

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039080.D
 Acq On : 24 Jun 2020 23:09
 Operator : SY/MD
 Sample : L3109-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F60

Quant Time: Jun 25 02:37:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258908	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	107755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100187	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.93	69	92231	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.80%
11) 1,1-Dichloroethene-d2	2.59	63	149614	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.67	46	410849	60.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.08%
24) Chloroform-d	5.10	84	204089	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.74	65	126555	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	399025	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.72	67	132498	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.92	98	316716	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
43) trans-1,3-Dichloropropene-	8.20	79	53503	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.65	63	314141	58.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.50%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120042	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	119420	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

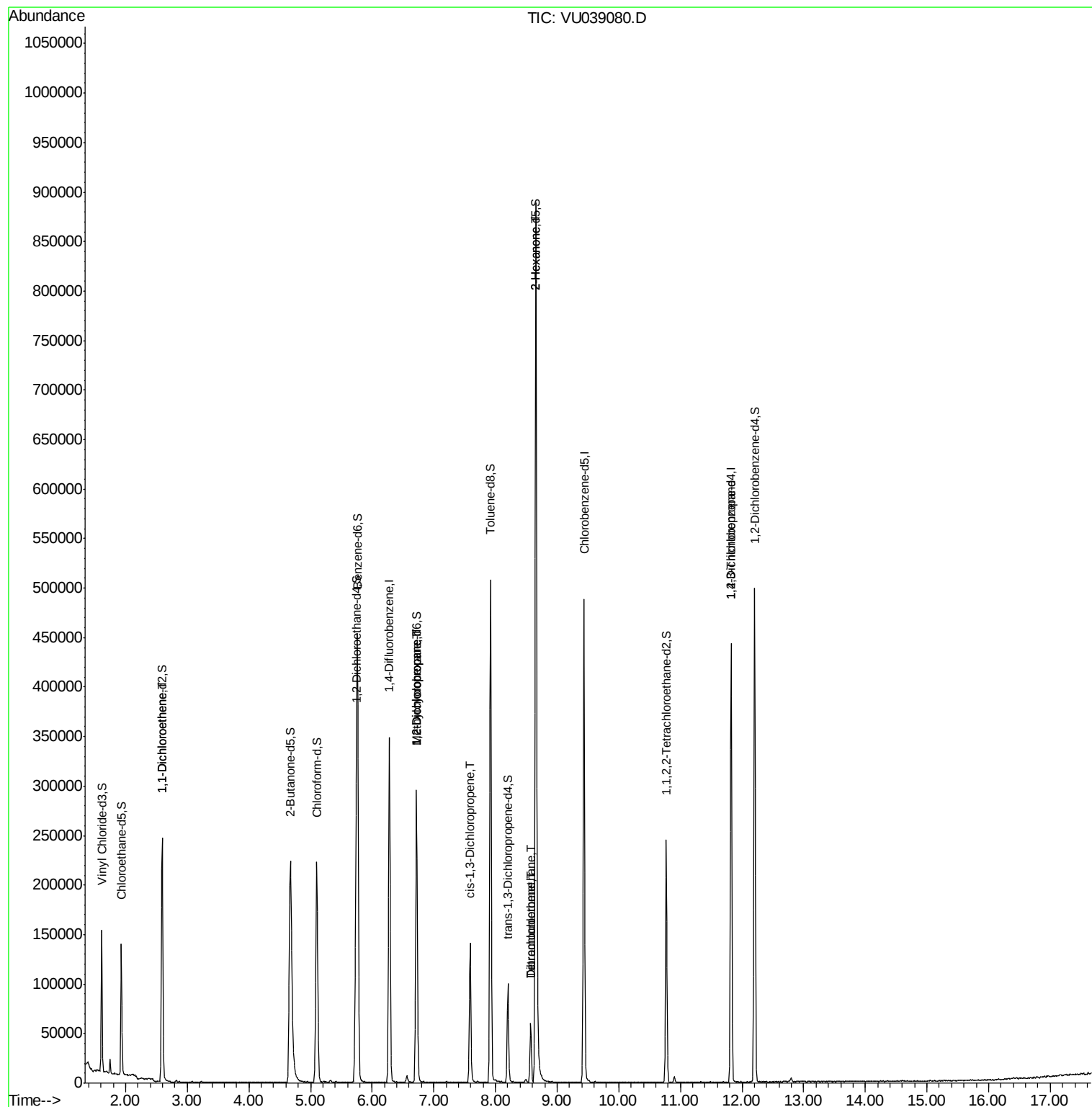
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1137	0.063 ug/L #	1
35) Methylcyclohexane	6.72	83	31865	1.105 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15211	0.698 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3681	0.122 ug/L #	48
47) Tetrachloroethene	8.57	164	11964	0.854 ug/L	90
48) 2-Hexanone	8.65	43	37493	3.147 ug/L #	70
49) Dibromochloromethane	8.57	129	12032	0.684 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	15559	0.948 ug/L	93

