

Acq: 02 Jun 2020 18:37

Instrument :

MSVOA_U

ClientSampleId :

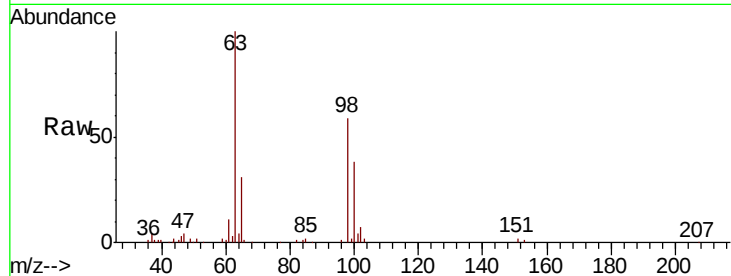
Tot Ion:101 Resp: 2502

Ion Ratio Lower Upper

101 100

85 29.1 34.0 51.0#

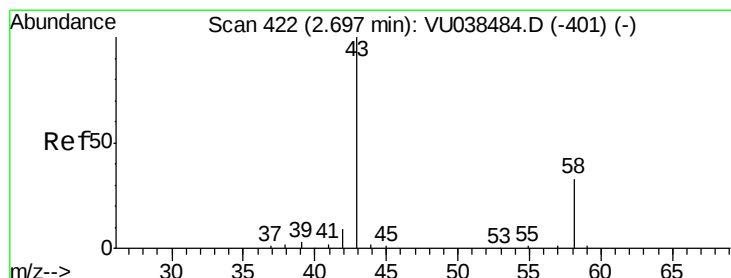
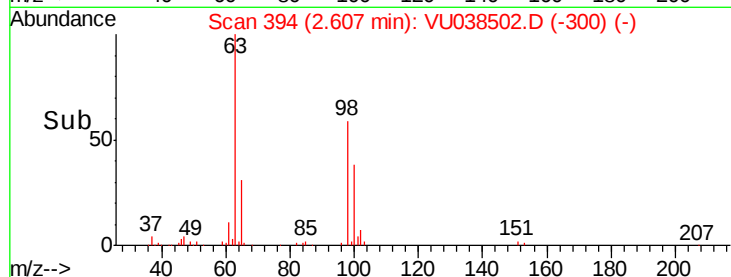
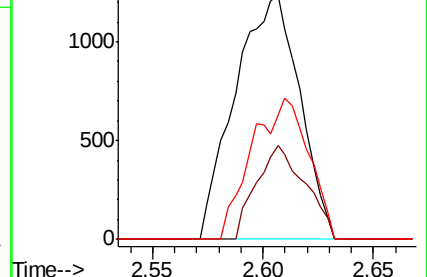
151 51.2 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.782 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.02 min

