

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039099.D
 Acq On : 25 Jun 2020 06:26
 Operator : SY/MD
 Sample : L3110-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F52

Quant Time: Jun 25 07:17:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 06:40:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249104	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249728	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	106365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89240	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.93	69	83502	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.59	63	136542	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.67	46	398806	60.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.16%
24) Chloroform-d	5.10	84	195150	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.74	65	122240	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.76	84	372988	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.72	67	124918	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.92	98	291305	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	8.20	79	48383	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.65	63	310464	59.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114504	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	114299	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

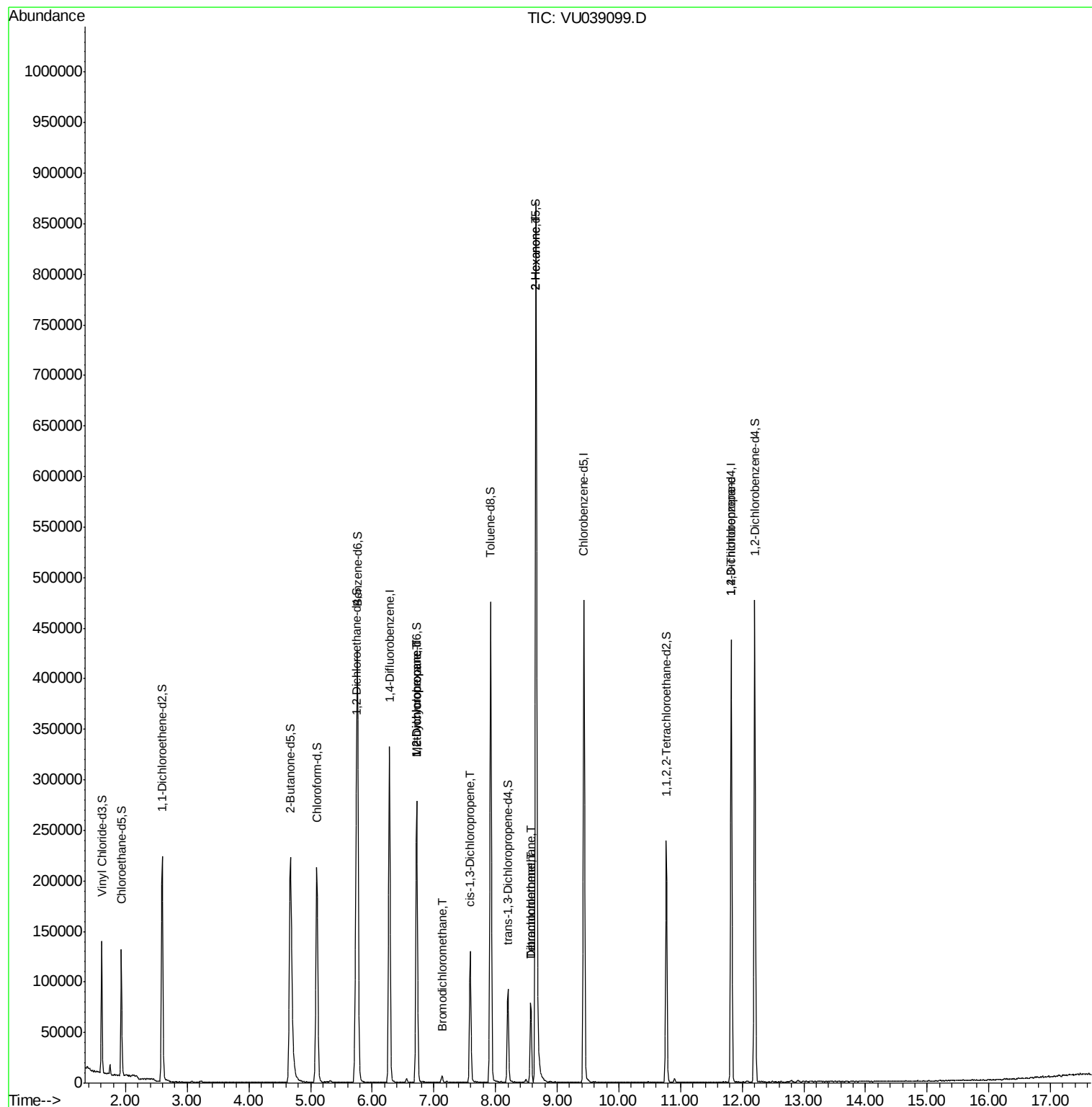
					Ovalue
35) Methylcyclohexane	6.72	83	29619	1.052 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13653	0.642 ug/L #	87
38) Bromodichloromethane	7.14	83	4628	0.175 ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	3347	0.114 ug/L #	50
47) Tetrachloroethene	8.57	164	16422	1.201 ug/L	92
48) 2-Hexanone	8.66	43	37738	3.245 ug/L #	69
49) Dibromochloromethane	8.57	129	15320	0.892 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	14813	0.924 ug/L	93

