

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039106.D
 Acq On : 25 Jun 2020 11:25
 Operator : SY/MD
 Sample : L3110-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F56

Quant Time: Jun 26 01:00:51 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	250301	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	257519	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	107933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92919	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.93	69	86049	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.59	63	140218	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.67	46	397917	60.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.30%
24) Chloroform-d	5.10	84	200300	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.74	65	125041	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.76	84	381913	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.72	67	129595	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.92	98	294464	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.20	79	51736	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.65	63	319902	59.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115596	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	116100	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

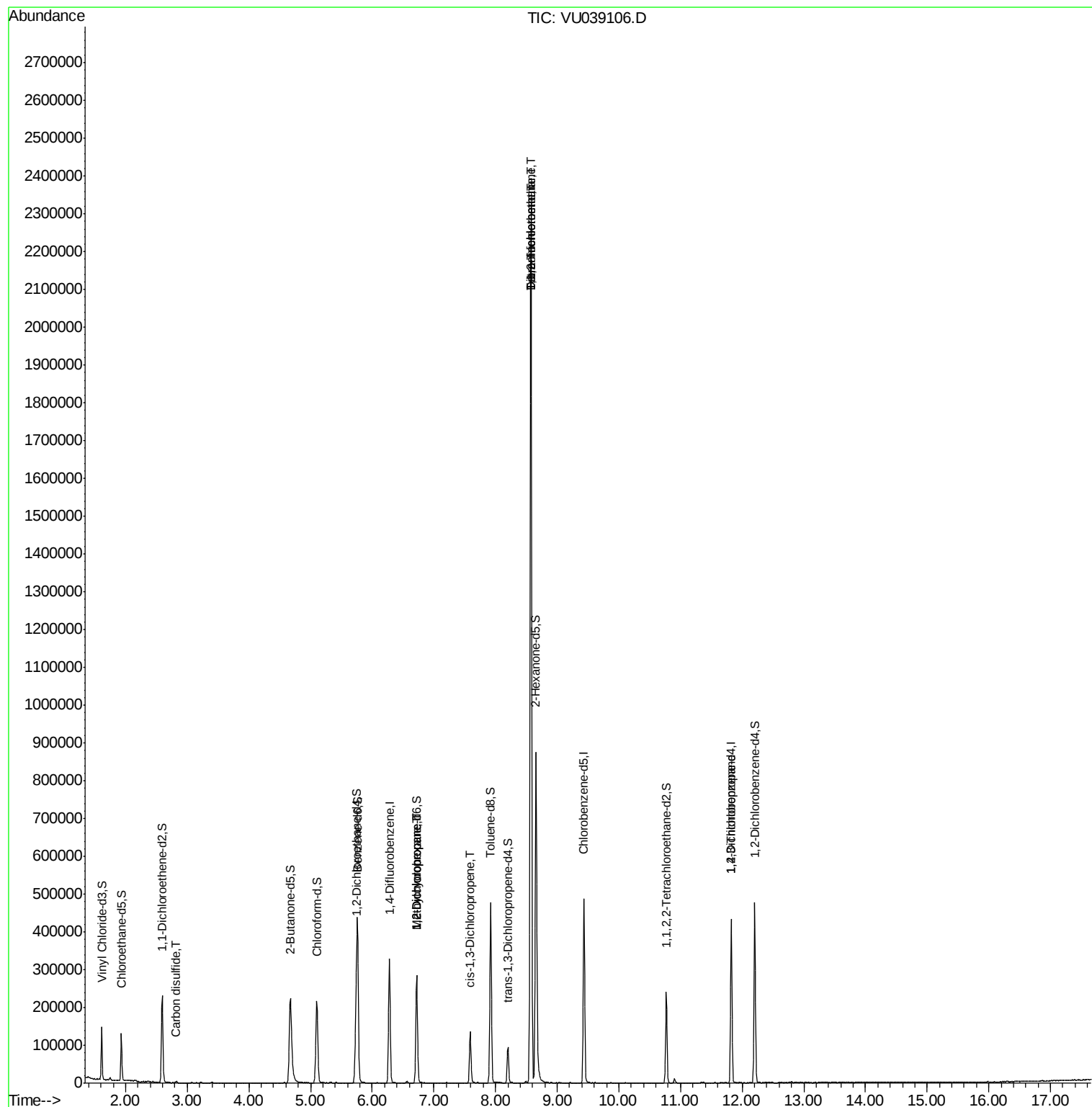
					Ovalue
14) Carbon disulfide	2.82	76	4078	0.071 ug/L #	86
35) Methylcyclohexane	6.72	83	30008	1.033 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14849	0.677 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3264	0.107 ug/L	85
45) 1,1,2-Trichloroethane	8.57	97	4891	0.300 ug/L #	2
47) Tetrachloroethene	8.57	164	482870	34.232 ug/L	98
49) Dibromochloromethane	8.57	129	474507	26.784 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	15437	0.934 ug/L	93