Lab File: VU038502.D

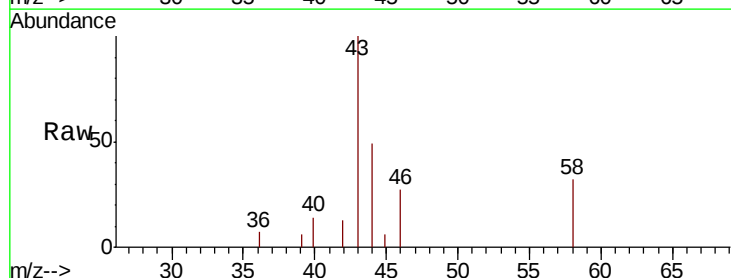
Acq: 02 Jun 2020 18:37

Tgt Ion: 43 Resp: 6503

Ion Ratio Lower Upper

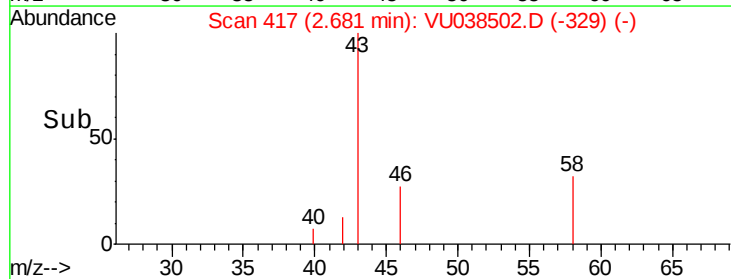
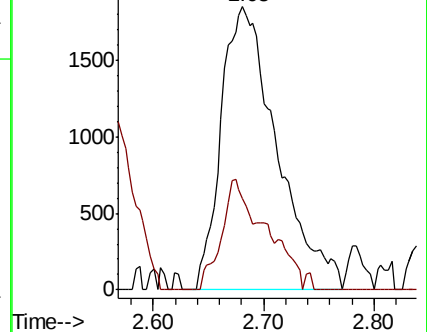
43 100

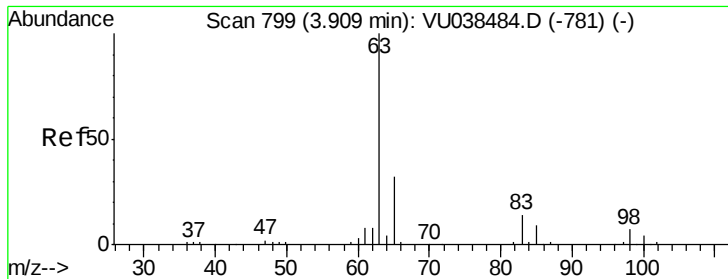
58 20.2 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

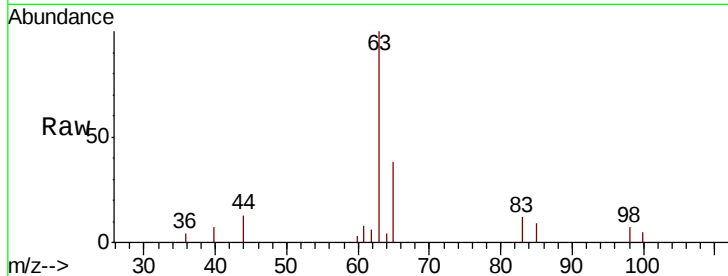




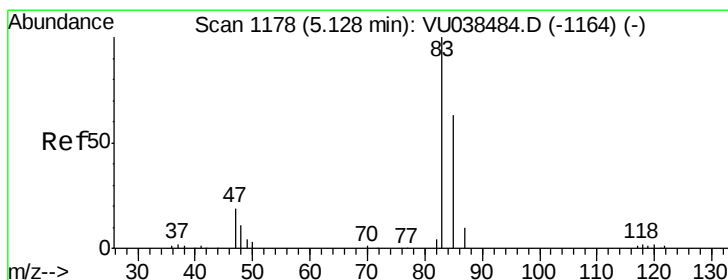
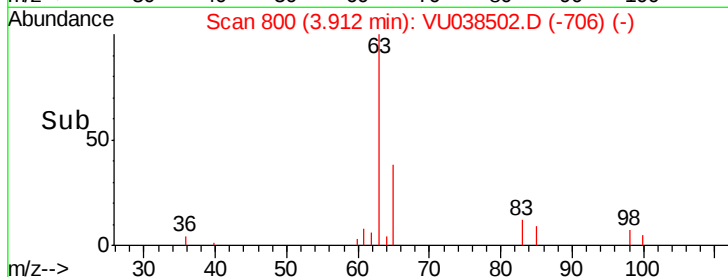
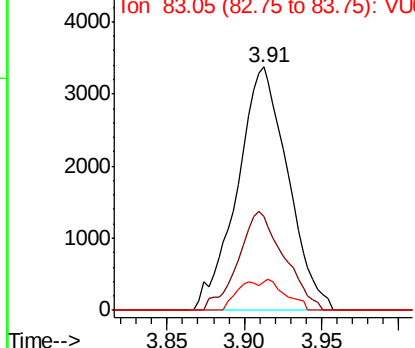
#19
 1,1-Dichloroethane
 Concen: 0.227 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU038502.D
 Acq: 02 Jun 2020 18:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 7658
 Ion Ratio Lower Upper
 63 100
 65 38.5 22.3 41.5
 83 11.6 10.4 19.4

