

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038547.D
 Acq On : 04 Jun 2020 14:33
 Operator : SY/MD
 Sample : L2872-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFEP5

Quant Time: Jun 05 01:13:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	318755	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311644	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	144923	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71800	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.93	69	64330	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.59	63	121708	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.68	46	318802	50.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.74%
24) Chloroform-d	5.10	84	169856	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.74	65	105066	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.76	84	343127	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.72	67	106195	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.92	98	291805	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.20	79	43825	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.66	63	268557	52.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94993	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	122006	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

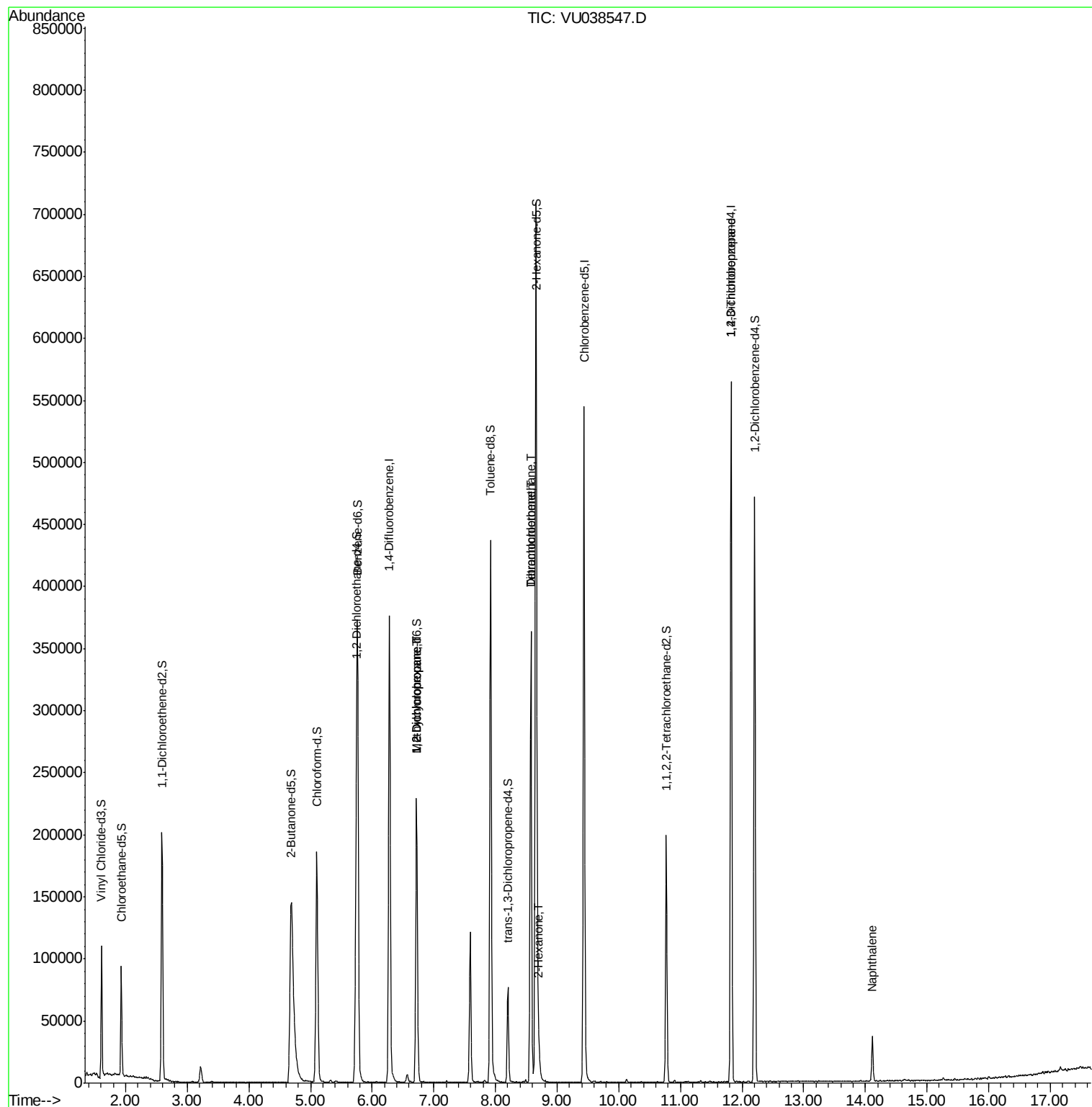
					Ovalue
35) Methylcyclohexane	6.72	83	26264	0.752 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11861	0.542 ug/L #	86
47) Tetrachloroethene	8.57	164	82114	5.011 ug/L	97
48) 2-Hexanone	8.71	43	12496	1.055 ug/L #	95
49) Dibromochloromethane	8.57	129	77025	4.325 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	17633	1.080 ug/L #	83
69) Naphthalene	14.11	128	30081	0.514 ug/L	98

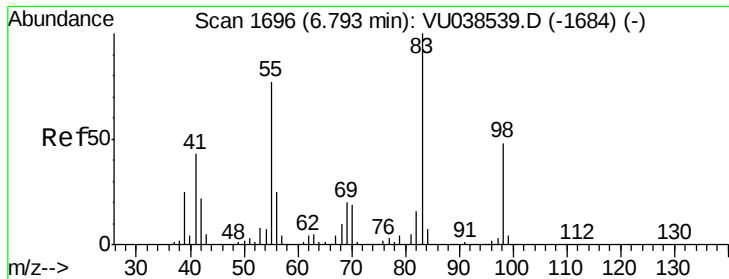
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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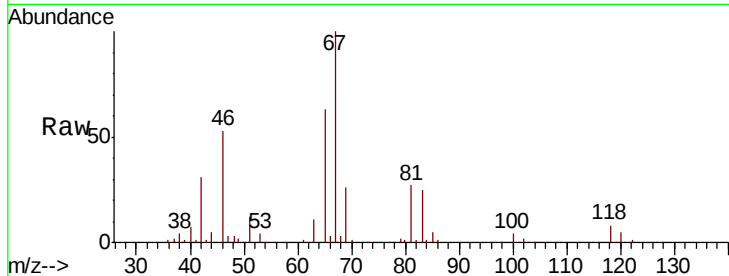




