

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037273.D
 Acq On : 14 Mar 2020 19:27
 Operator : JC/MD
 Sample : L1923-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NG6

Quant Time: Mar 16 05:20:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	120021	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119921	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34943	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.93	69	31552	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.59	63	59450	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.67	46	95657	47.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	5.11	84	74982	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.74	65	44395	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.76	84	134679	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.73	67	43927	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.92	98	123268	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.21	79	16398	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.66	63	75536	47.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.28%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	35739	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	42879	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

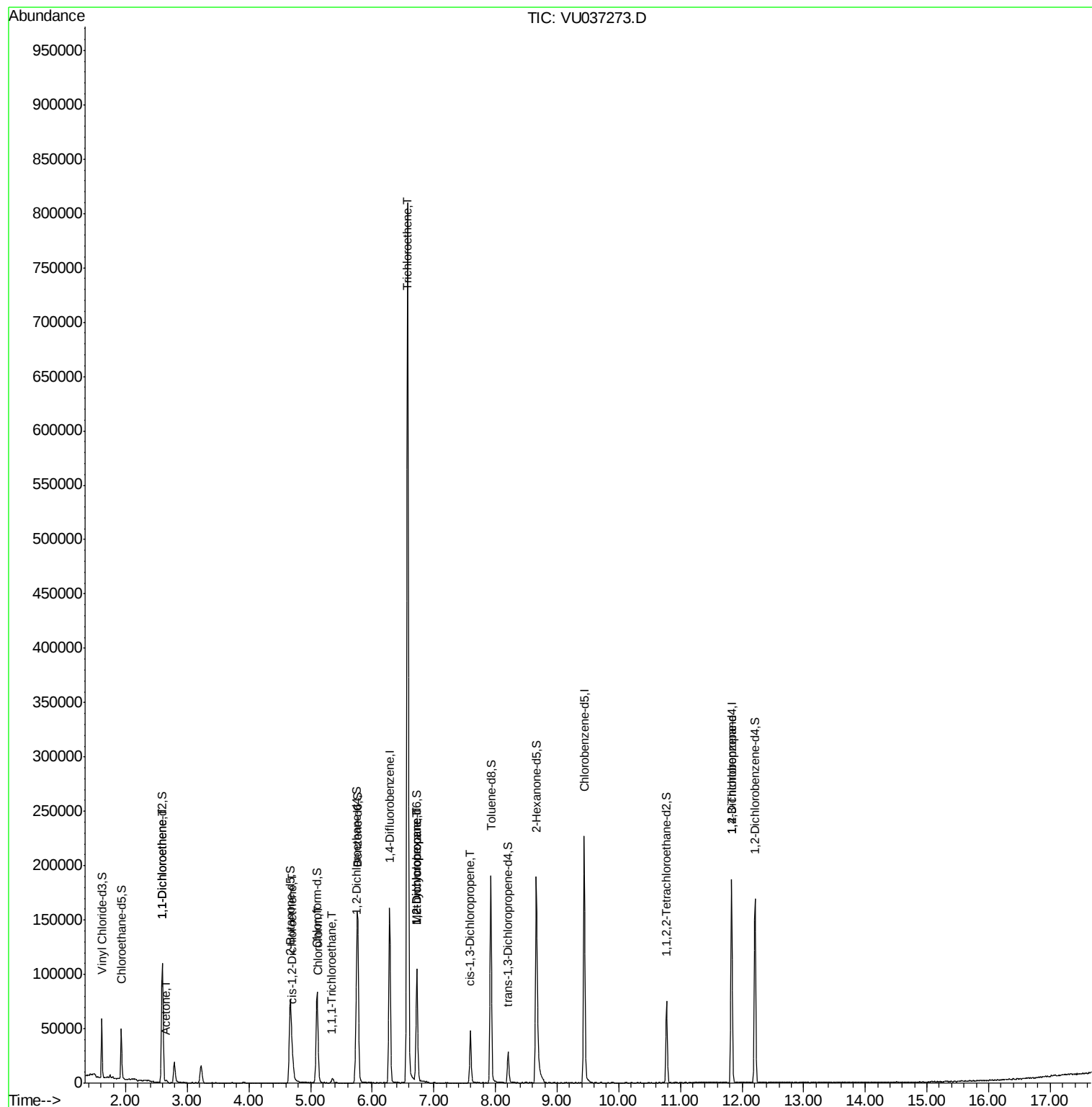
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.61	96	15880	2.027	ug/L #	79
13) Acetone	2.66	43	2671	1.617	ug/L	90
22) cis-1,2-Dichloroethene	4.71	96	7381	0.810	ug/L	89
25) Chloroform	5.13	83	3594	0.196	ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	3247	0.211	ug/L	94
34) Trichloroethene	6.57	95	267834	27.972	ug/L	98
35) Methylcyclohexane	6.73	83	10925	0.738	ug/L #	15
37) 1,2-Dichloropropane	6.72	63	5789	0.620	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1217	0.091	ug/L #	36
59) 1,2,3-Trichloropropane	11.83	75	6751	1.011	ug/L	99

