

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042220\
 Data File : VU037854.D
 Acq On : 22 Apr 2020 19:45
 Operator : JC/MD
 Sample : L2388-13
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 23 01:40:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 01:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	277684	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	268762	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132404	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70569	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	1.93	69	70868	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.59	63	97410	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	4.66	46	325625	56.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.86%
24) Chloroform-d	5.10	84	158483	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.74	65	95956	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	318815	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.72	67	114968	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.92	98	270890	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.20	79	44785	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.65	63	269452	49.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	91143	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	110046	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

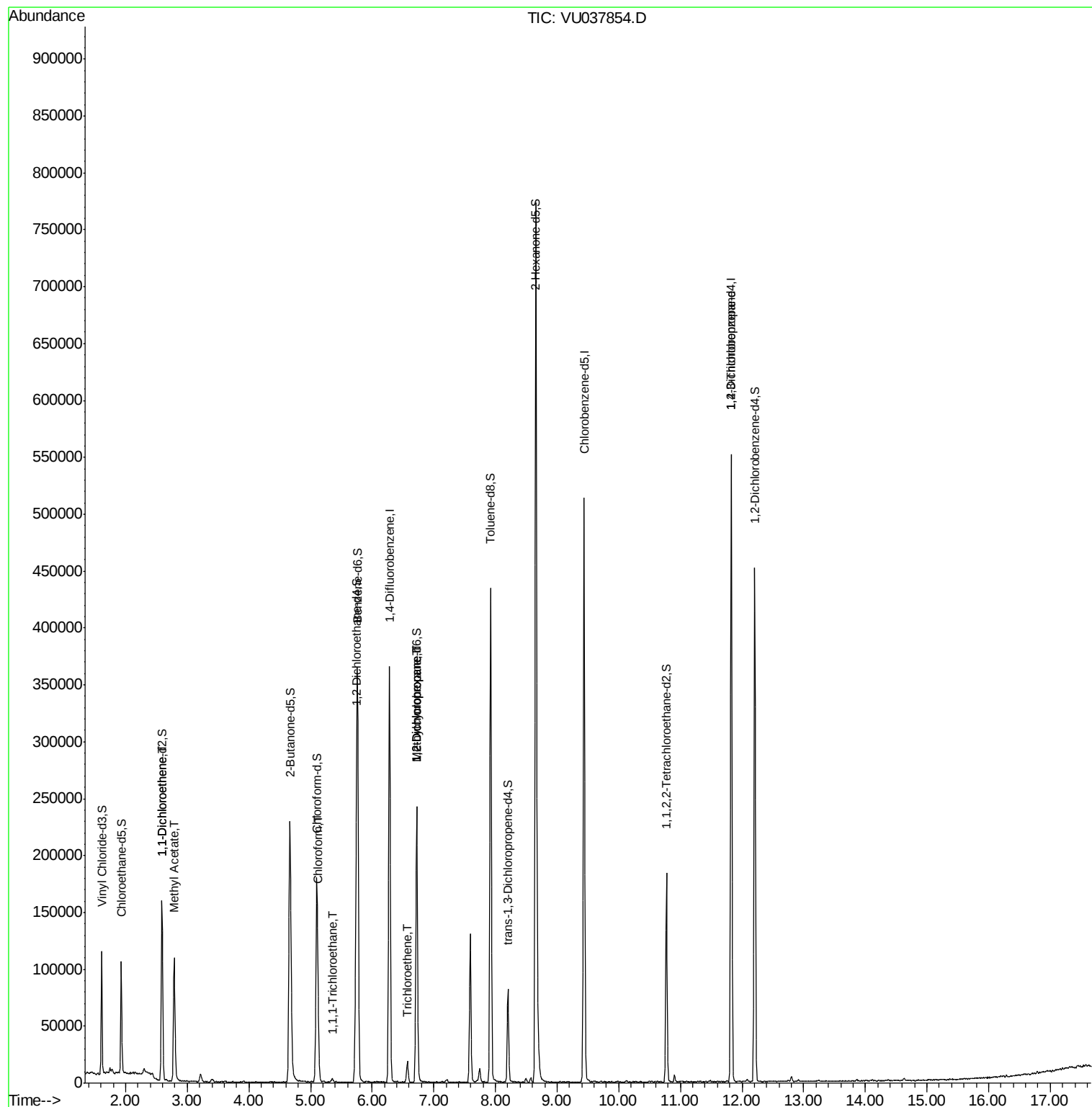
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1524	0.080 ug/L #	1
15) Methyl Acetate	2.79	43	27584	2.607 ug/L #	54
25) Chloroform	5.12	83	18719	0.490 ug/L	96
29) 1,1,1-Trichloroethane	5.36	97	2263	0.069 ug/L	92
34) Trichloroethene	6.57	95	5553	0.254 ug/L	94
35) Methylcyclohexane	6.72	83	24875	0.650 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11968	0.508 ug/L #	87
59) 1,2,3-Trichloropropane	11.83	75	18532	1.202 ug/L	91