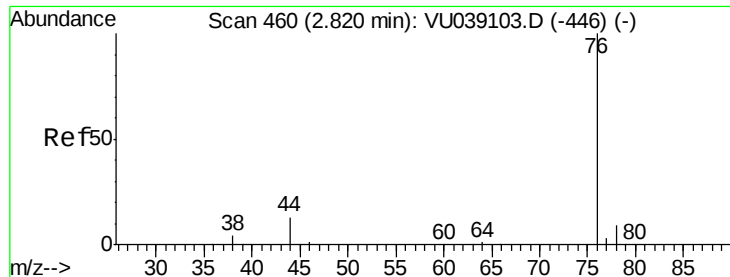
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.071 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU039106.D

Acq: 25 Jun 2020 11:25

Instrument :

MSVOA_U

ClientSampled :

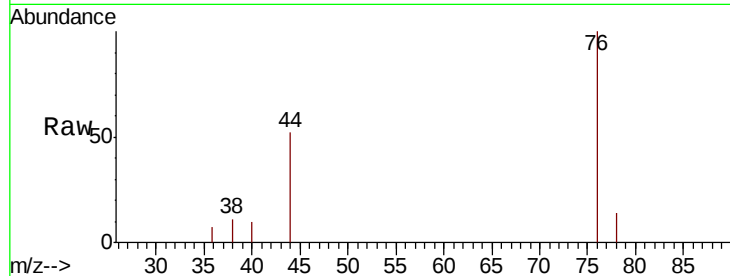
F9F56

Tot Ion: 76 Resp: 4078

Ion Ratio Lower Upper

76 100

78 13.8 7.0 10.6#



Abundance Ion 76.05 (75.75 to 76.75): VU039103.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU039103.D (-446) (-)

2.82

2500

2000

1500

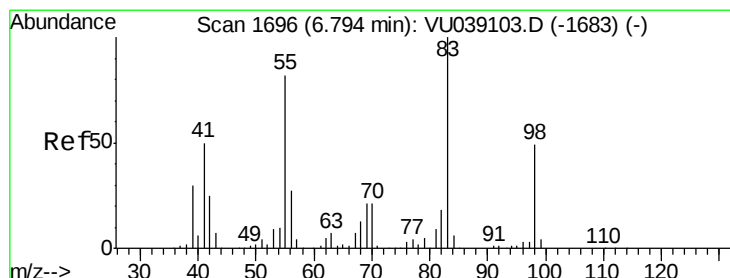
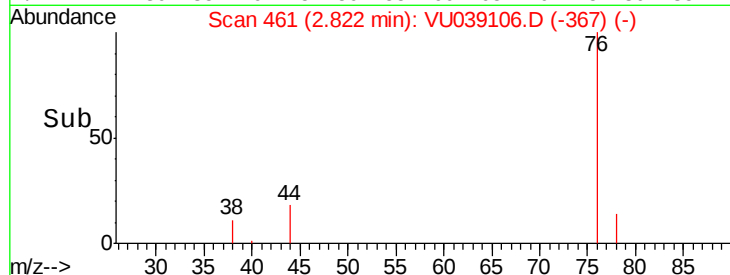
1000