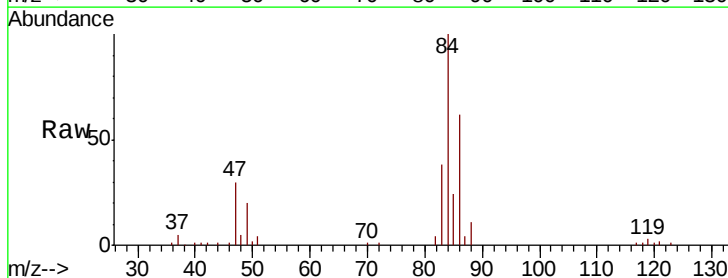


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

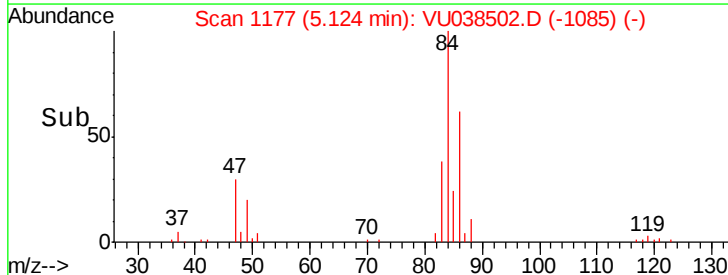
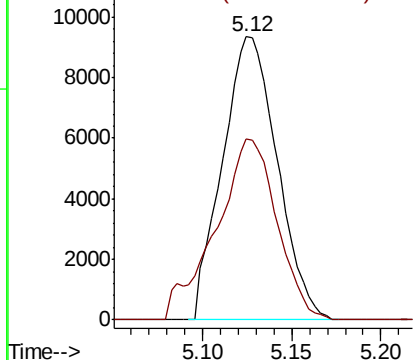


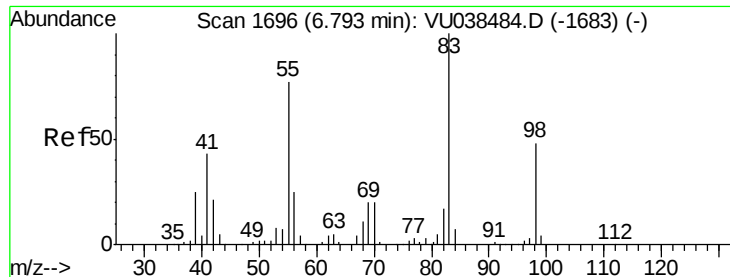
#25
 Chloroform
 Concen: 0.585 ug/L
 RT: 5.12 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VU038502.D
 Acq: 02 Jun 2020 18:37

Tgt Ion: 83 Resp: 20016
 Ion Ratio Lower Upper
 83 100
 85 63.9 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