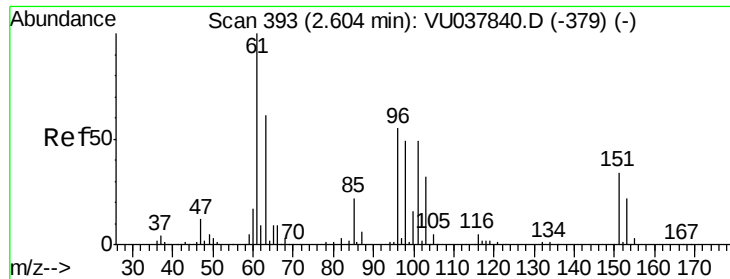
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
ClientSampleId :

Quant Time: Apr 23 01:40:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 23 01:37:32 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037854.D

Acq: 22 Apr 2020 19:45

Instrument :
MSVOA_U
ClientSampled :

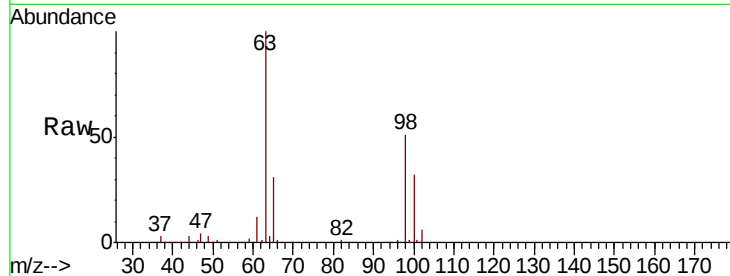
Tot Ion: 96 Resp: 1524

Ion Ratio Lower Upper

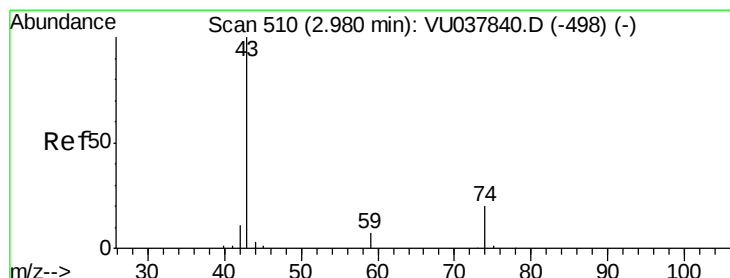
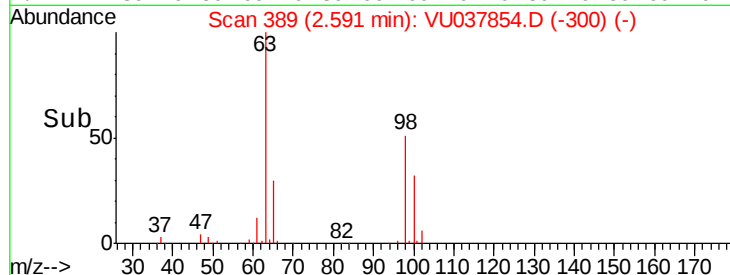
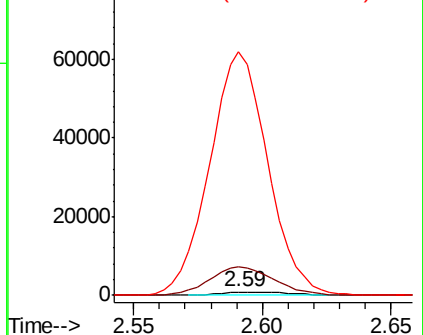
96 100

