

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039082.D
 Acq On : 24 Jun 2020 23:54
 Operator : SY/MD
 Sample : L3109-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F63

Quant Time: Jun 25 02:37:15 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	243013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	102640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99112	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.93	69	88501	6.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.40%
11) 1,1-Dichloroethene-d2	2.59	63	145390	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.67	46	404078	62.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.84%
24) Chloroform-d	5.10	84	204757	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
26) 1,2-Dichloroethane-d4	5.74	65	126989	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.00%
32) Benzene-d6	5.76	84	394489	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.72	67	131655	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.92	98	308559	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	8.20	79	51993	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.65	63	311400	59.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118494	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	117918	6.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.40%#

Target Compounds

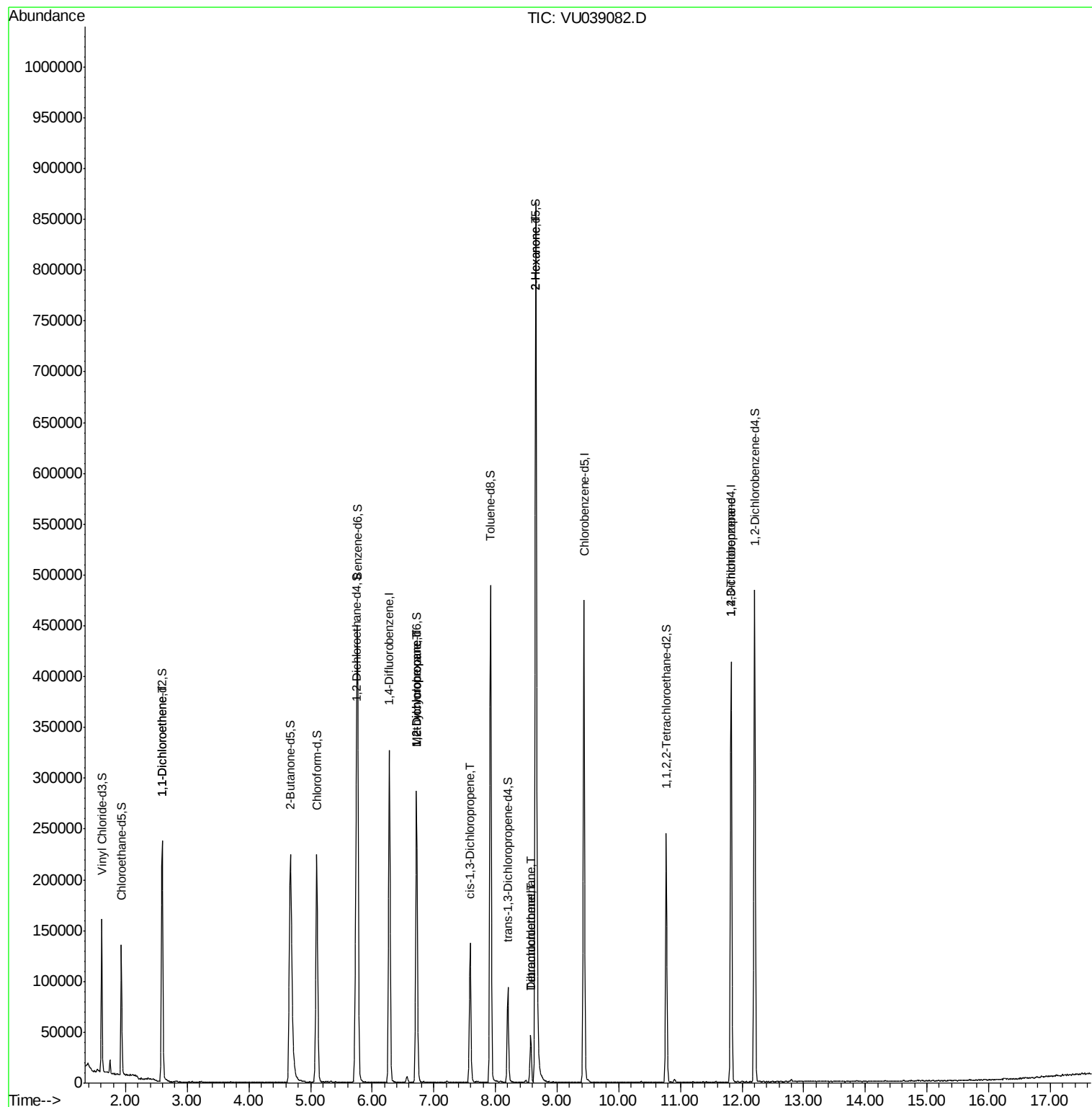
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1012	0.060 ug/L #	1
35) Methylcyclohexane	6.72	83	31828	1.135 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15921	0.752 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3536	0.121 ug/L #	56
47) Tetrachloroethene	8.57	164	10167	0.747 ug/L	86
48) 2-Hexanone	8.65	43	38607	3.334 ug/L #	73
49) Dibromochloromethane	8.57	129	8997	0.526 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	14718	0.922 ug/L	90