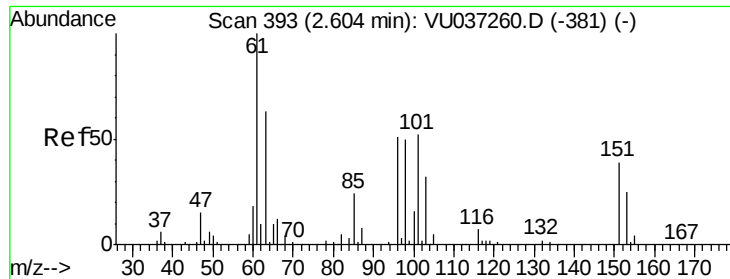
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.027 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU037273.D

Acq: 14 Mar 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

C0NG6

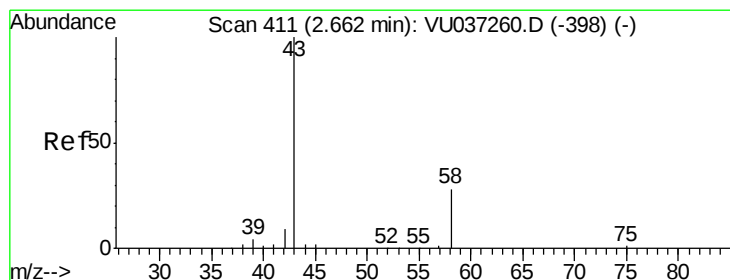
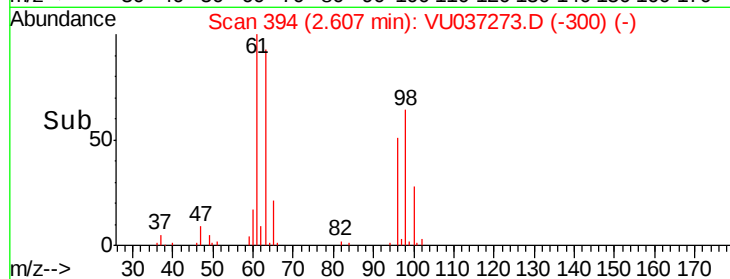
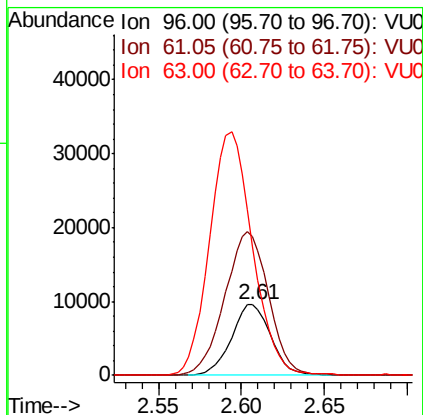
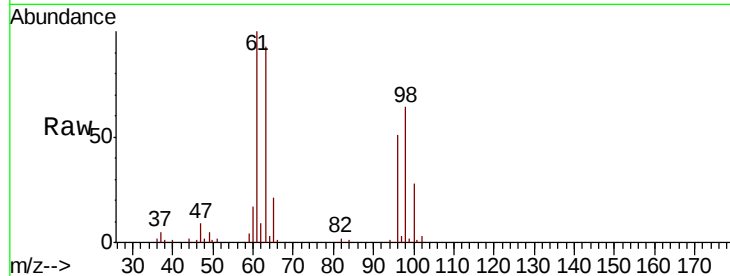
Tot Ion: 96 Resp: 15880