61 940.4 127.7 237.3#

63 7896.9 85.0 157.8#



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



#15

Methyl Acetate

Concen: 2.607 ug/L

RT: 2.79 min Scan# 450

Delta R.T. -0.19 min

Lab File: VU037854.D

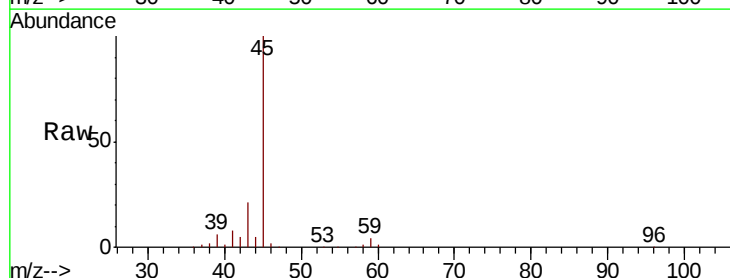
Acq: 22 Apr 2020 19:45

Tgt Ion: 43 Resp: 27584

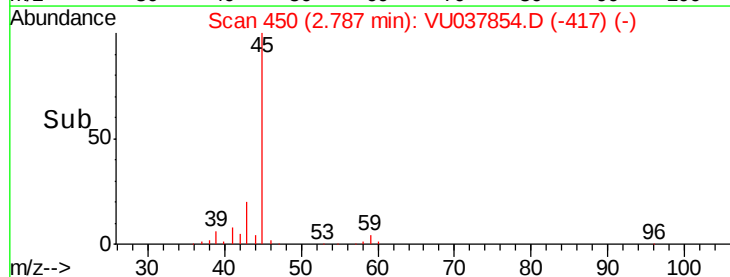
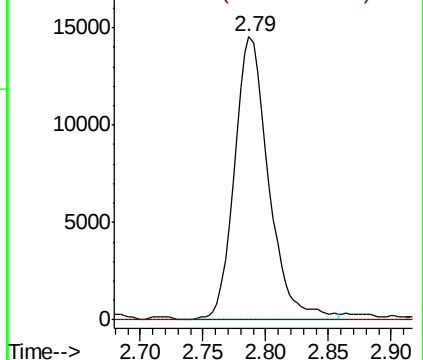
Ion Ratio Lower Upper

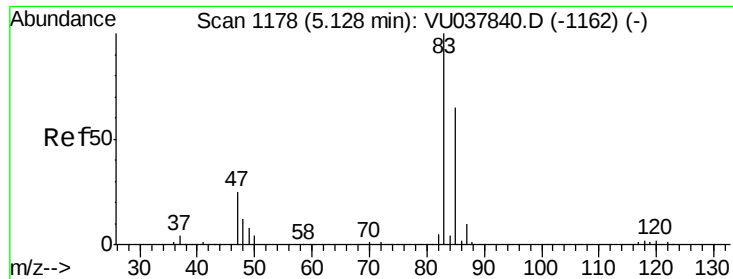
43 100

74 0.0 17.2 25.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 74.05 (73.75 to 74.75): VU0

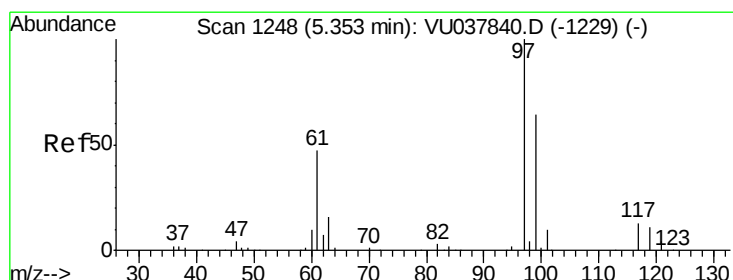
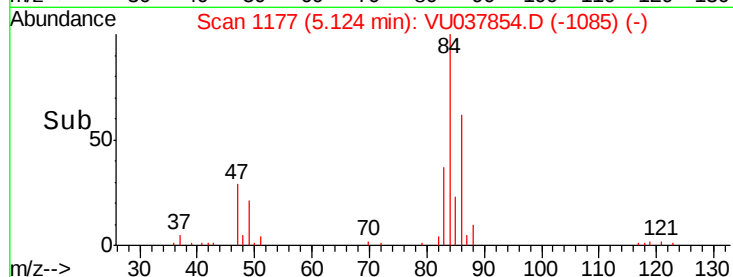
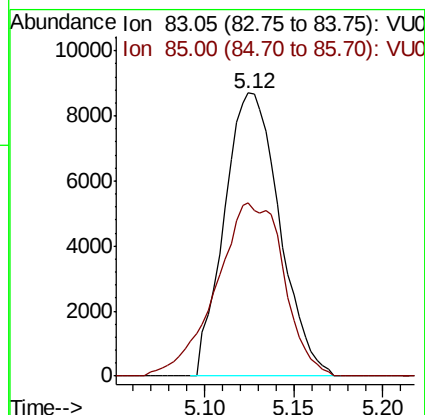
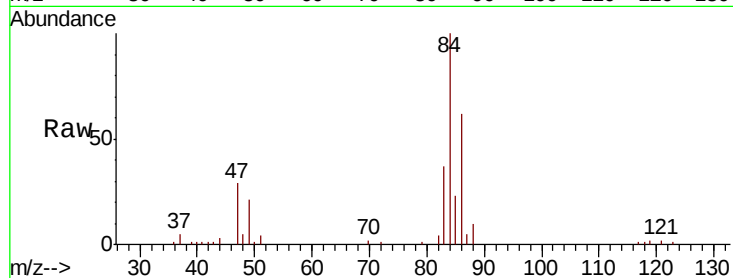