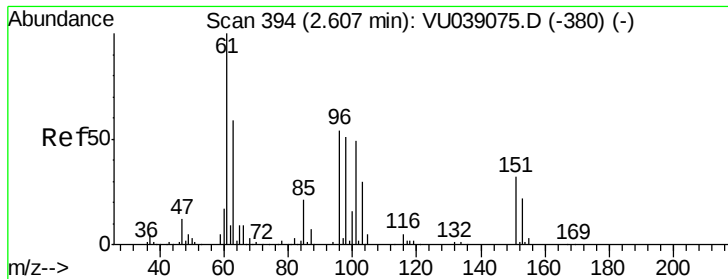
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 25 02:33:05 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU039082.D

Acq: 24 Jun 2020 23:54

Instrument :

MSVOA_U

ClientSampleId :

F9F63

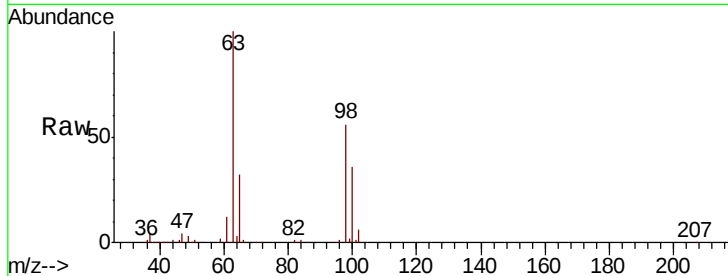
Tot Ion: 96 Resp: 1012

Ion Ratio Lower Upper

96 100

61 1635.5 125.1 232.3#

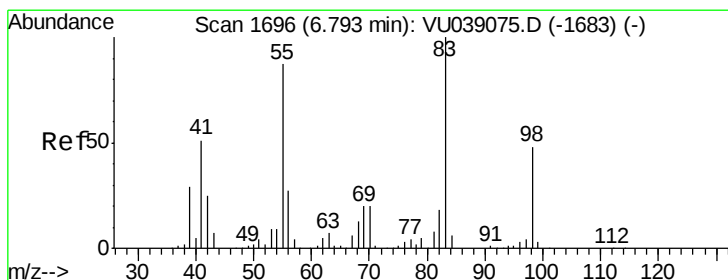
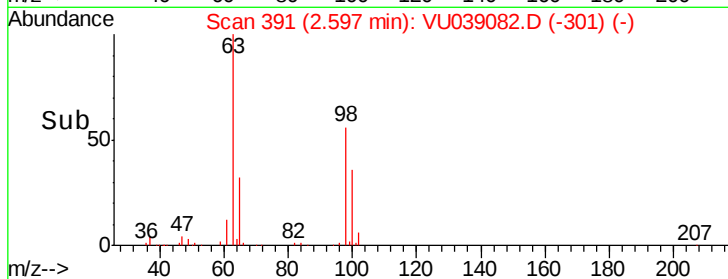
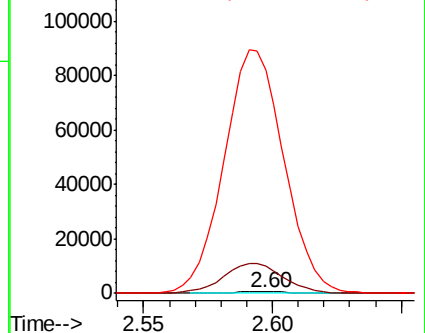
63 13480.5 82.3 152.8#



