

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039107.D
 Acq On : 25 Jun 2020 11:48
 Operator : SY/MD
 Sample : L3110-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F73

Quant Time: Jun 26 01:01:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	241236	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	249376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	104762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89177	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.93	69	81584	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.59	63	133839	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.67	46	382423	59.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.96%
24) Chloroform-d	5.10	84	193861	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	5.74	65	120032	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.76	84	371852	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.72	67	125321	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.92	98	284389	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.20	79	50088	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.65	63	296495	56.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112341	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	111530	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

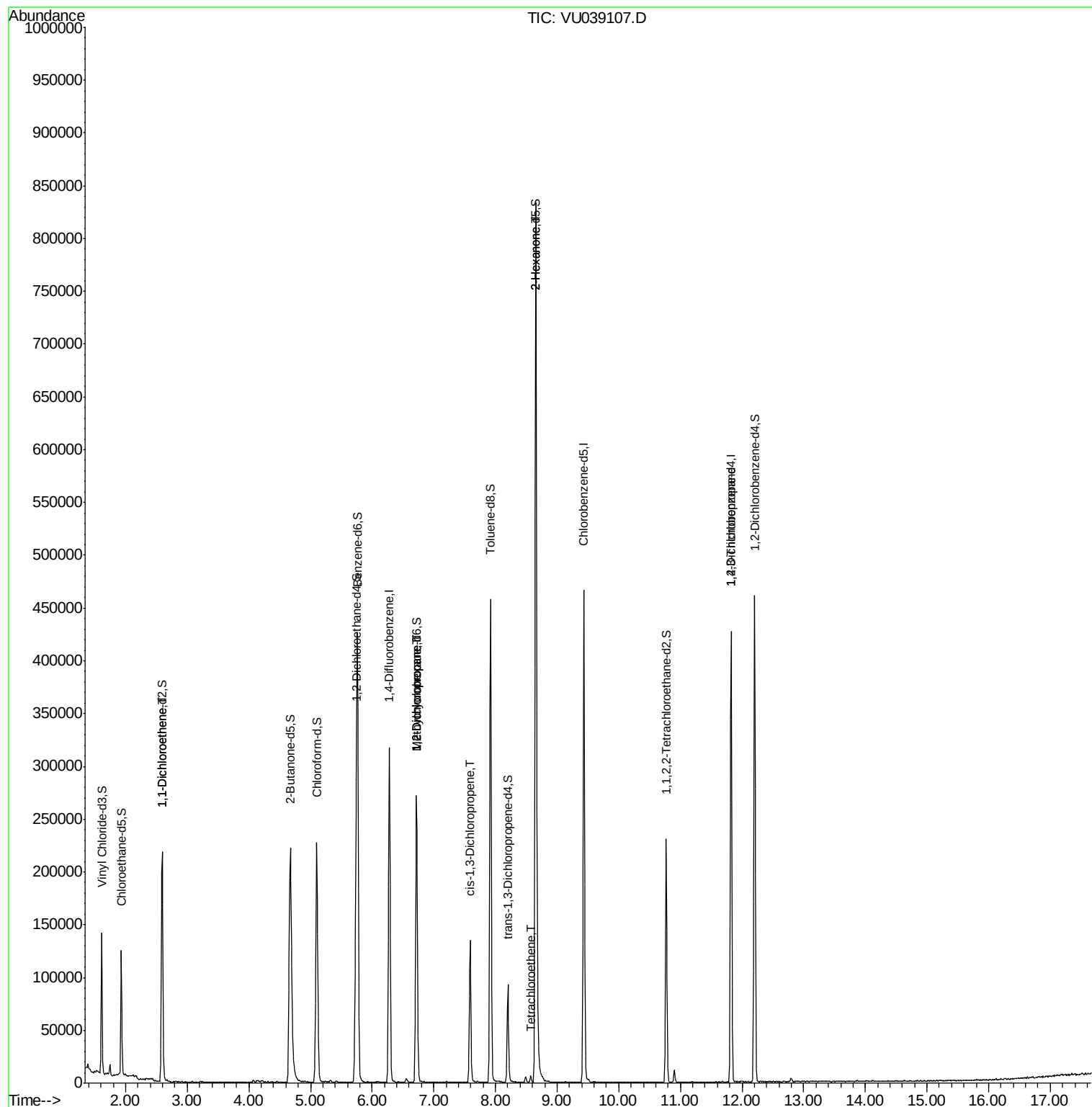
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1118	0.067 ug/L #	1
35) Methylcyclohexane	6.72	83	29094	1.035 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14593	0.687 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3416	0.116 ug/L #	59
47) Tetrachloroethene	8.57	164	1333	0.098 ug/L #	73
48) 2-Hexanone	8.65	43	35984	3.098 ug/L #	68
59) 1,2,3-Trichloropropane	11.82	75	14799	0.925 ug/L	93