#25
Chloroform
Concen: 0.490 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037854.D
Acq: 22 Apr 2020 19:45

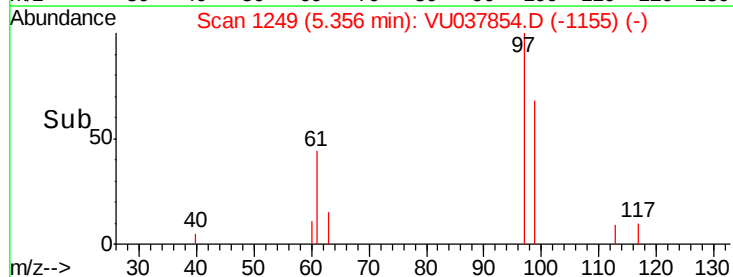
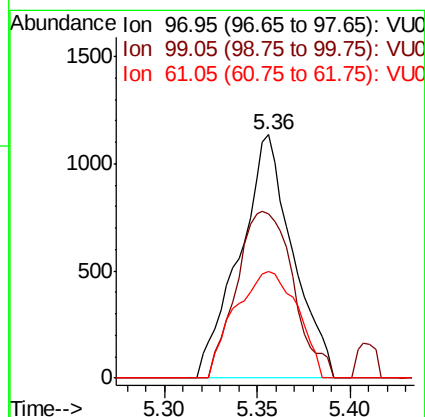
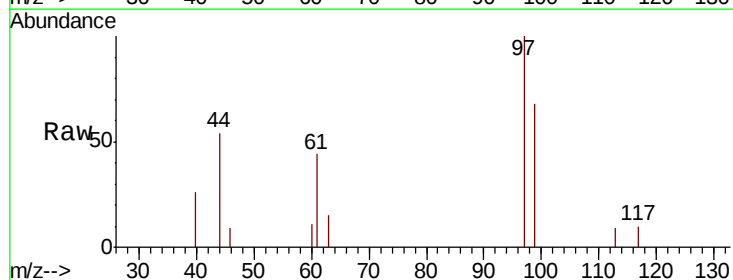
Instrument :
MSVOA_U
ClientSampleId :

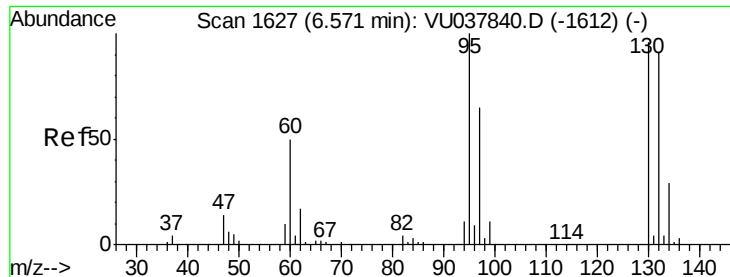
Tot Ion: 83 Resp: 18719
Ion Ratio Lower Upper
83 100
85 61.1 44.9 83.3



#29
1,1,1-Trichloroethane
Concen: 0.069 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU037854.D
Acq: 22 Apr 2020 19:45

Tgt Ion: 97 Resp: 2263
Ion Ratio Lower Upper
97 100
99 72.9 52.0 78.0
61 51.2 37.8 56.8