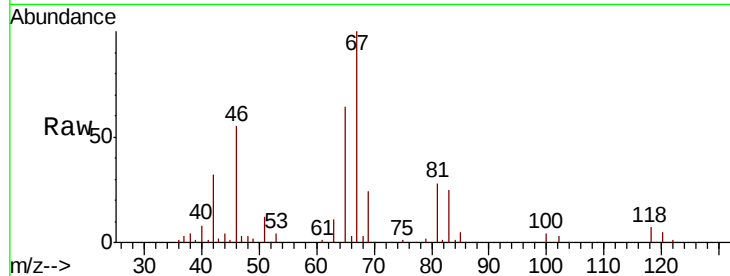




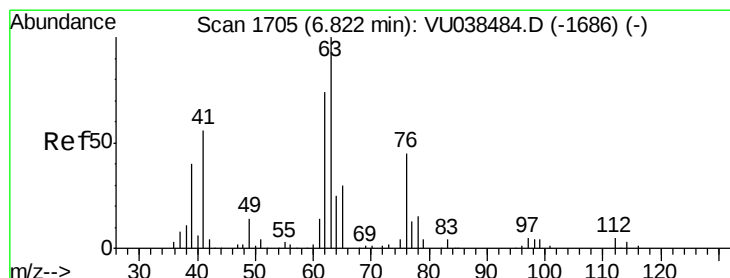
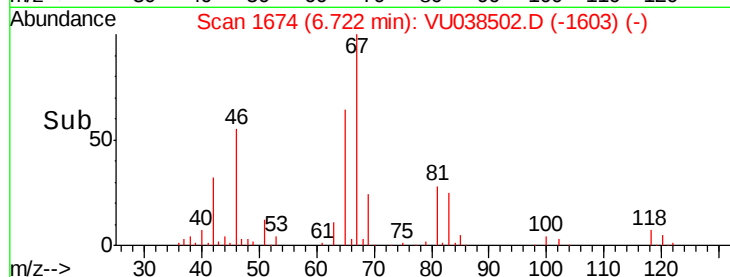
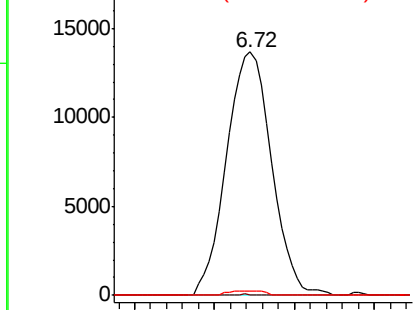
#35
Methvlcvclohexane
Concen: 0.827 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038502.D
Acq: 02 Jun 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26311
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 1.4 39.0 58.4#

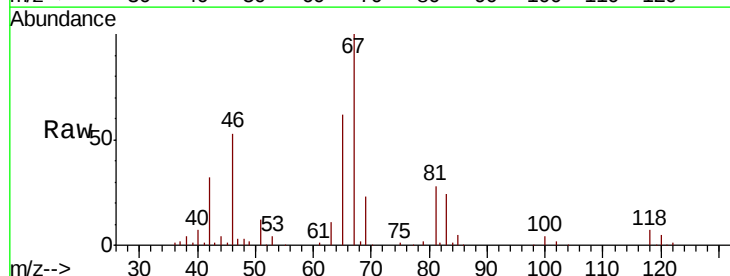


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

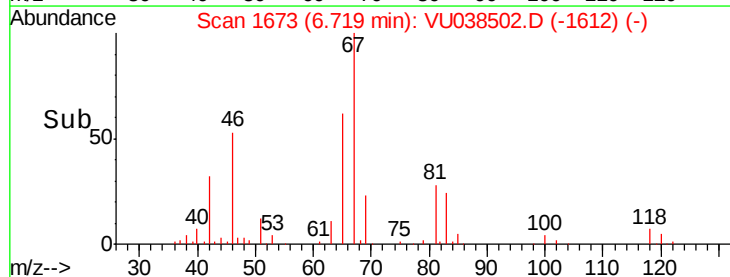
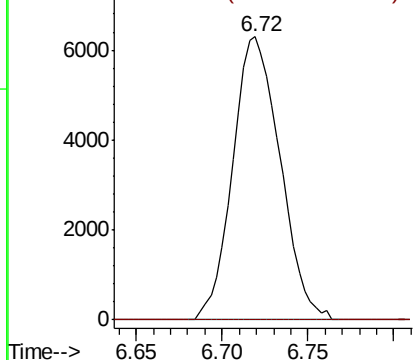