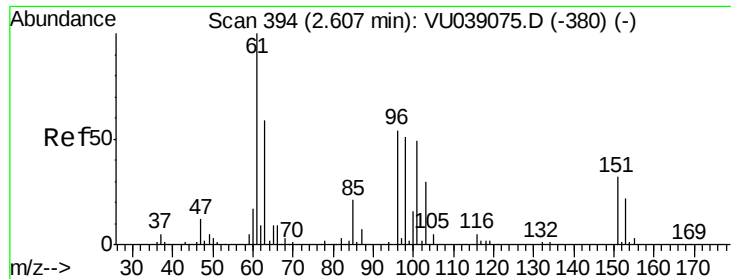
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU039080.D

Acq: 24 Jun 2020 23:09

Instrument :

MSVOA_U

ClientSampleId :

F9F60

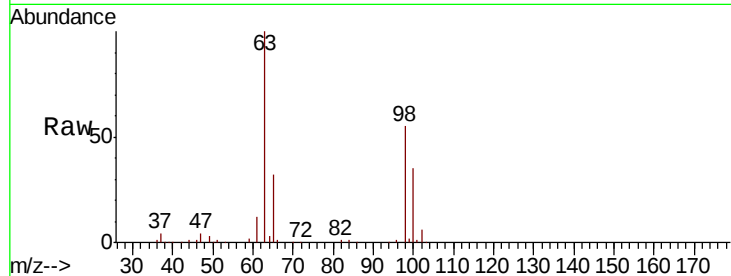
Tot Ion: 96 Resp: 1137

Ion Ratio Lower Upper

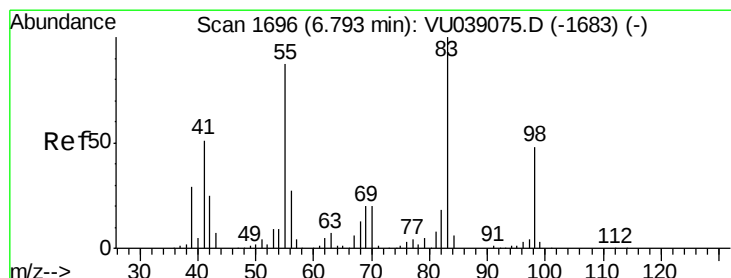
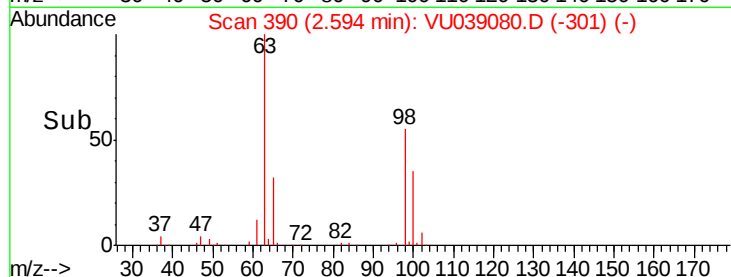
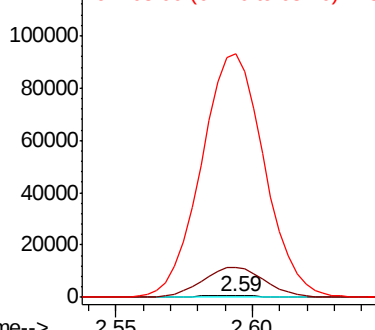
96 100

61 1880.4 125.1 232.3#

63 15062.8 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: 1.105 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039080.D