#34

Trichloroethene

Concen: 0.254 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037854.D

Acq: 22 Apr 2020 19:45

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 5553

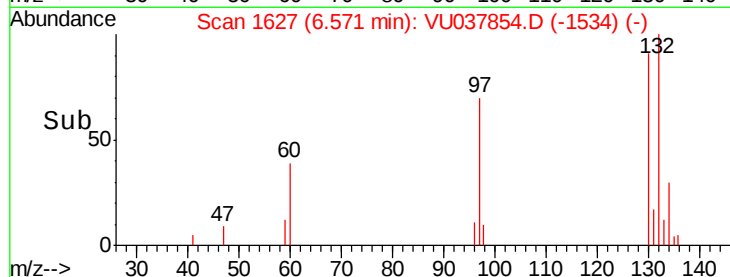
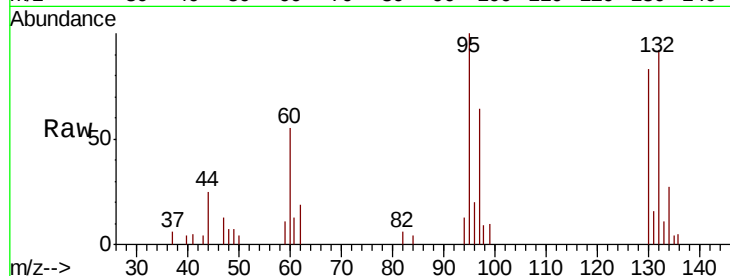
Ion Ratio Lower Upper

95 100

97 64.1 45.4 84.2

132 91.9 63.7 118.3

130 83.4 68.7 127.5

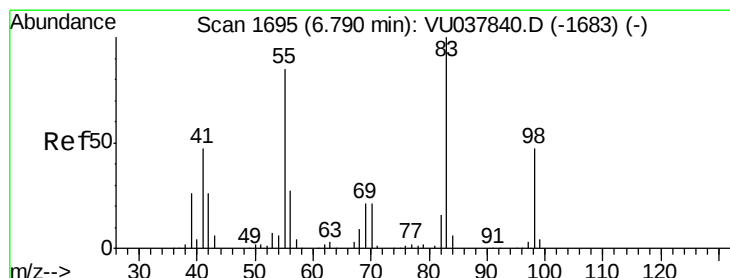
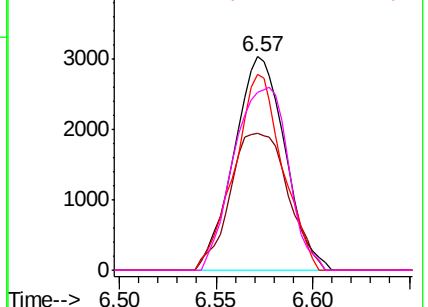


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.650 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037854.D

Acq: 22 Apr 2020 19:45

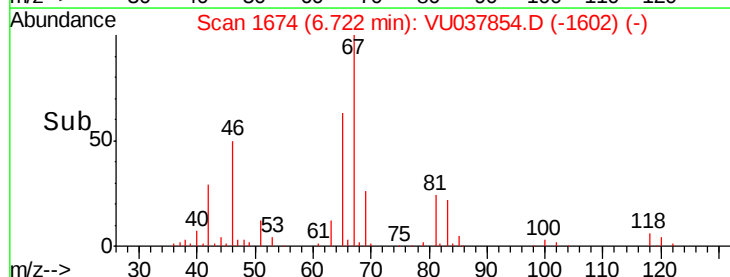
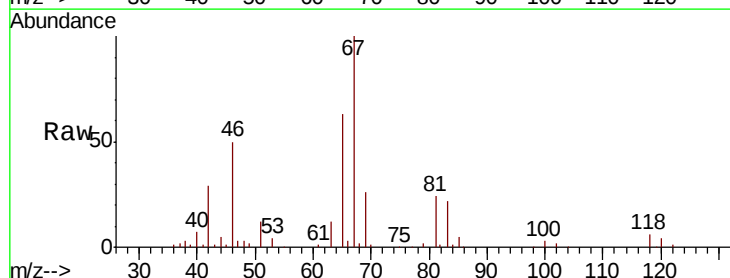
Tgt Ion: 83 Resp: 24875