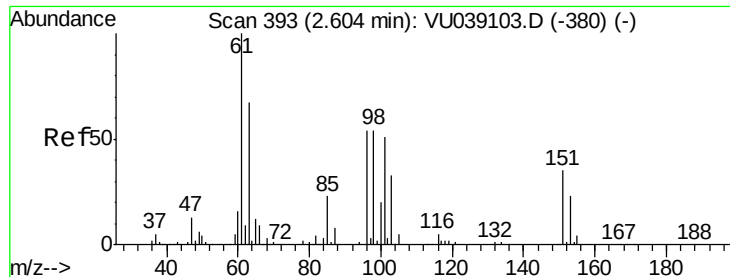
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 00:59:08 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU039107.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_U

ClientSampled :

F9F73

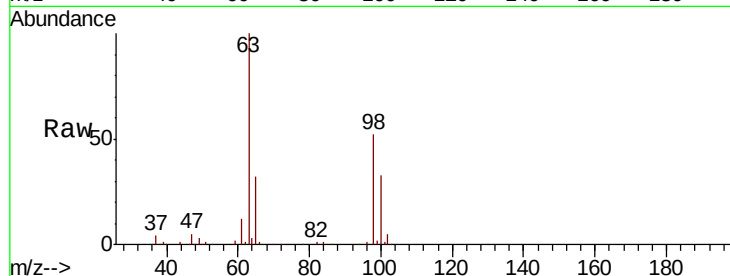
Tot Ion: 96 Resp: 1118

Ion Ratio Lower Upper

96 100

61 1108.7 125.1 232.3#

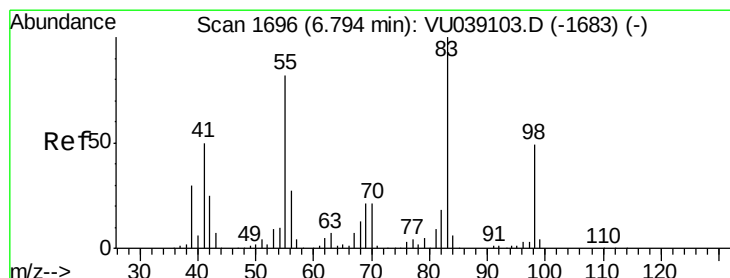
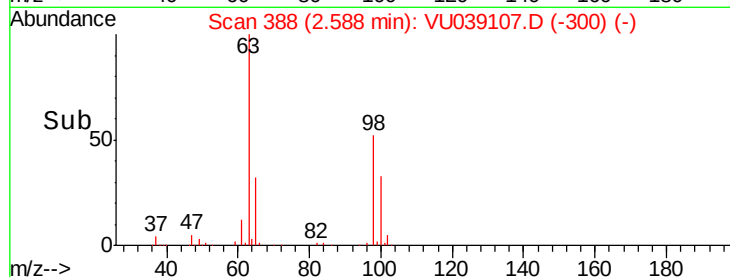
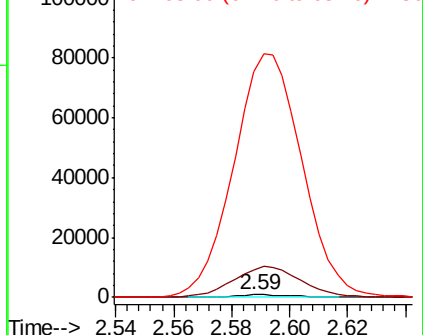
63 8984.2 82.3 152.8#