Abundance Ion 96.00 (95.70 to 96.70): VU039075.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU039075.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU039075.D (-380) (-)



#35

Methylcyclohexane

Concen: 1.135 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039082.D

Acq: 24 Jun 2020 23:54

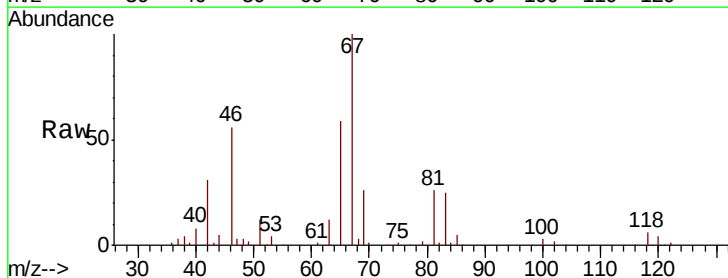
Tgt Ion: 83 Resp: 31828

Ion Ratio Lower Upper

83 100

55 0.3 65.5 98.3#

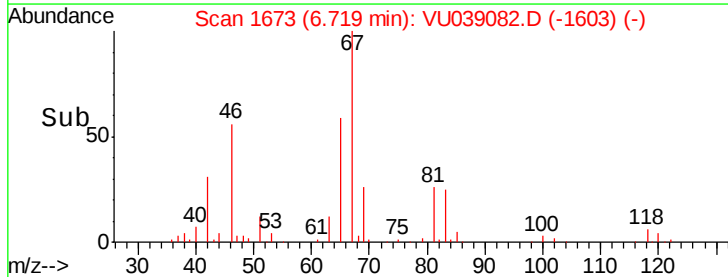
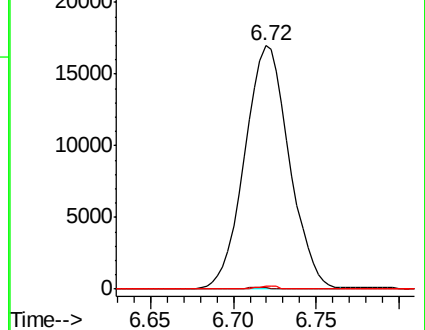
98 0.5 36.5 54.7#

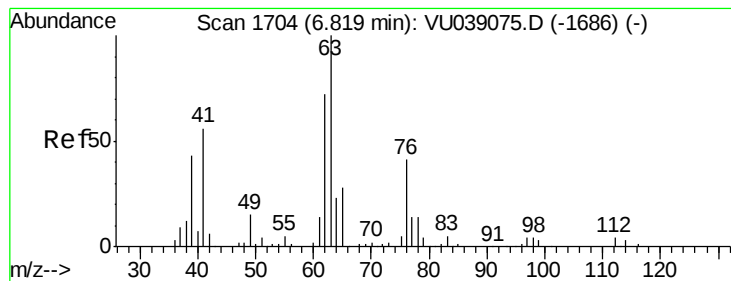


Abundance Ion 83.15 (82.85 to 83.85): VU039075.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU039075.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU039075.D (-1683) (-)