Acq: 24 Jun 2020 23:09

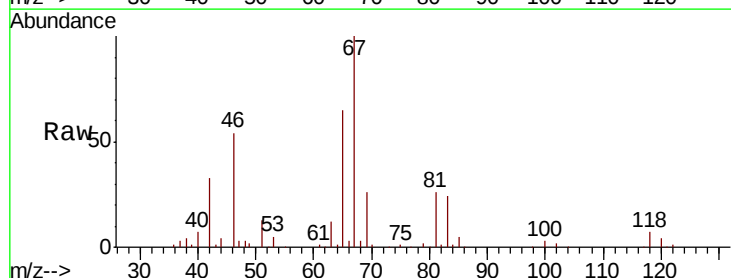
Tgt Ion: 83 Resp: 31865

Ion Ratio Lower Upper

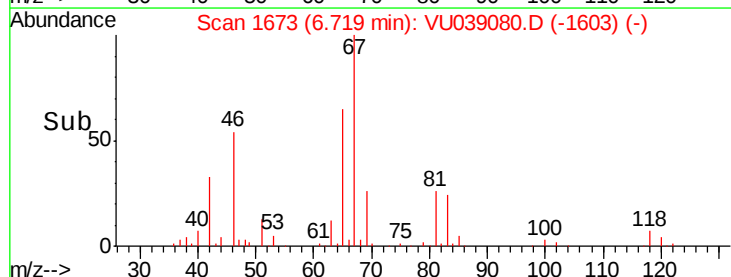
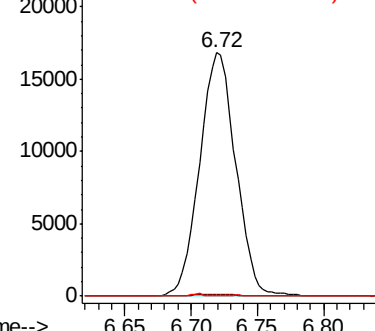
83 100

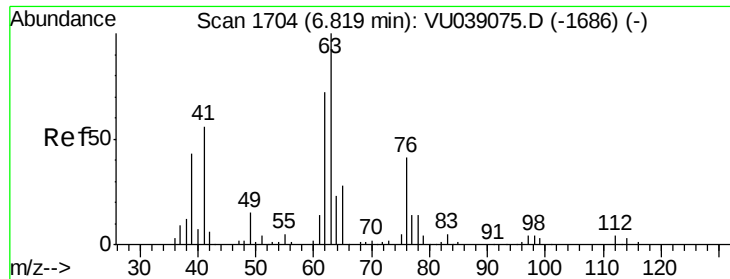
55 0.3 65.5 98.3#

98 0.3 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

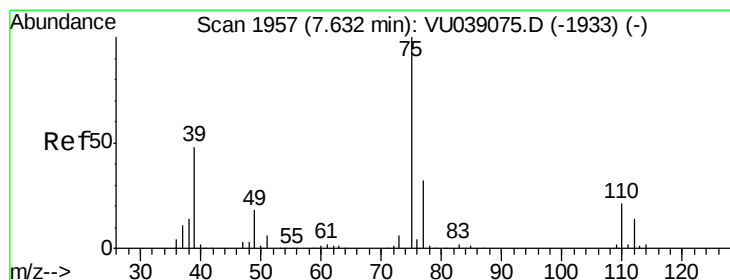
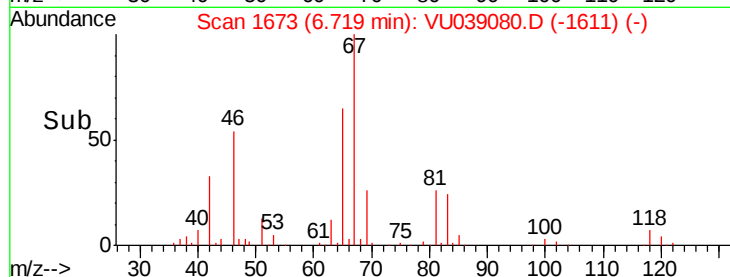
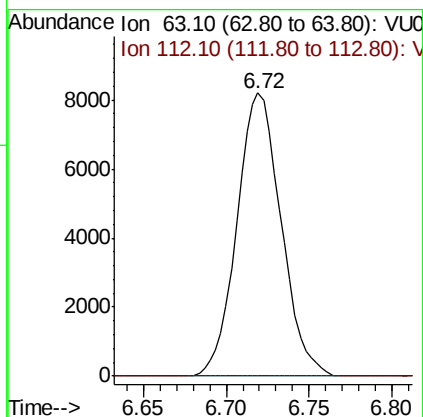
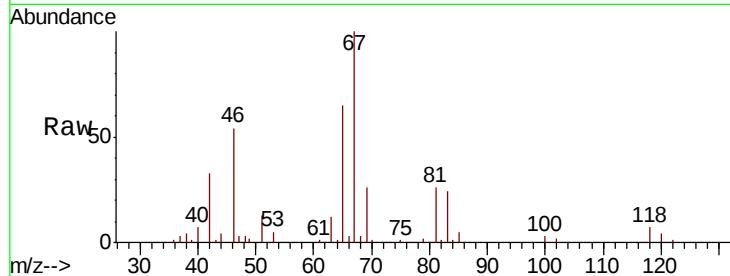