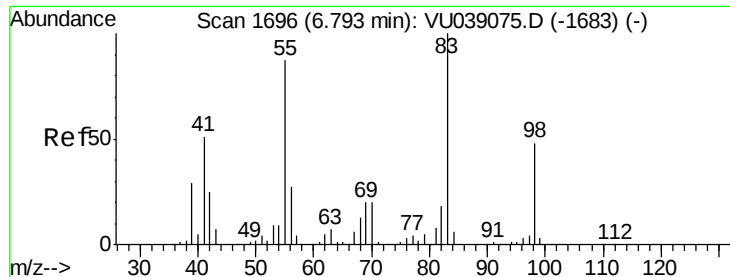
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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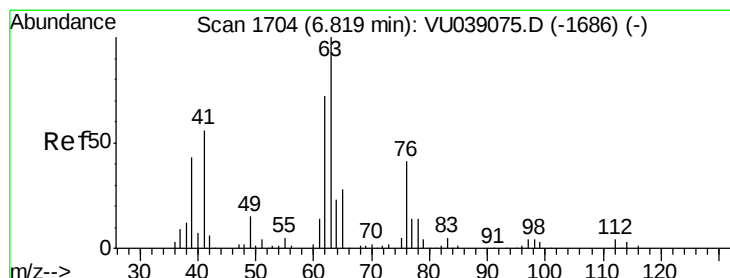
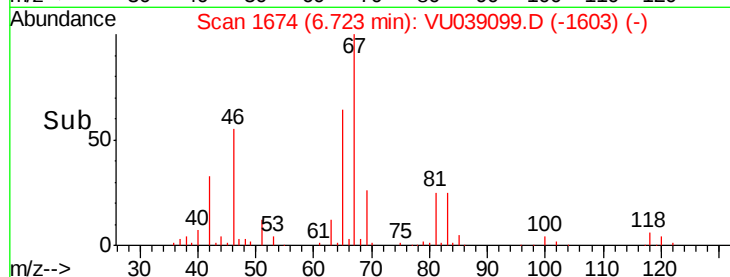
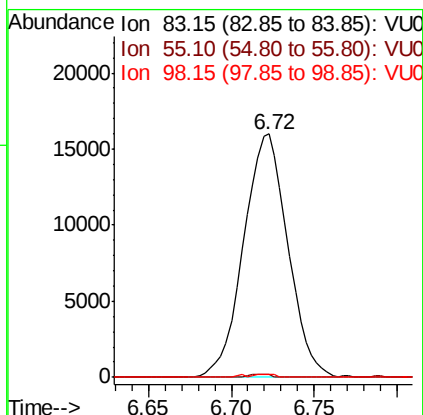
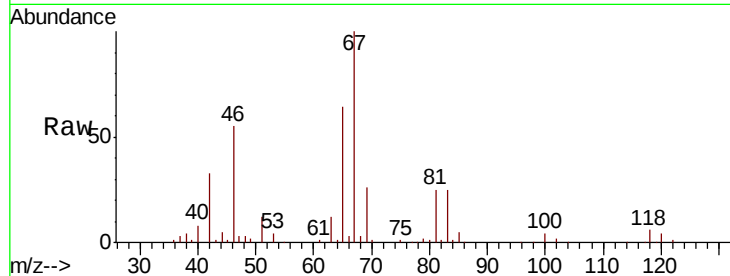




#35
Methvlcvclohexane
Concen: 1.052 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039099.D
Acq: 25 Jun 2020 06:26