Ion Ratio Lower Upper

96 100

61 196.3 136.4 253.2

63 182.8 86.2 160.0#



#13

Acetone

Concen: 1.617 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU037273.D

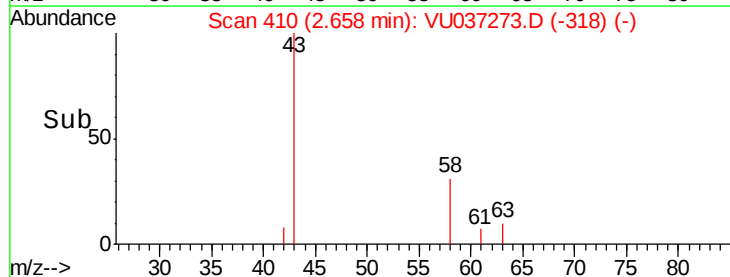
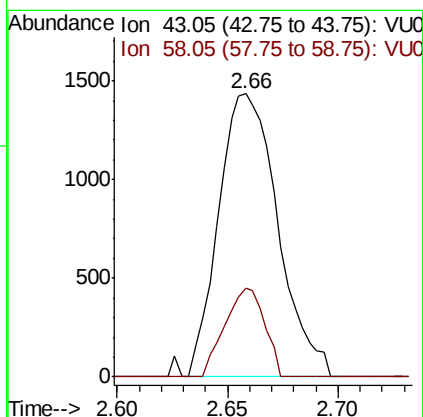
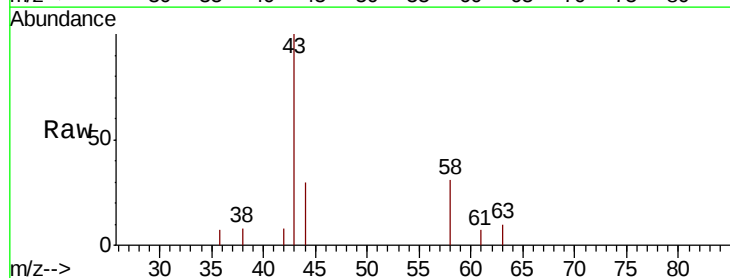
Acq: 14 Mar 2020 19:27