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



#35

Methylcyclohexane

Concen: 1.035 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039107.D

Acq: 25 Jun 2020 11:48

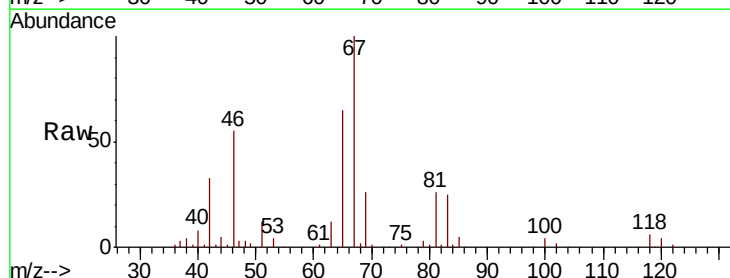
Tgt Ion: 83 Resp: 29094

Ion Ratio Lower Upper

83 100

55 0.1 65.5 98.3#

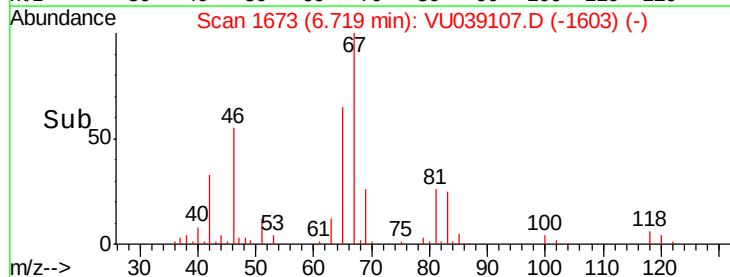
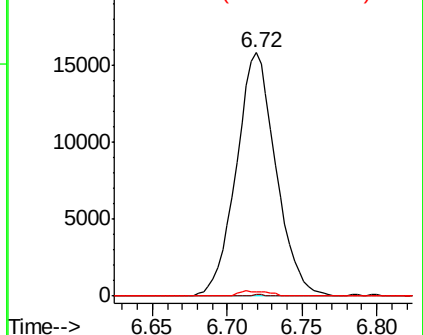
98 1.6 36.5 54.7#

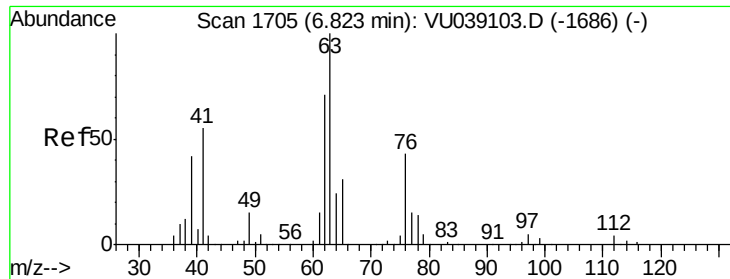


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

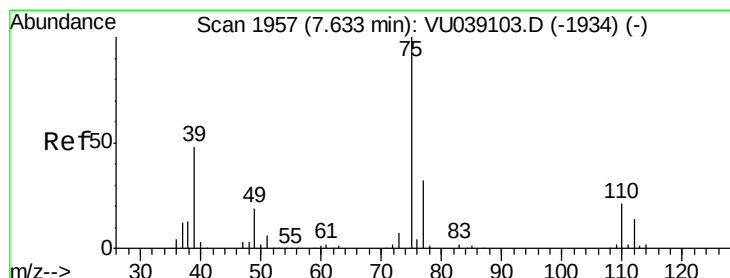
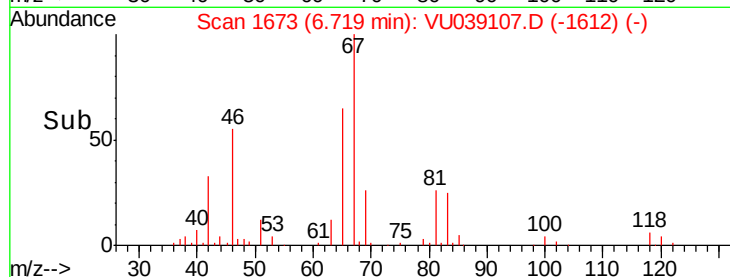
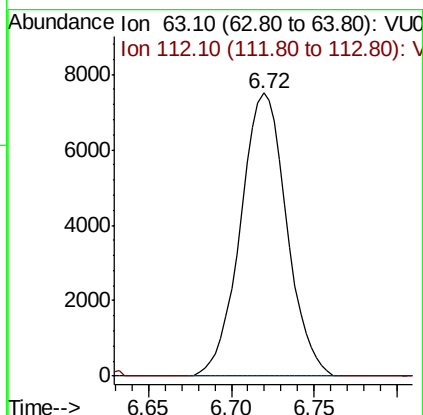
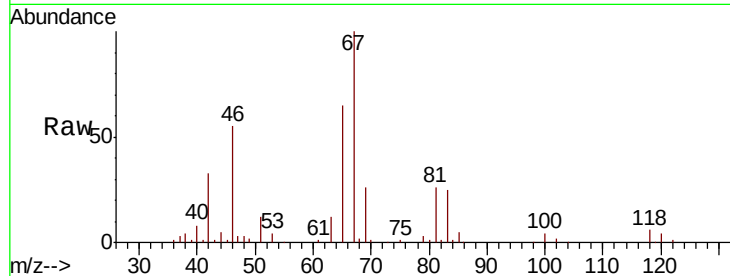