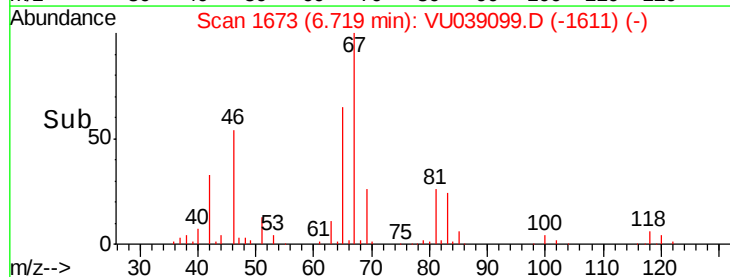
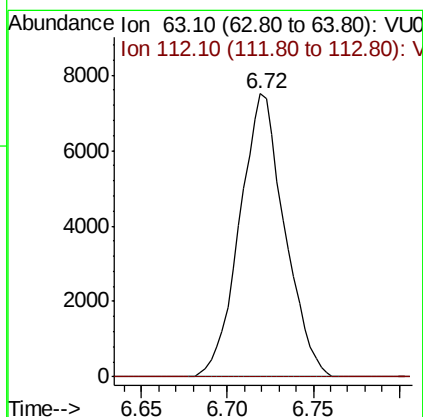
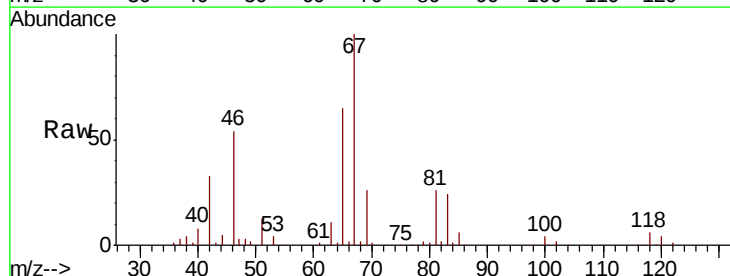
Instrument :
MSVOA_U
ClientSampleId :
F9F52

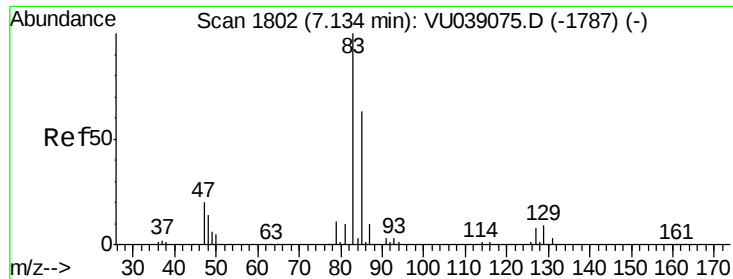
Tot Ion	83.15	Resp	29619
Ion Ratio	Lower	Upper	
83	100		
55	0.6	65.5	98.3#
98	0.6	36.5	54.7#



#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039099.D
Acq: 25 Jun 2020 06:26

Tgt Ion	63.10	Resp	13653
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.2#





#38

Bromodichloromethane

Concen: 0.175 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU039099.D

Acq: 25 Jun 2020 06:26

Instrument :

MSVOA_U

ClientSampled :