#37

1,2-Dichloropropane

Concen: 0.752 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU039082.D

Acq: 24 Jun 2020 23:54

Instrument :

MSVOA_U

ClientSampleID :

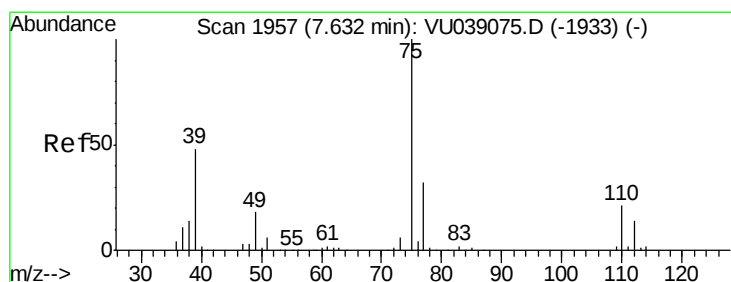
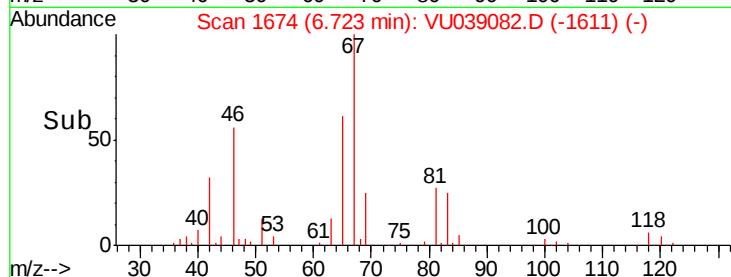
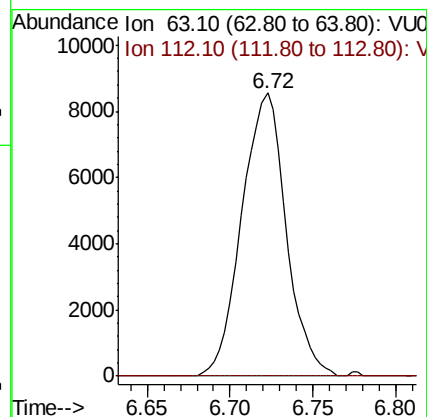
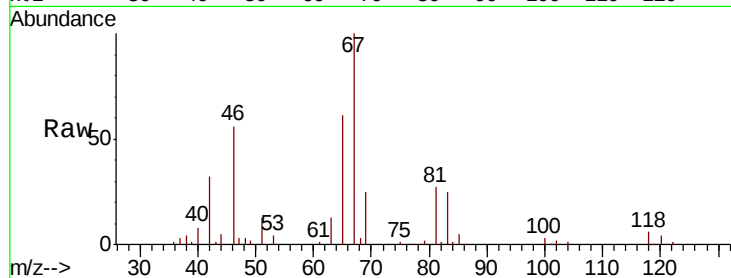
F9F63