#37
 1,2-Dichloropropane
 Concen: 0.698 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039080.D
 Acq: 24 Jun 2020 23:09

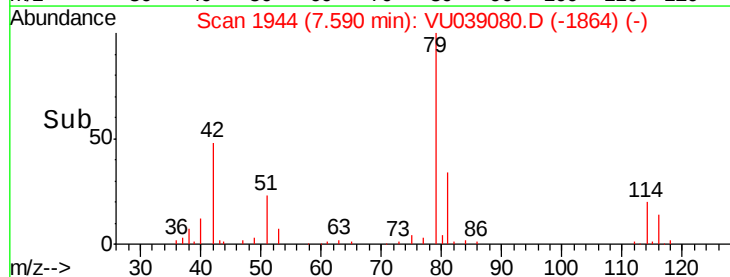
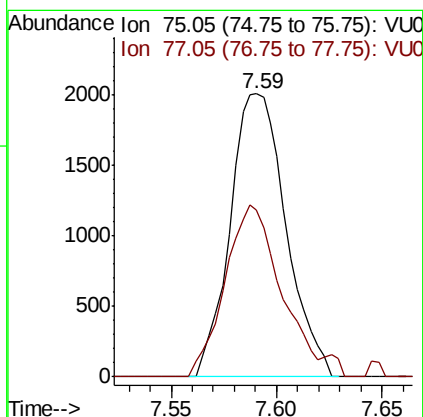
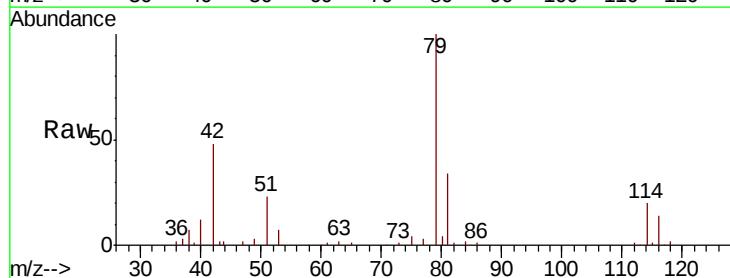
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F60

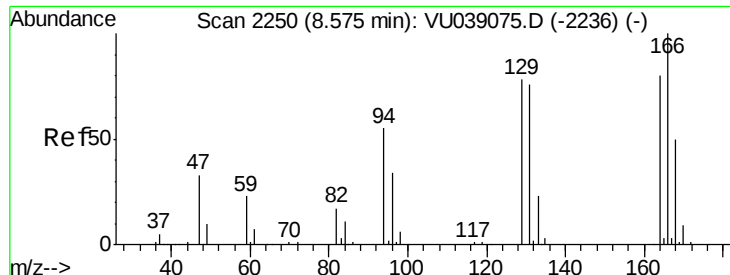
Tot Ion: 63 Resp: 15211
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039080.D
 Acq: 24 Jun 2020 23:09

Tgt Ion: 75 Resp: 3681
 Ion Ratio Lower Upper
 75 100
 77 59.1 21.6 40.0#





#47

Tetrachloroethene

Concen: 0.854 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039080.D

Acq: 24 Jun 2020 23:09

Instrument :

MSVOA_U

ClientSampleId :