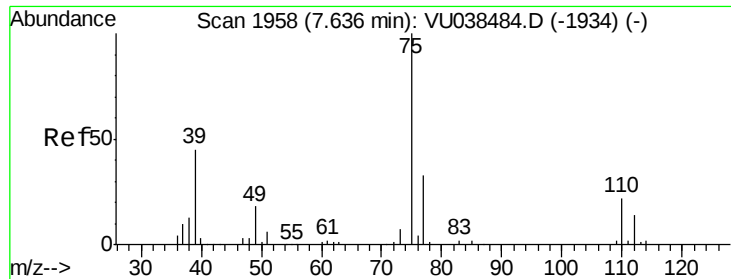
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038502.D
Acq: 02 Jun 2020 18:37

Tgt Ion: 63 Resp: 12100
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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

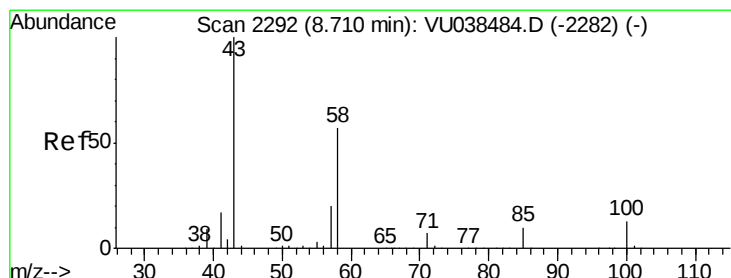
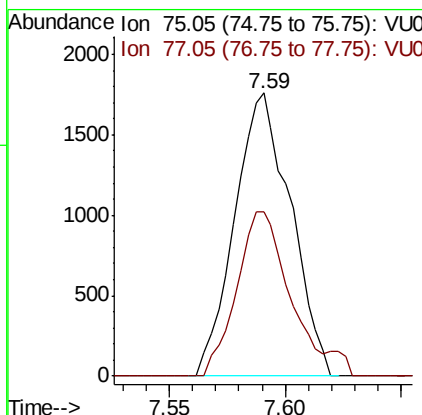
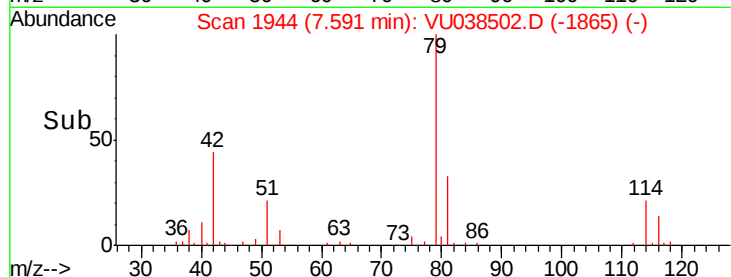
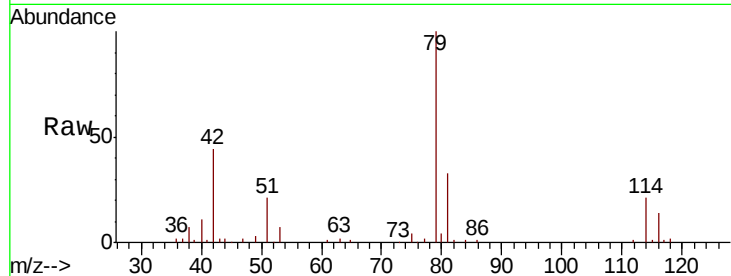




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038502.D
 Acq: 02 Jun 2020 18:37