Tot Ion: 63 Resp: 15921

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU039082.D

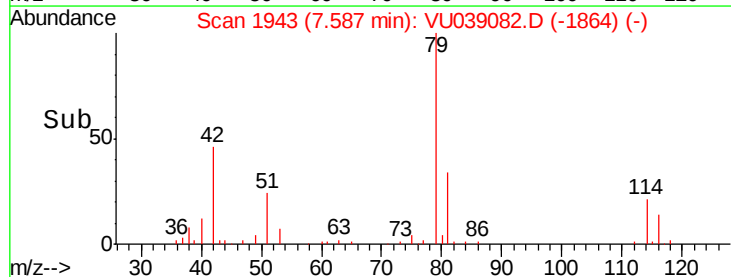
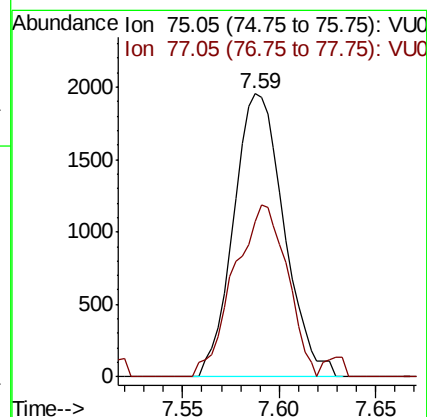
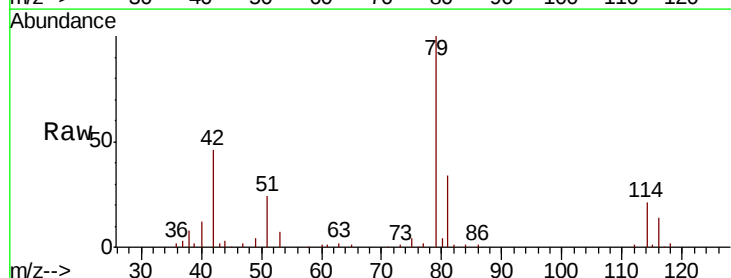
Acq: 24 Jun 2020 23:54

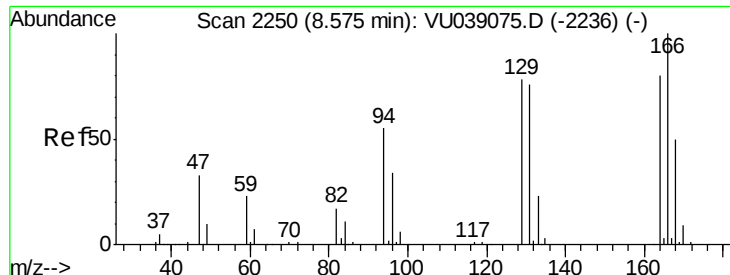
Tgt Ion: 75 Resp: 3536

Ion Ratio Lower Upper

75 100

77 54.9 21.6 40.0#





#47

Tetrachloroethene

Concen: 0.747 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU039082.D

Acq: 24 Jun 2020 23:54

Instrument :

MSVOA_U

ClientSampleId :