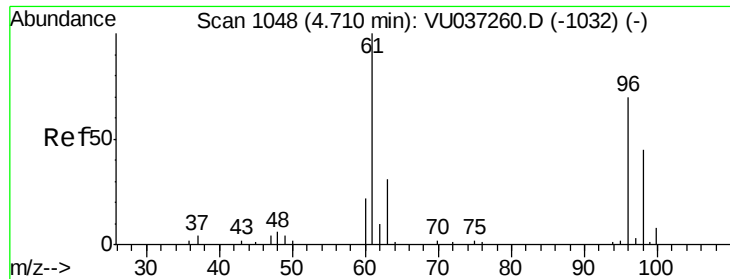
Tgt Ion: 43 Resp: 2671

Ion Ratio Lower Upper

43 100

58 21.0 0.0 52.2





#22

cis-1,2-Dichloroethene

Concen: 0.810 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU037273.D

Acq: 14 Mar 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

C0NG6

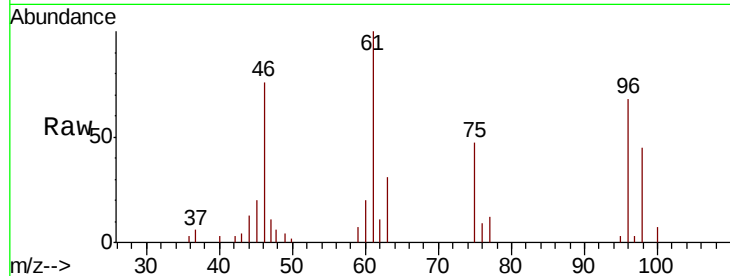
Tot Ion: 96 Resp: 7381

Ion Ratio Lower Upper

96 100

61 147.5 94.1 174.8

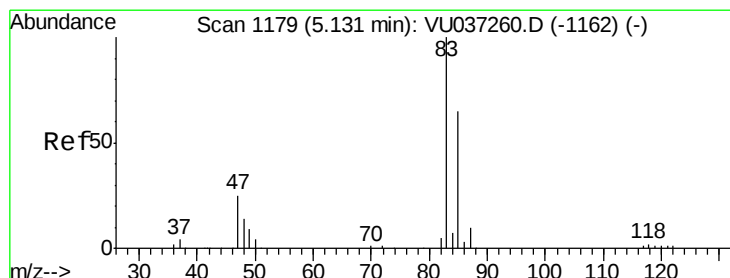
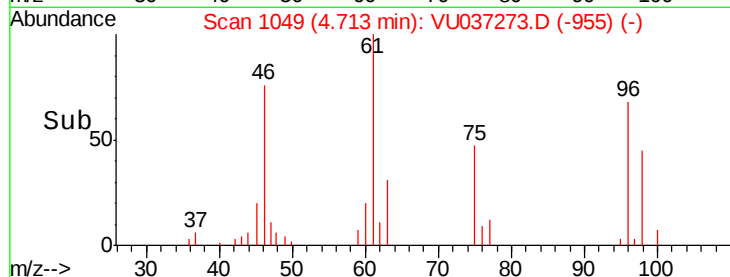
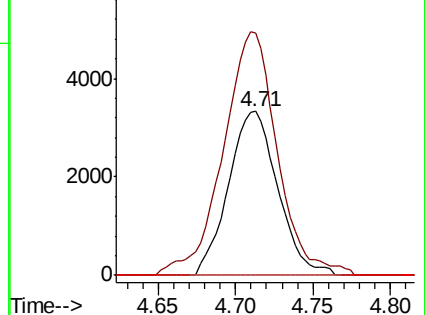
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#25

Chloroform

Concen: 0.196 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037273.D

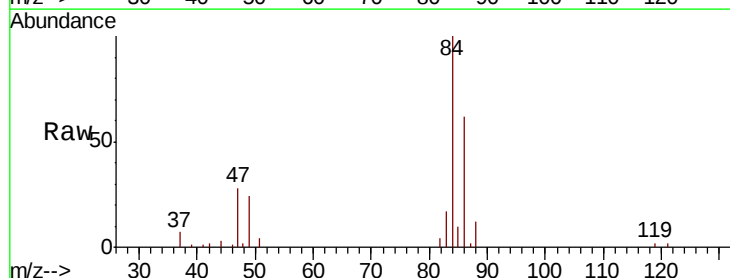
Acq: 14 Mar 2020 19:27

Tgt Ion: 83 Resp: 3594

Ion Ratio Lower Upper

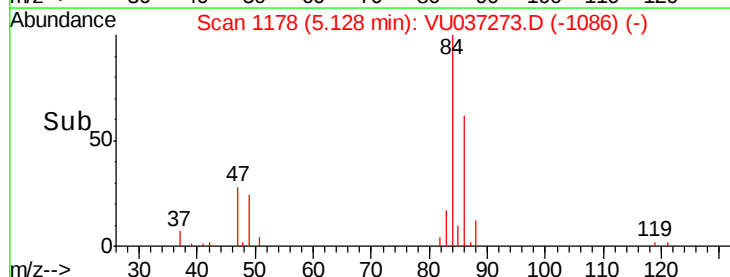
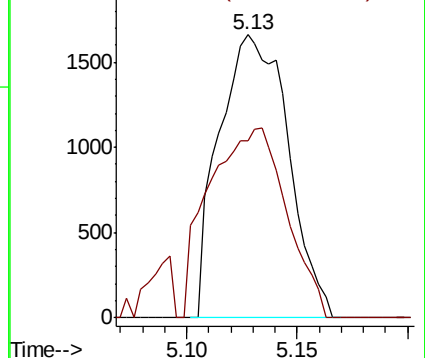
83 100