500

0

2.80 2.85

Time-->



#35

Methylcyclohexane

Concen: 1.033 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039106.D

Acq: 25 Jun 2020 11:25

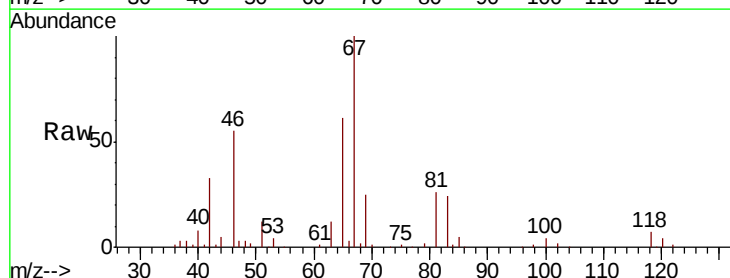
Tgt Ion: 83 Resp: 30008

Ion Ratio Lower Upper

83 100

55 0.4 65.5 98.3#

98 1.5 36.5 54.7#



Abundance Ion 83.15 (82.85 to 83.85): VU039103.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU039103.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU039103.D (-1683) (-)

20000

15000

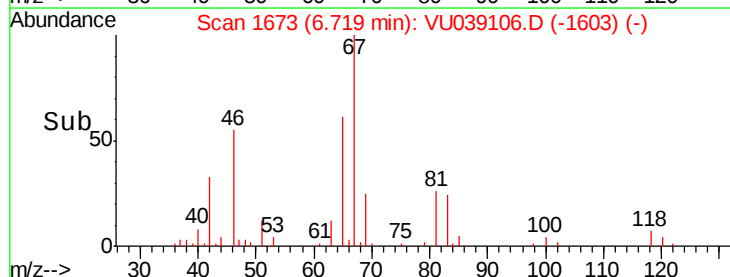
10000

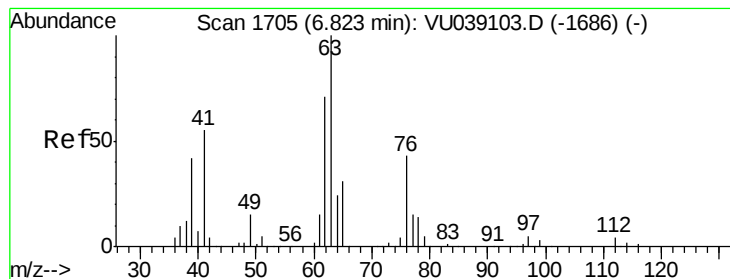
5000

0

6.65 6.70 6.75 6.80

Time-->





#37

1,2-Dichloropropane

Concen: 0.677 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039106.D

Acq: 25 Jun 2020 11:25

Instrument :

MSVOA_U

ClientSampleId :

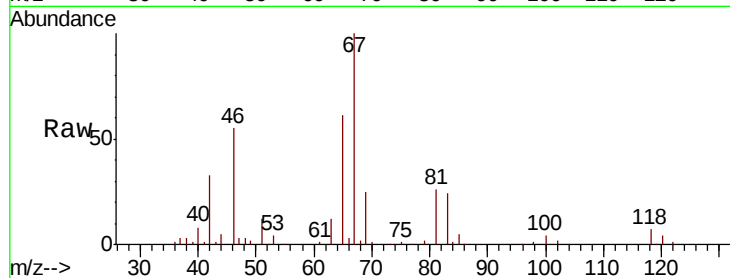
F9F56

Tot Ion: 63 Resp: 14849

Ion Ratio Lower Upper

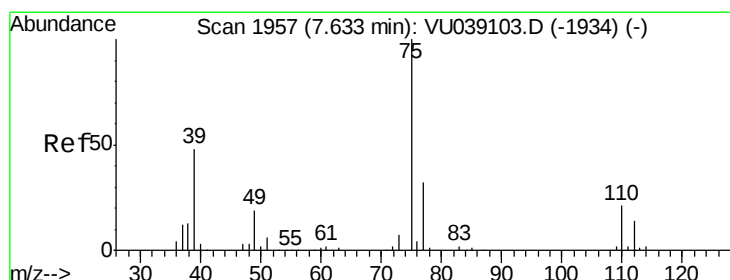
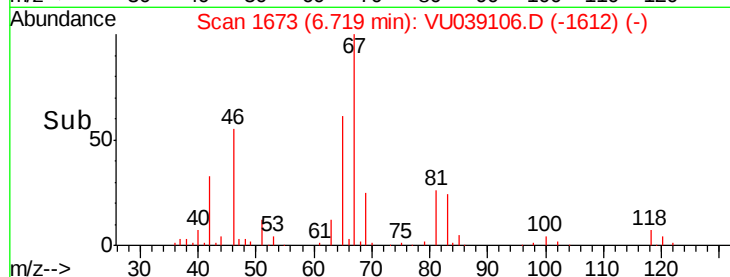
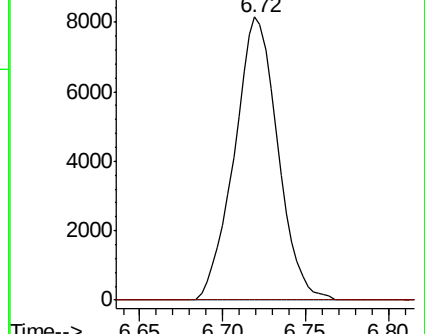
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039103.D (-1686) (-)