F9F52

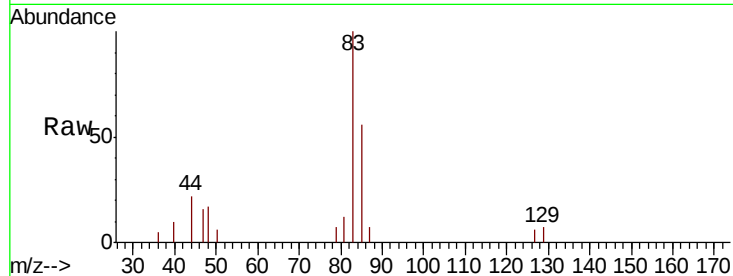
Tot Ion: 83 Resp: 4628

Ion Ratio Lower Upper

83 100

85 55.6 44.9 83.3

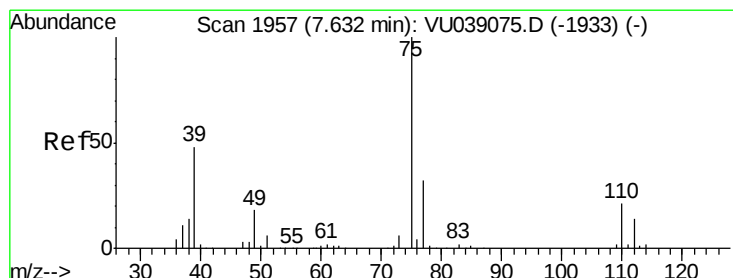
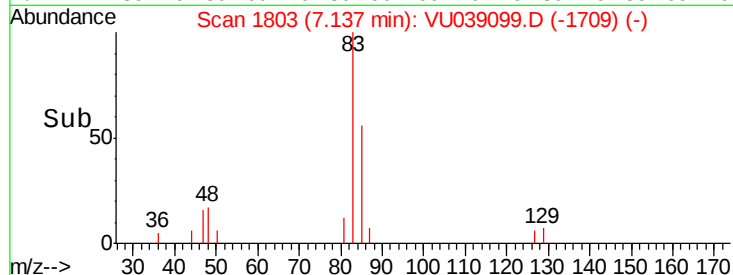
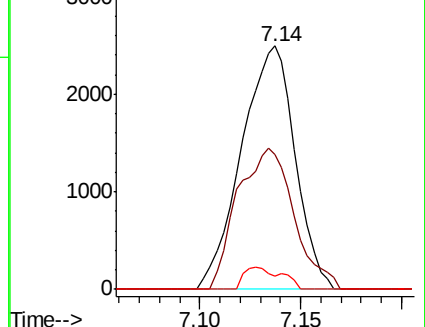
127 5.5 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU039075.D (-1787) (-)

Ion 85.00 (84.70 to 85.70): VU039075.D (-1787) (-)

Ion 126.90 (126.60 to 127.60): VU039075.D (-1787) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU039099.D

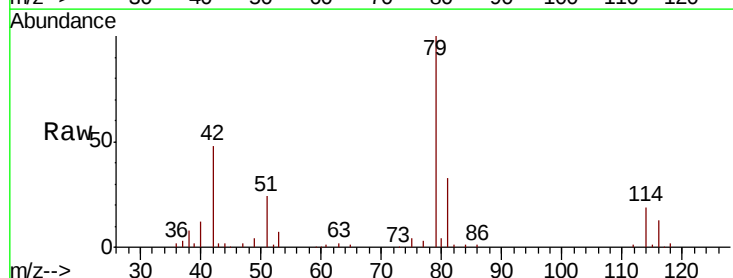
Acq: 25 Jun 2020 06:26

Tgt Ion: 75 Resp: 3347

Ion Ratio Lower Upper

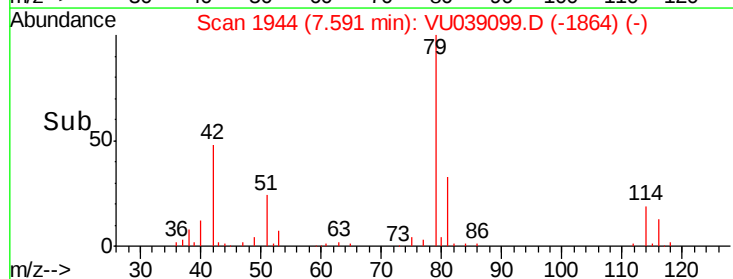
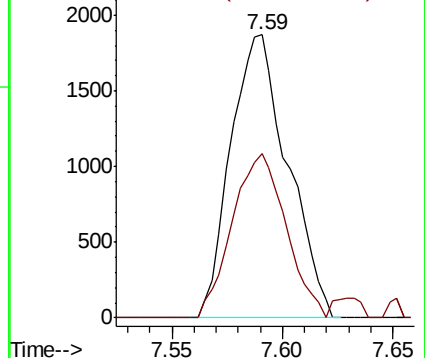
75 100

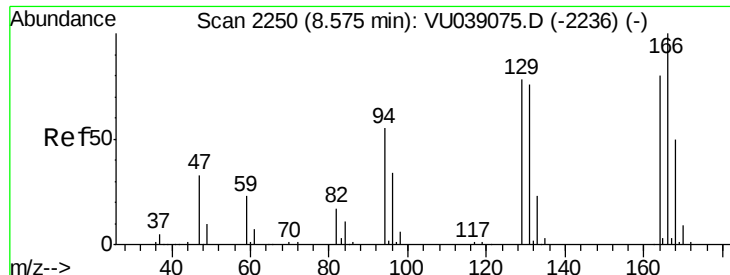
77 58.1 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039075.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU039075.D (-1933) (-)





#47

Tetrachloroethene

Concen: 1.201 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU039099.D

Acq: 25 Jun 2020 06:26

Instrument :

MSVOA_U

ClientSampleId :