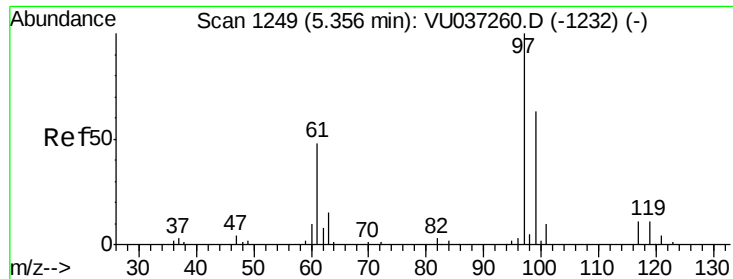
85 62.4 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

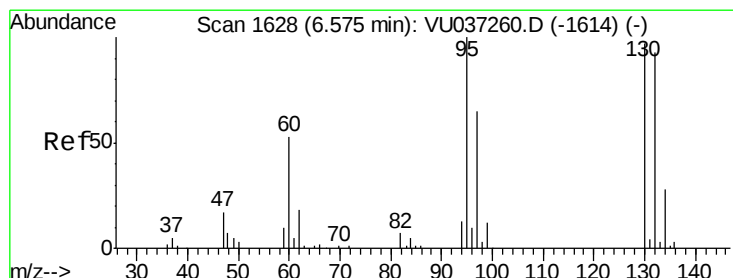
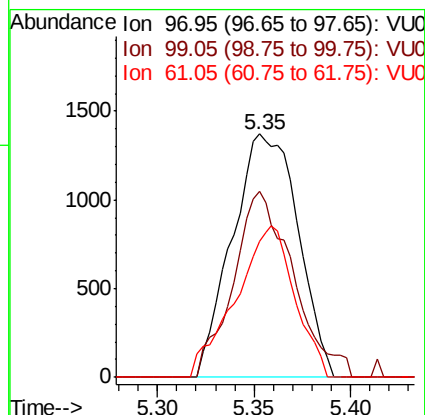
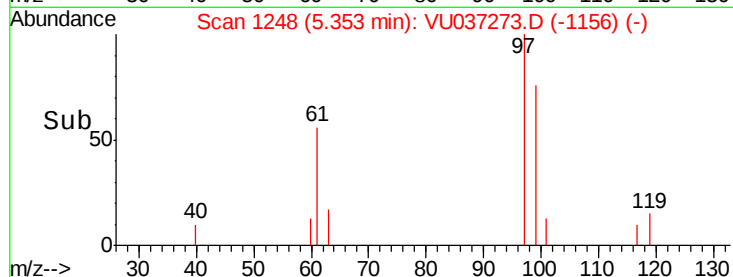
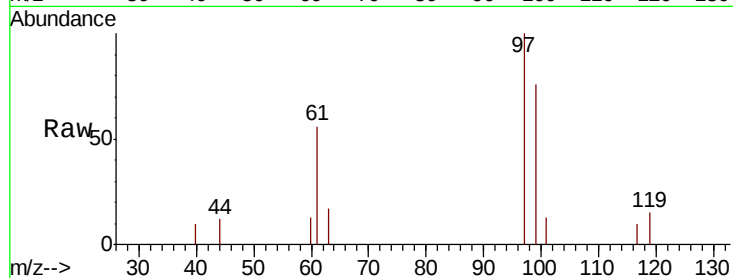




#29
1,1,1-Trichloroethane
Concen: 0.211 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037273.D
Acq: 14 Mar 2020 19:27