Ion 112.10 (111.80 to 112.80): VU039103.D (-1686) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU039106.D

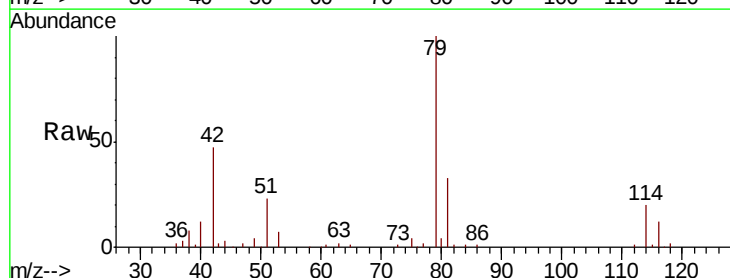
Acq: 25 Jun 2020 11:25

Tgt Ion: 75 Resp: 3264

Ion Ratio Lower Upper

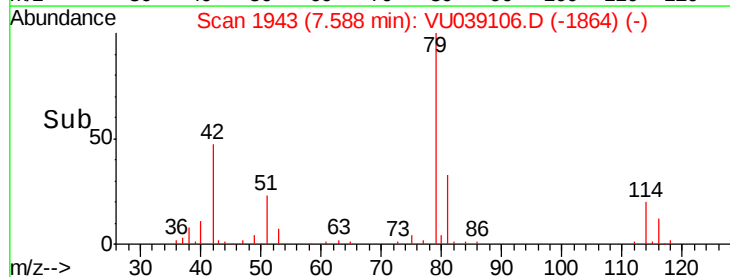
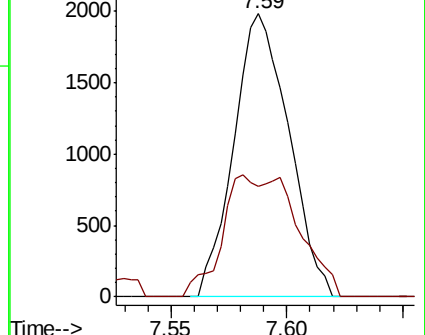
75 100

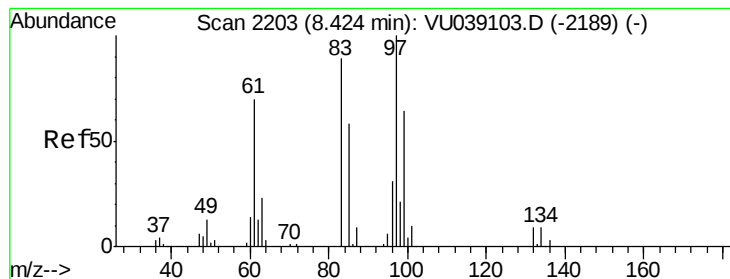
77 39.3 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VU039103.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU039103.D (-1934) (-)





#45

1,1,2-Trichloroethane

Concen: 0.300 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. 0.15 min

Lab File: VU039106.D

Acq: 25 Jun 2020 11:25

Instrument :

MSVOA_U

ClientSampleId :