F9F63

Tot Ion:164 Resp: 10167

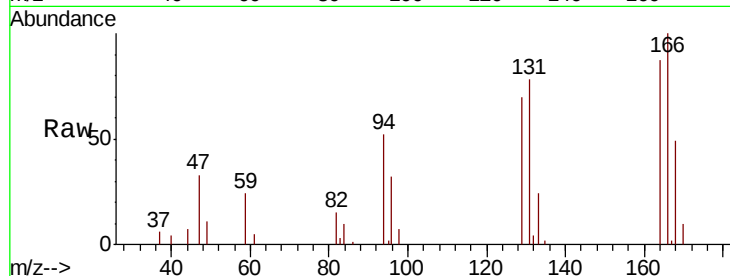
Ion Ratio Lower Upper

164 100

129 79.7 71.3 132.5

131 89.0 68.3 126.8

166 114.7 90.8 168.6



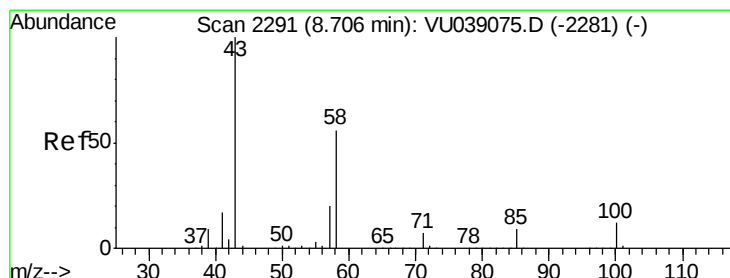
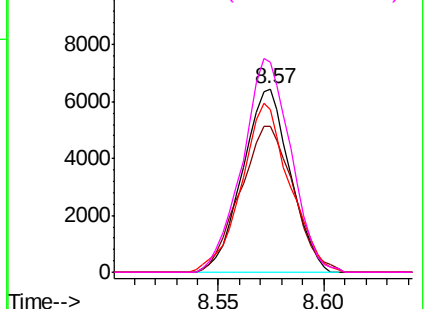
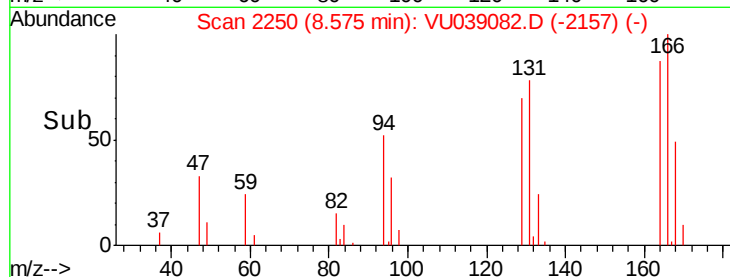
Abundance

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: 3.334 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU039082.D

Acq: 24 Jun 2020 23:54

Tgt Ion: 43 Resp: 38607

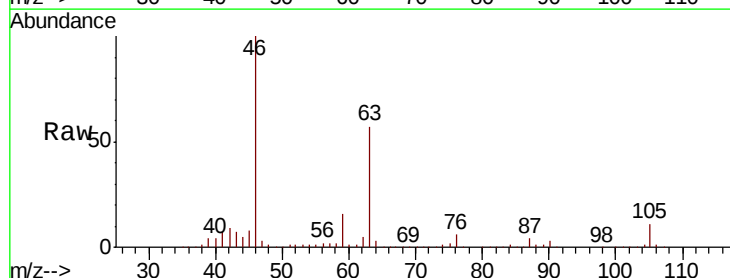
Ion Ratio Lower Upper

43 100

58 35.8 44.0 66.0#

57 31.4 15.0 22.6#

100 0.8 9.4 14.2#



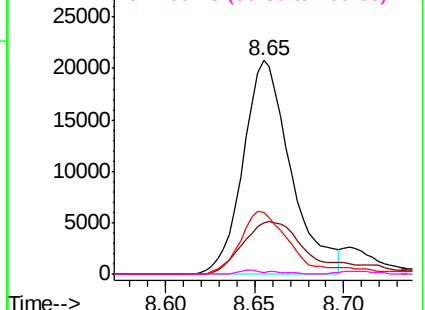
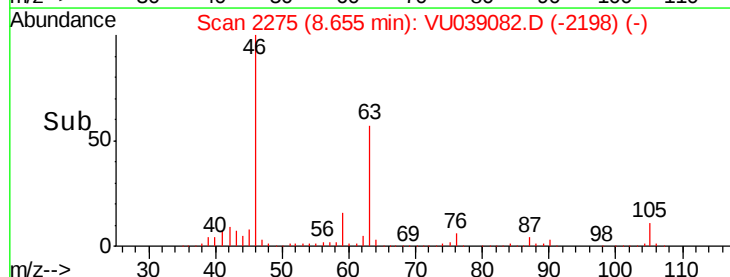
Abundance

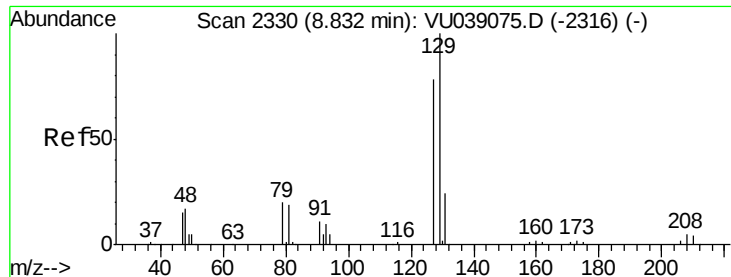
Ion 43.05 (42.75 to 43.75): VU0

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: 0.526 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU039082.D