F9F60

Tot Ion:164 Resp: 11964

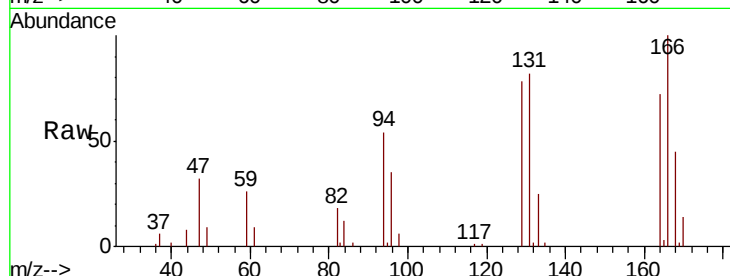
Ion Ratio Lower Upper

164 100

129 108.3 71.3 132.5

131 113.6 68.3 126.8

166 138.3 90.8 168.6

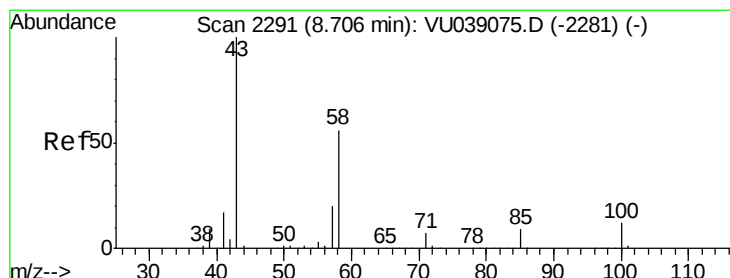
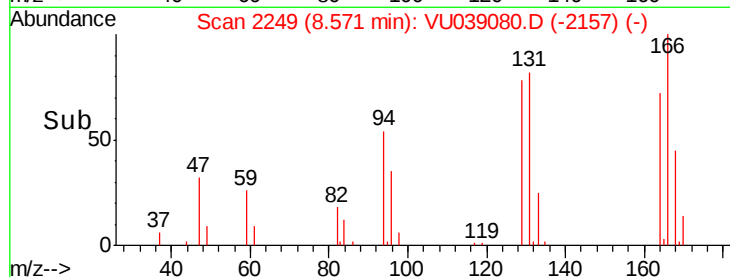
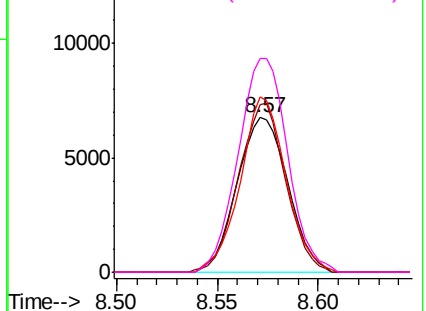


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.147 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU039080.D

Acq: 24 Jun 2020 23:09

Tgt Ion: 43 Resp: 37493

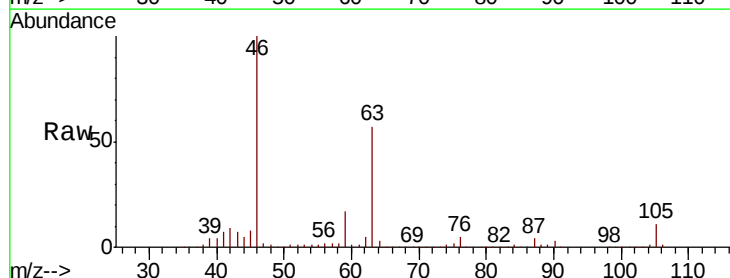
Ion Ratio Lower Upper

43 100

58 31.1 44.0 66.0#

57 29.3 15.0 22.6#

100 0.9 9.4 14.2#

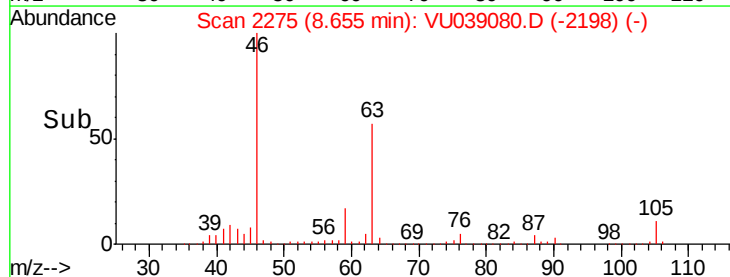
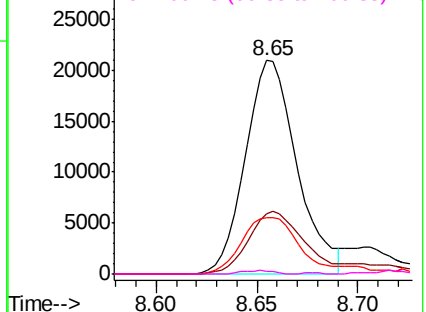