F9F52

Tot Ion:164 Resp: 16422

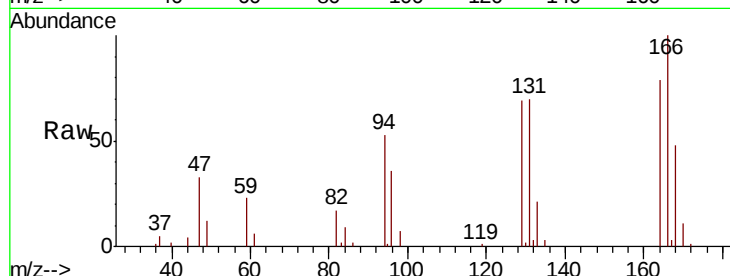
Ion Ratio Lower Upper

164 100

129 87.0 71.3 132.5

131 88.8 68.3 126.8

166 126.0 90.8 168.6



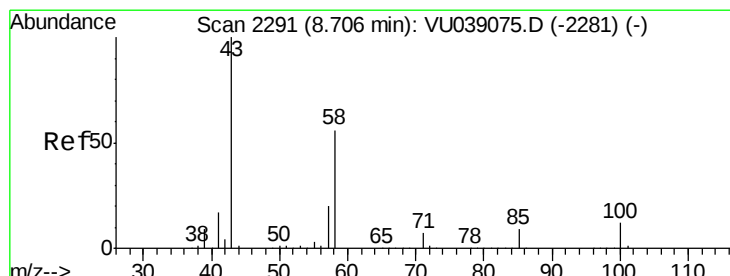
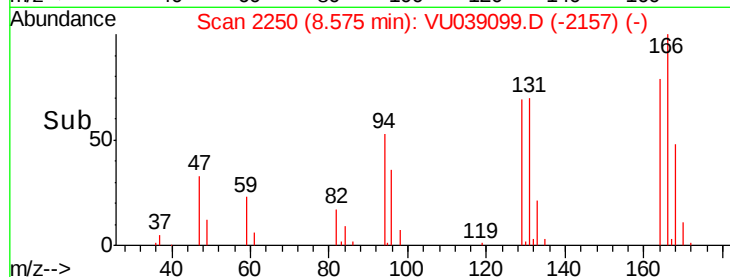
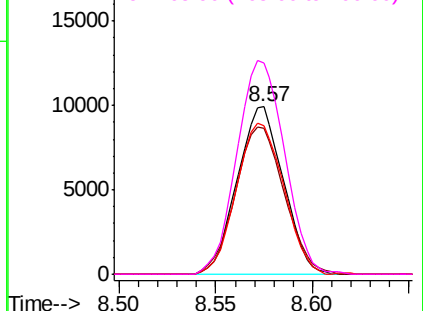
Abundance

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



#48

2-Hexanone

Concen: 3.245 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.05 min

Lab File: VU039099.D

Acq: 25 Jun 2020 06:26

Tgt Ion: 43 Resp: 37738

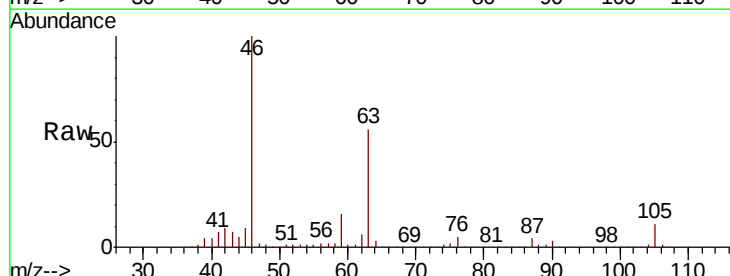
Ion Ratio Lower Upper

43 100

58 31.6 44.0 66.0#

57 31.3 15.0 22.6#

100 0.9 9.4 14.2#



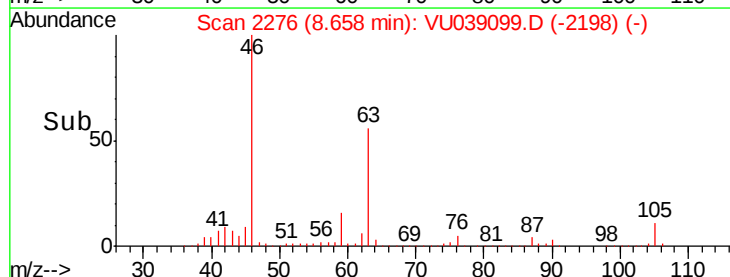
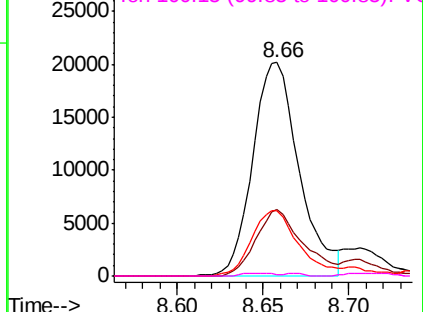
Abundance