F9F56

Tot Ion: 97 Resp: 4891

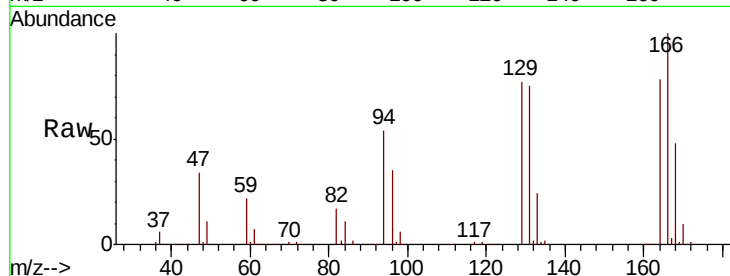
Ion Ratio Lower Upper

97 100

99 13.4 45.4 84.4#

83 253.1 64.4 119.6#

85 40.3 41.7 77.5#

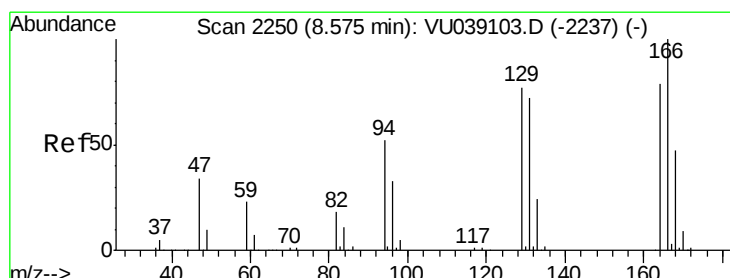
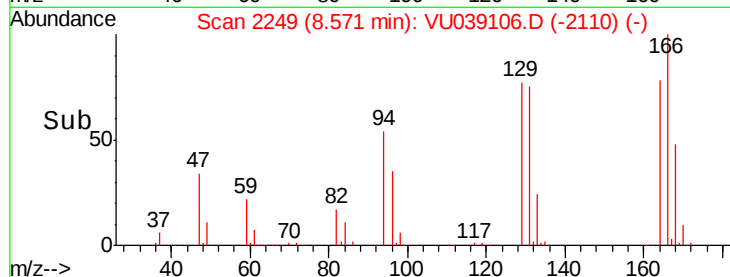
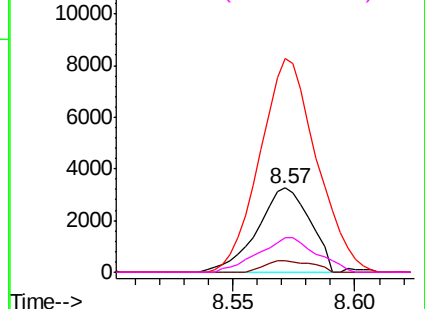


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 34.232 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU039106.D

Acq: 25 Jun 2020 11:25

Tgt Ion:164 Resp: 482870

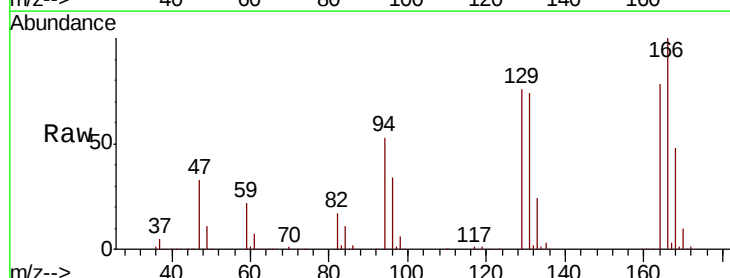
Ion Ratio Lower Upper

164 100

129 98.2 71.3 132.5

131 95.6 68.3 126.8

166 129.0 90.8 168.6

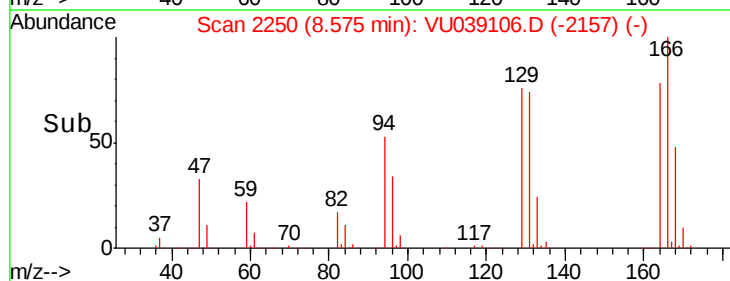
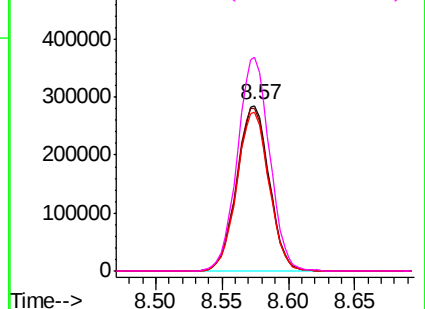