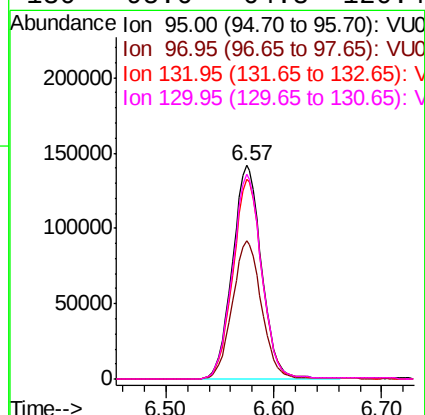
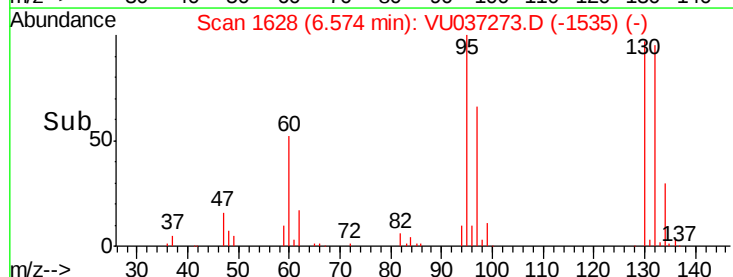
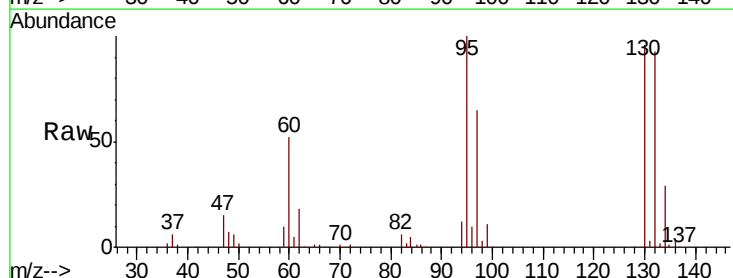
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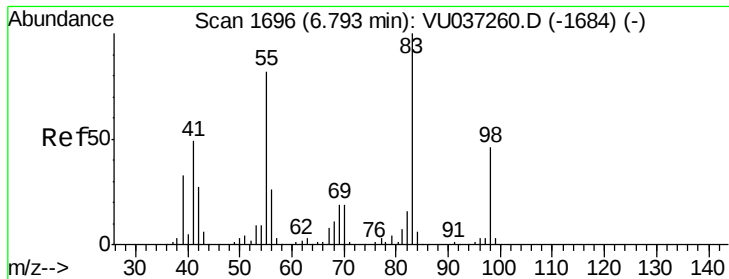
Tot Ion: 97 Resp: 3247
Ion Ratio Lower Upper
97 100
99 69.5 52.4 78.6
61 55.7 40.6 61.0



#34
Trichloroethene
Concen: 27.972 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU037273.D
Acq: 14 Mar 2020 19:27

Tgt Ion: 95 Resp: 267834
Ion Ratio Lower Upper
95 100
97 64.7 45.4 84.4
132 93.4 63.7 118.3
130 95.6 64.8 120.4