#37
 1,2-Dichloropropane
 Concen: 0.687 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039107.D
 Acq: 25 Jun 2020 11:48

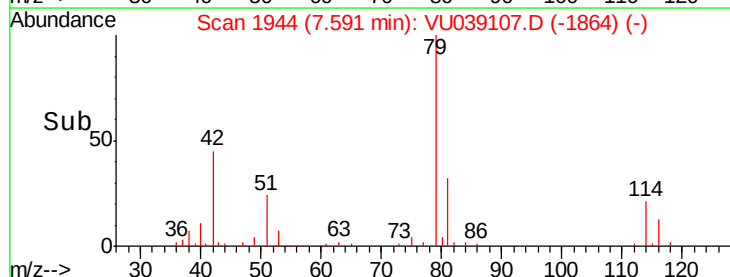
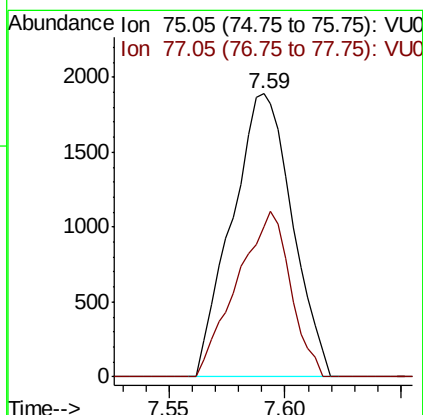
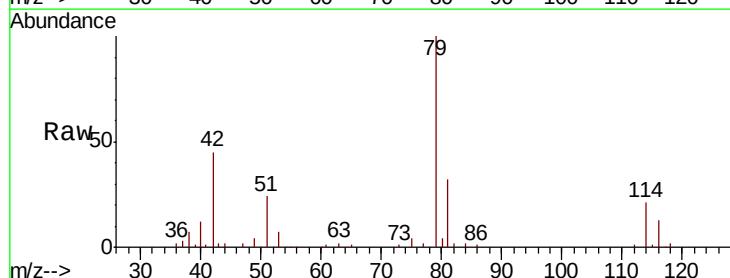
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F73

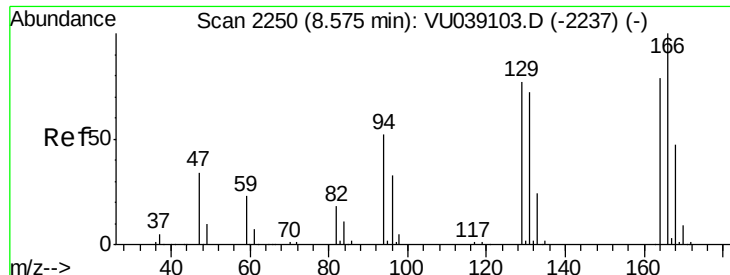
Tot Ion: 63 Resp: 14593
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039107.D
 Acq: 25 Jun 2020 11:48

Tgt Ion: 75 Resp: 3416
 Ion Ratio Lower Upper
 75 100
 77 53.1 21.6 40.0#





#47

Tetrachloroethene

Concen: 0.098 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039107.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_U

ClientSampleId :

F9F73

Tot Ion:164 Resp: 1333

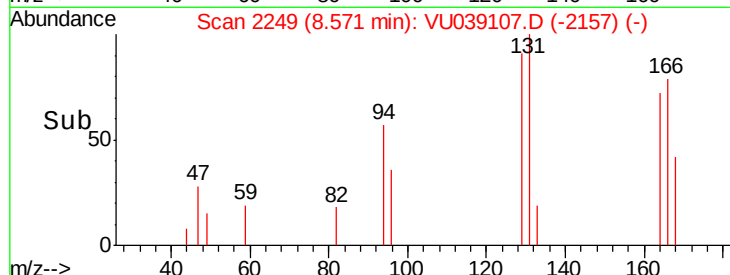
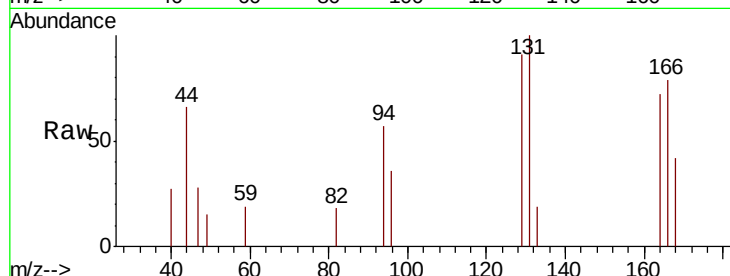
Ion Ratio Lower Upper