Ion Ratio Lower Upper

83 100

55 0.8 65.5 98.3#

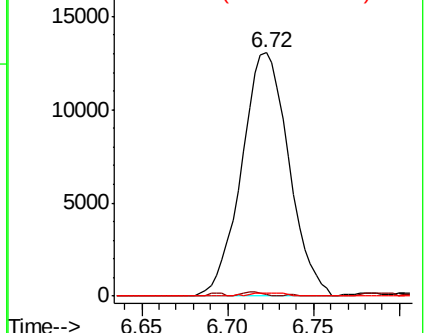
98 1.0 38.2 57.4#

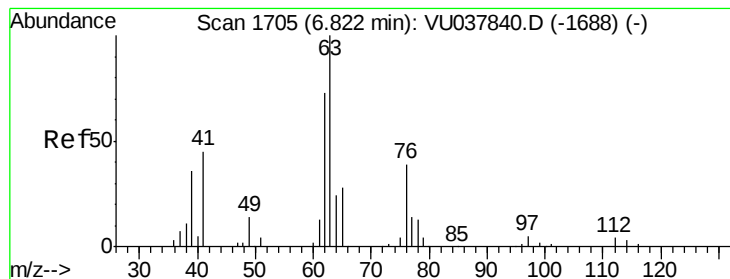


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.508 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037854.D

Acq: 22 Apr 2020 19:45

Instrument :

MSVOA_U

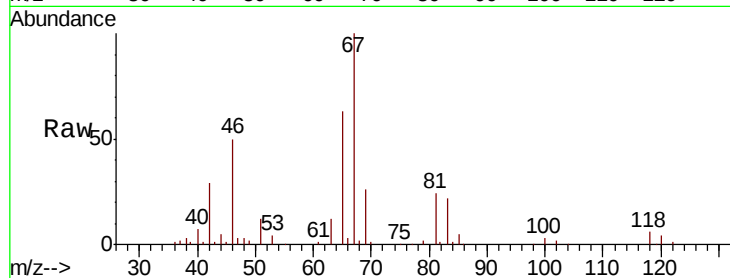
ClientSampleId :

Tot Ion: 63 Resp: 11968

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

6.72

8000

6000

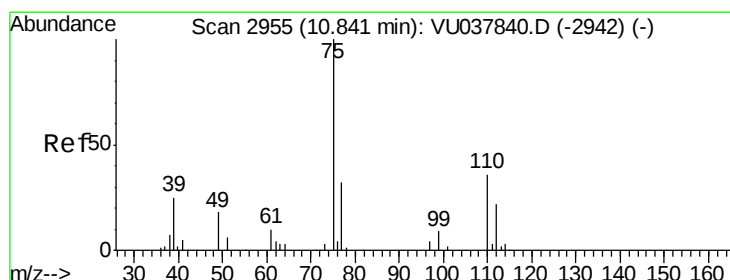
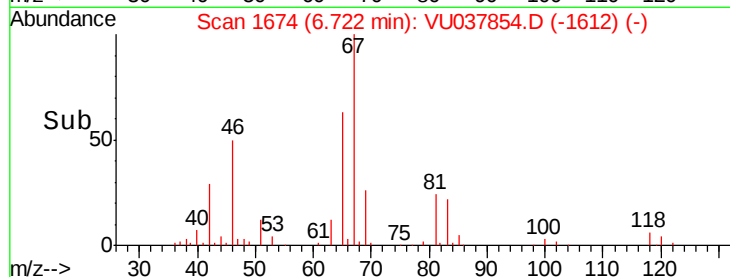
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.202 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037854.D

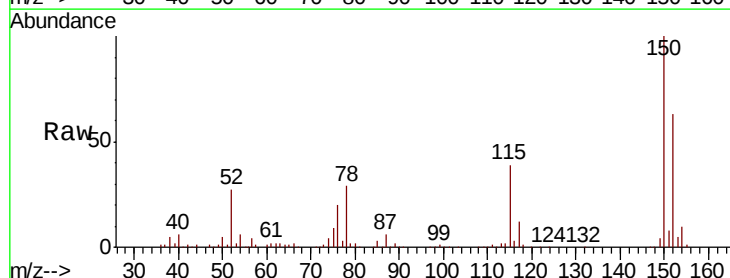
Acq: 22 Apr 2020 19:45

Tgt Ion: 75 Resp: 18532

Ion Ratio Lower Upper

75 100

77 36.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

10000

5000

0

11.75 11.80 11.85 11.90

Time-->