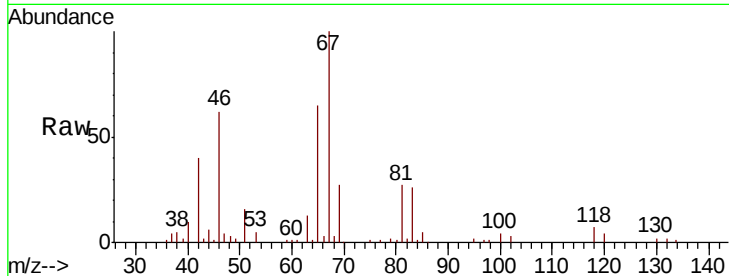




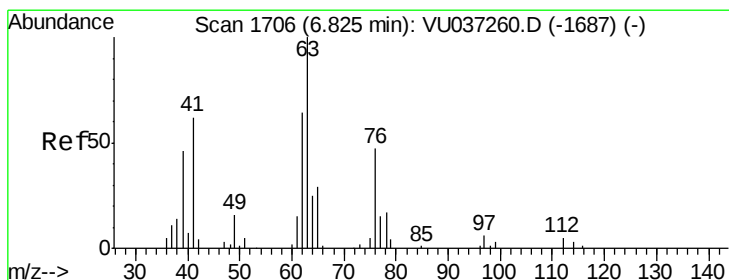
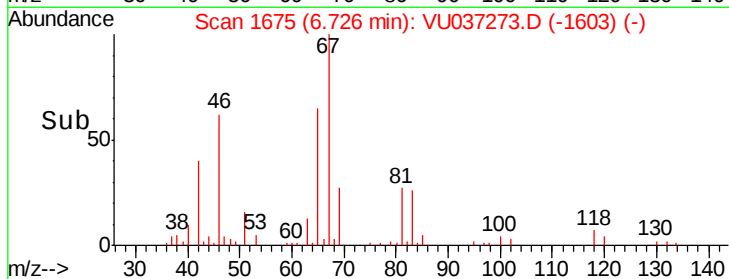
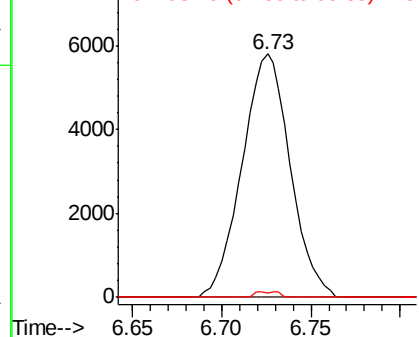
#35
Methvlcvclohexane
Concen: 0.738 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037273.D
Acq: 14 Mar 2020 19:27

Instrument :
MSVOA_U
ClientSampleId :
C0NG6

Tot Ion: 83 Resp: 10925
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 0.0 37.0 55.4#

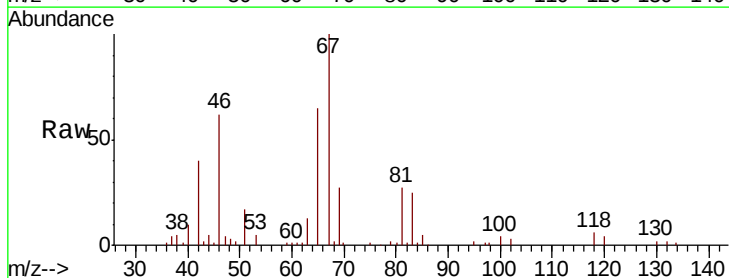


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

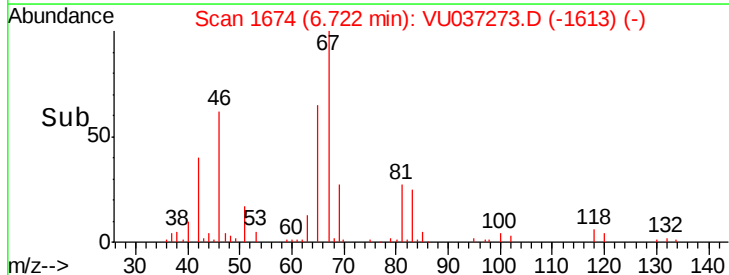
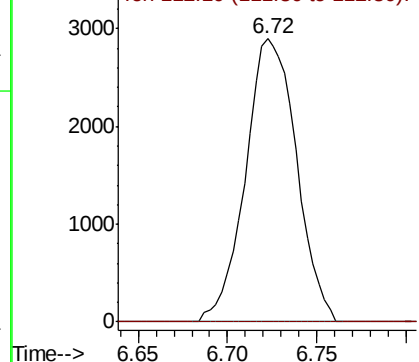