Acq: 24 Jun 2020 23:54

Instrument :

MSVOA_U

ClientSampleId :

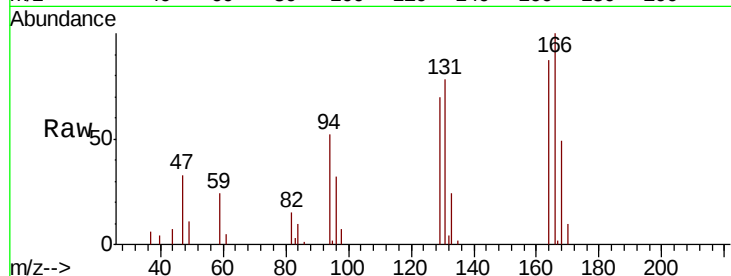
F9F63

Tot Ion:129 Resp: 8997

Ion Ratio Lower Upper

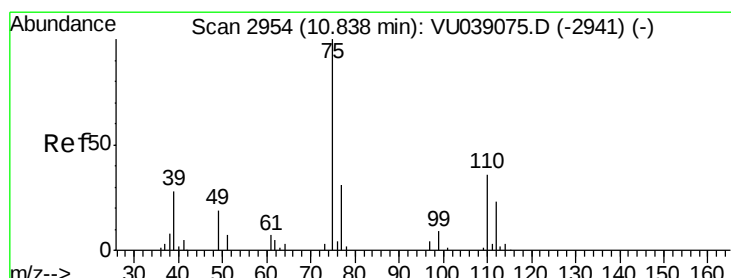
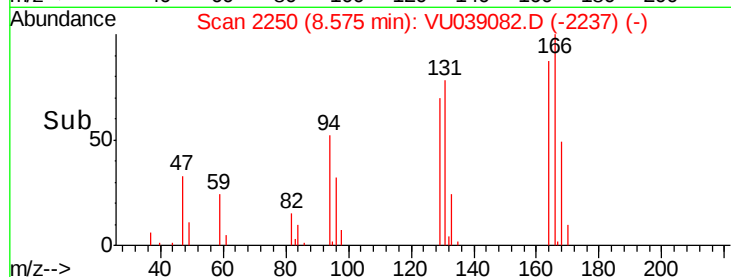
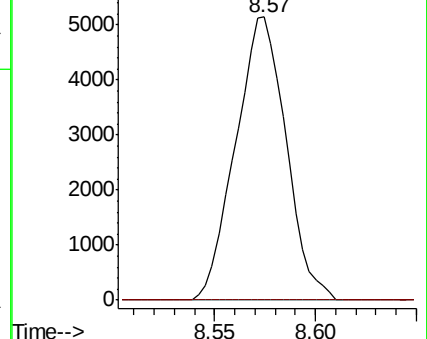
129 100

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



#59

1,2,3-Trichloropropane

Concen: 0.922 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039082.D

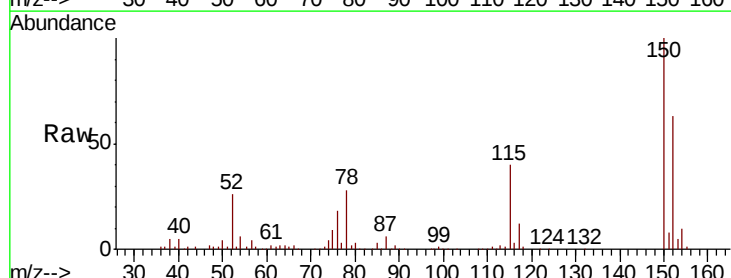
Acq: 24 Jun 2020 23:54

Tgt Ion: 75 Resp: 14718

Ion Ratio Lower Upper

75 100

77 38.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