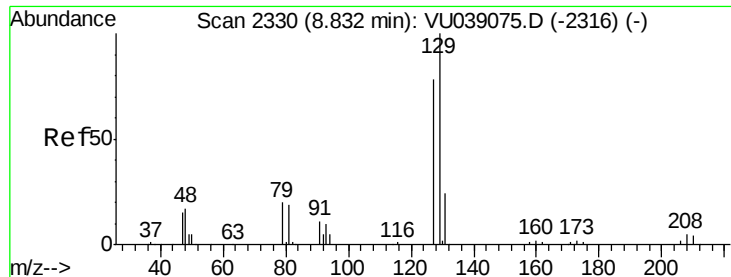
Ion 43.05 (42.75 to 43.75): VU0

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: 0.892 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039099.D

Acq: 25 Jun 2020 06:26

Instrument :

MSVOA_U

ClientSampleId :

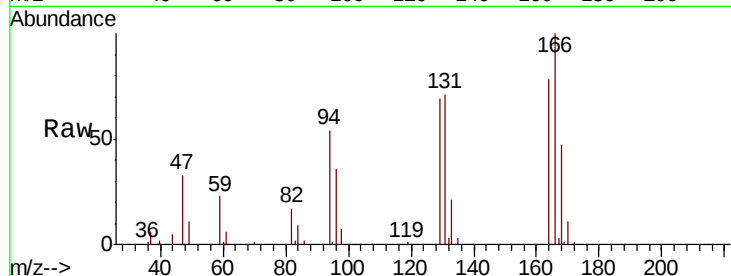
F9F52

Tot Ion:129 Resp: 15320

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

10000

8000

6000

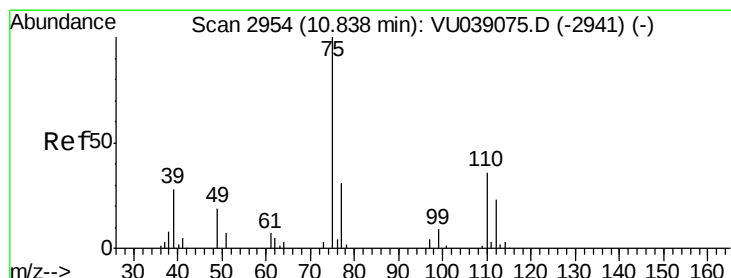
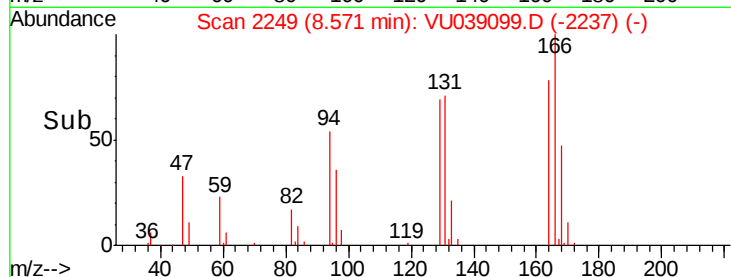
4000

2000

0

8.55 8.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.924 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039099.D

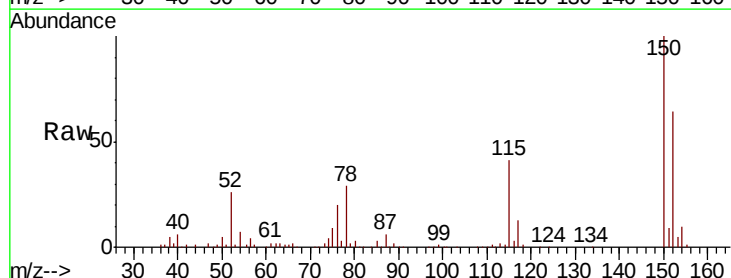
Acq: 25 Jun 2020 06:26

Tgt Ion: 75 Resp: 14813

Ion Ratio Lower Upper

75 100

77 36.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.82

10000

8000

6000

4000

2000

0

11.75 11.80 11.85

Time-->