164 100

129 126.3 71.3 132.5

131 139.1 68.3 126.8#

166 109.3 90.8 168.6

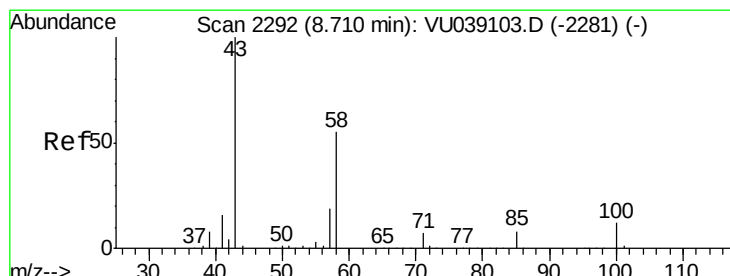
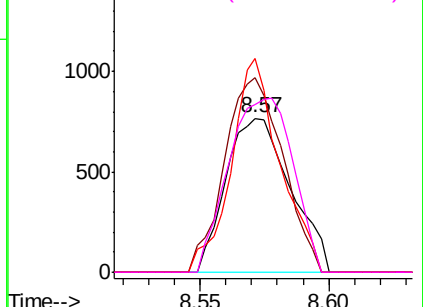


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.098 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU039107.D

Acq: 25 Jun 2020 11:48

Tgt Ion: 43 Resp: 35984

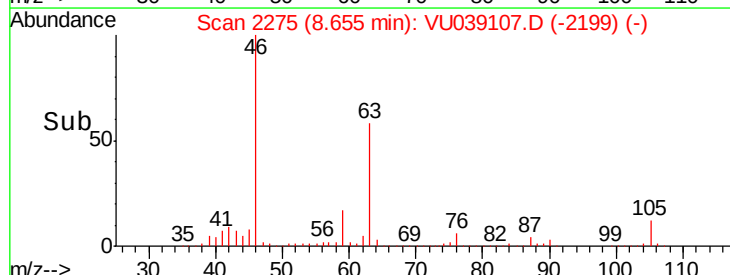
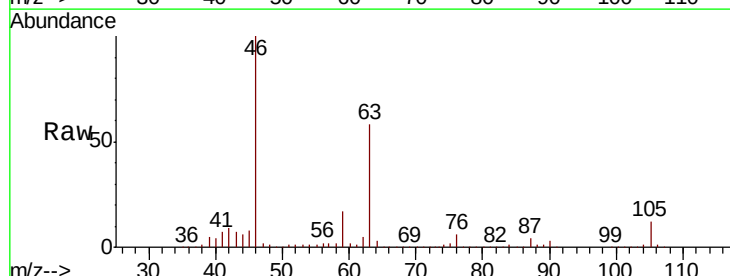
Ion Ratio Lower Upper

43 100

58 31.1 44.0 66.0#

57 34.5 15.0 22.6#

100 2.0 9.4 14.2#

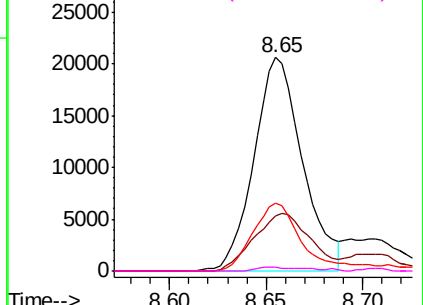


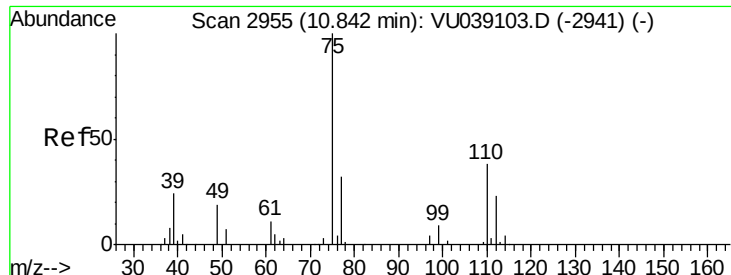
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.925 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039107.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_U

ClientSampleId :

F9F73

Tot Ion: 75 Resp: 14799

Ion Ratio Lower Upper

75 100

77 36.4 26.2 39.2