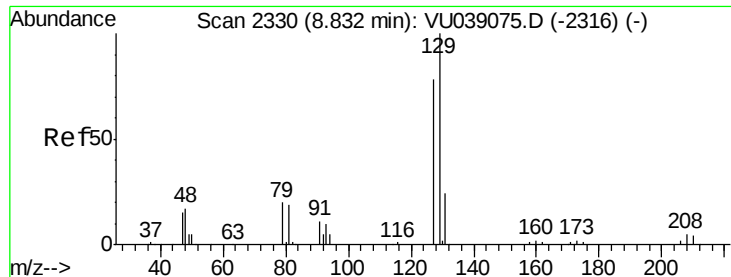
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 0.684 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU039080.D

Acq: 24 Jun 2020 23:09

Instrument :

MSVOA_U

ClientSampleId :

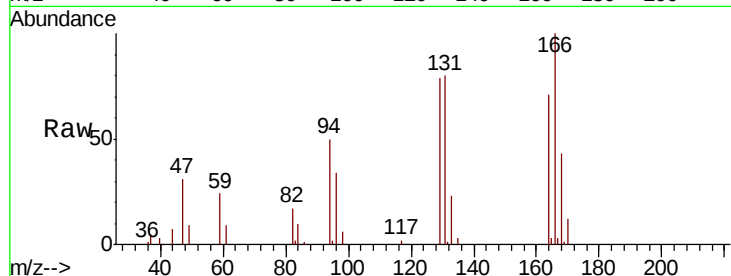
F9F60

Tot Ion:129 Resp: 12032

Ion Ratio Lower Upper

129 100

127 0.0 55.4 103.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57

8000

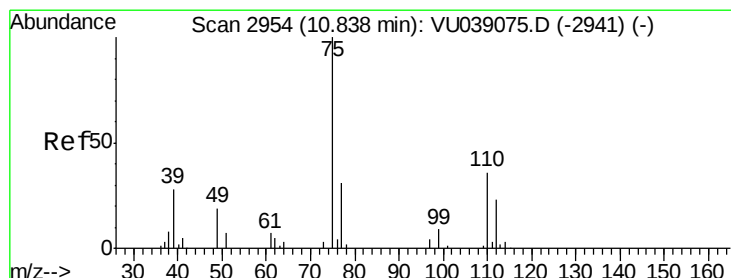
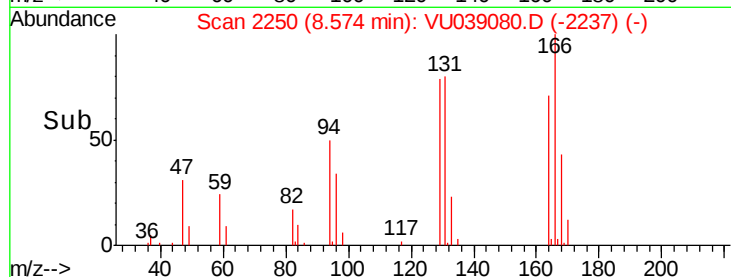
6000

4000

2000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.948 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039080.D

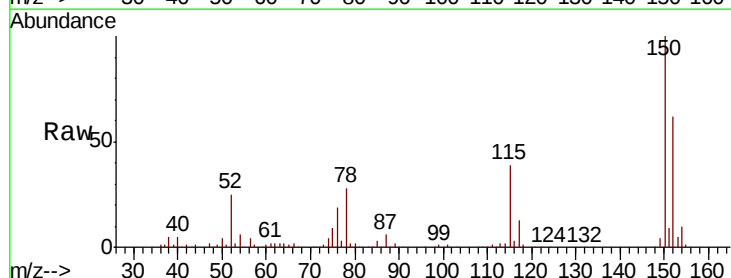
Acq: 24 Jun 2020 23:09

Tgt Ion: 75 Resp: 15559

Ion Ratio Lower Upper

75 100

77 36.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

10000

8000

6000

4000

2000

0

Time-->