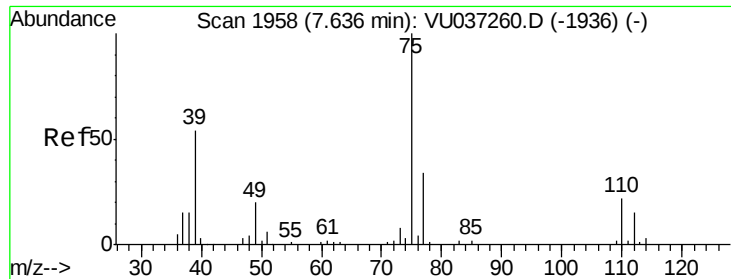
#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037273.D
Acq: 14 Mar 2020 19:27

Tgt Ion: 63 Resp: 5789
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: 0.091 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037273.D

Acq: 14 Mar 2020 19:27

Instrument :

MSVOA_U

ClientSampleId :

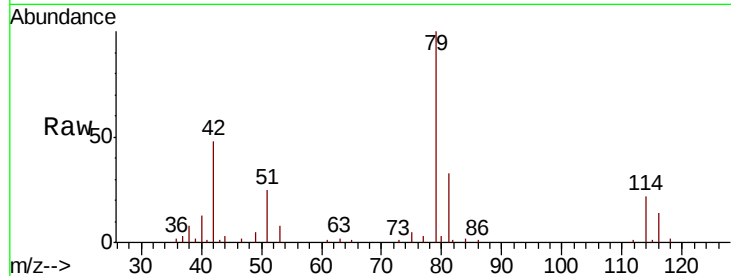
C0NG6

Tot Ion: 75 Resp: 1217

Ion Ratio Lower Upper

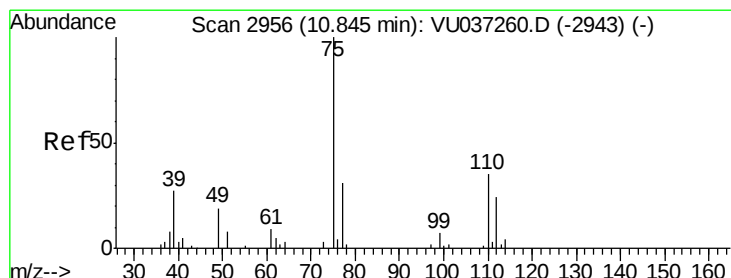
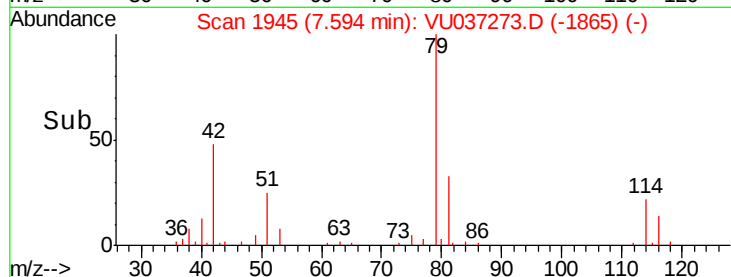
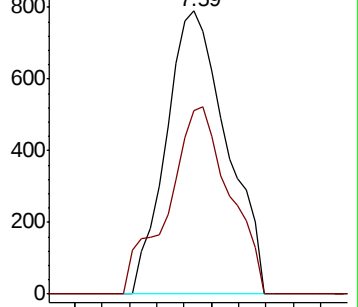
75 100

77 64.7 21.1 39.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.011 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037273.D

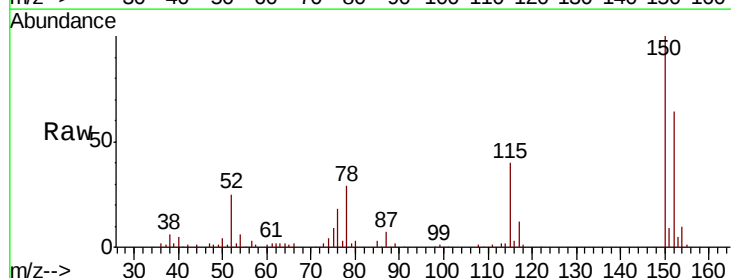
Acq: 14 Mar 2020 19:27

Tgt Ion: 75 Resp: 6751

Ion Ratio Lower Upper

75 100

77 35.0 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