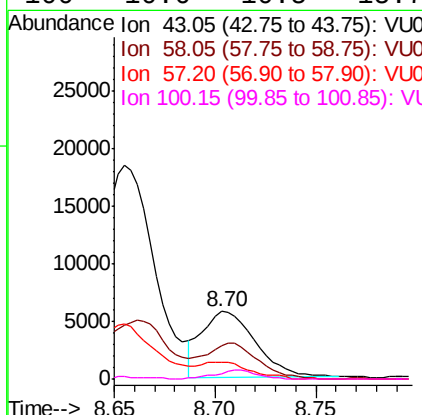
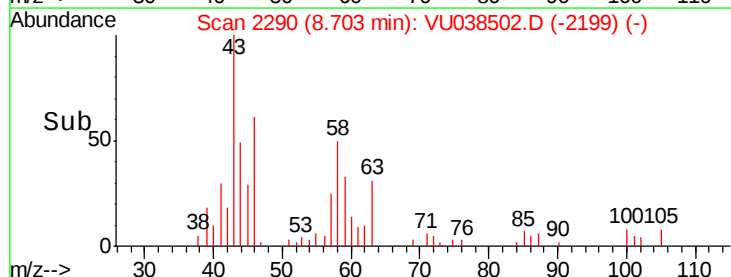
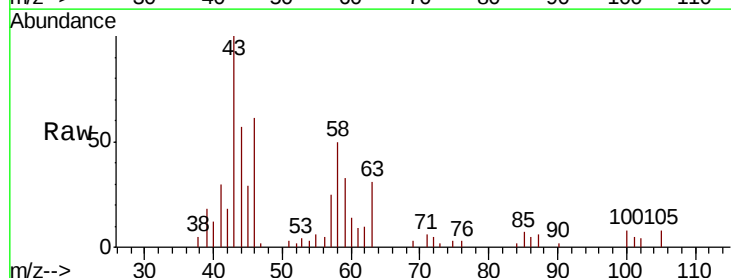
Instrument :
 MSVOA_U
 ClientSampleId :

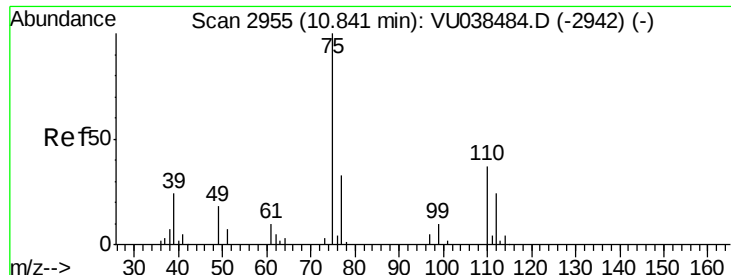
Tot Ion: 75 Resp: 2947
 Ion Ratio Lower Upper
 75 100
 77 57.9 21.9 40.7#



#48
 2-Hexanone
 Concen: 0.989 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: VU038502.D
 Acq: 02 Jun 2020 18:37

Tgt Ion: 43 Resp: 10678
 Ion Ratio Lower Upper
 43 100
 58 50.4 45.4 68.0
 57 22.6 15.9 23.9
 100 10.6 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 1.099 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038502.D

Acq: 02 Jun 2020 18:37

Instrument :

MSVOA_U

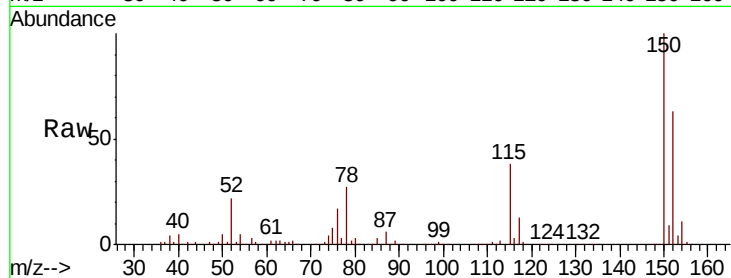
ClientSampleId :

Tot Ion: 75 Resp: 16347

Ion Ratio Lower Upper

75 100

77 42.1 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