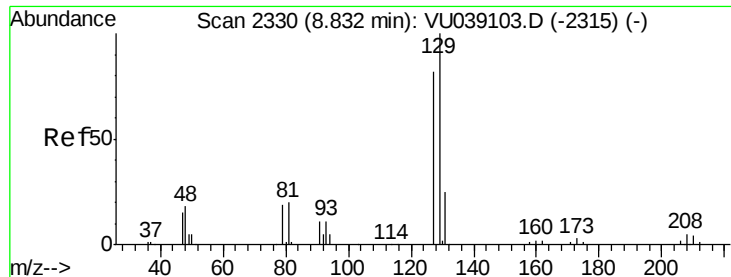
Abundance Ion 163.90 (163.60 to 164.60): V

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





#49

Dibromochloromethane

Concen: 26.784 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039106.D

Acq: 25 Jun 2020 11:25

Instrument :

MSVOA_U

ClientSampleId :

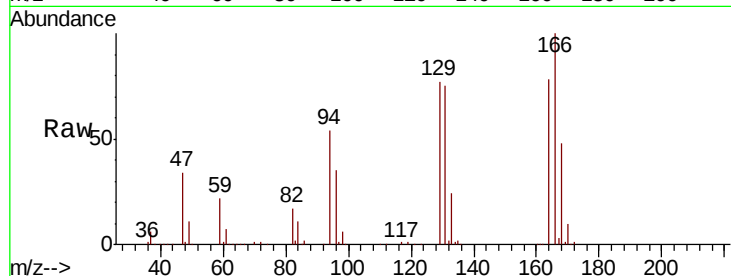
F9F56

Tot Ion:129 Resp: 474507

Ion Ratio Lower Upper

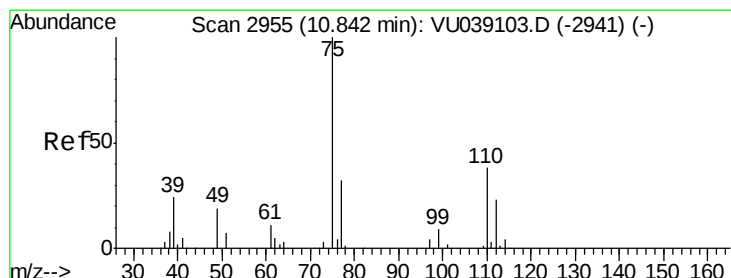
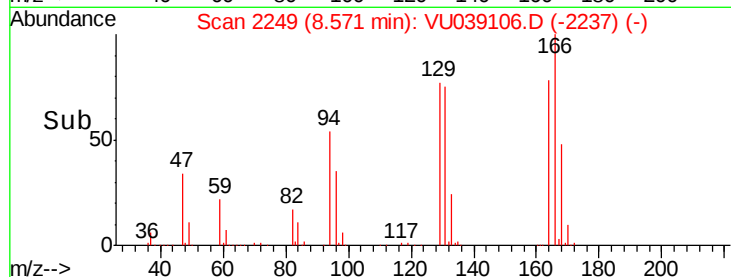
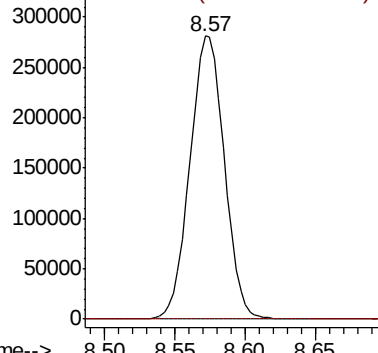
129 100

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: 0.934 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU039106.D

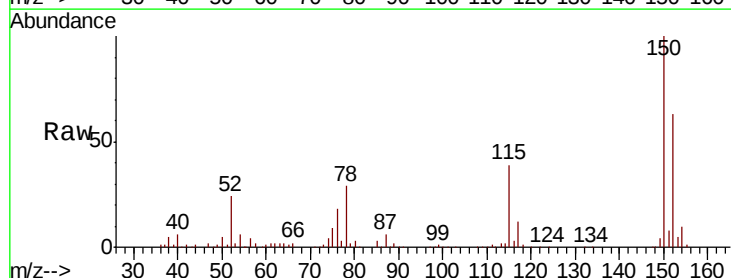
Acq: 25 Jun 2020 11:25

Tgt Ion: 75 Resp: 15437

Ion Ratio Lower Upper

75 100

77 36.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