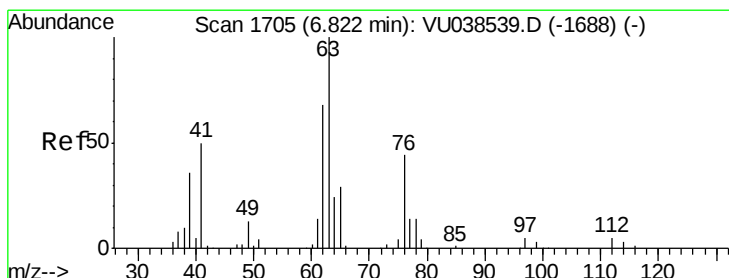
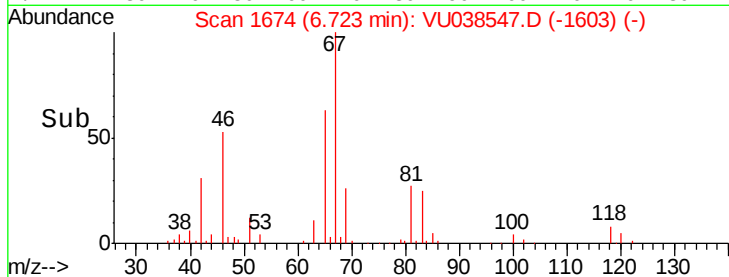
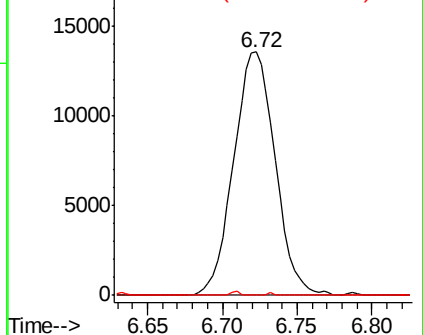
#35
Methvlcvclohexane
Concen: 0.752 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038547.D
Acq: 04 Jun 2020 14:33

Instrument :
MSVOA_U
ClientSampleId :
BFEP5

Tot Ion: 83 Resp: 26264
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 0.1 39.0 58.4#

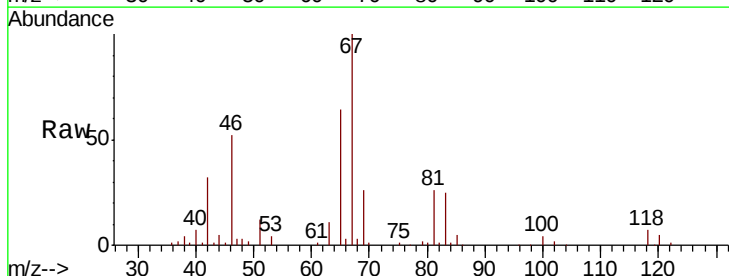


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

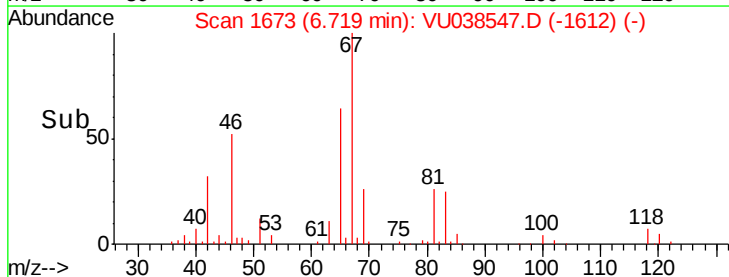
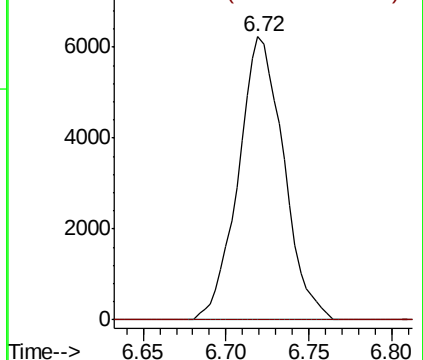


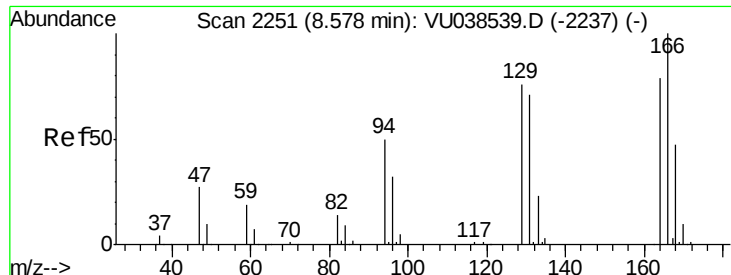
#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038547.D
Acq: 04 Jun 2020 14:33

Tgt Ion: 63 Resp: 11861
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 5.011 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038547.D

Acq: 04 Jun 2020 14:33

Instrument :

MSVOA_U

ClientSampleId :

BFEP5

Tot Ion:164 Resp: 82114

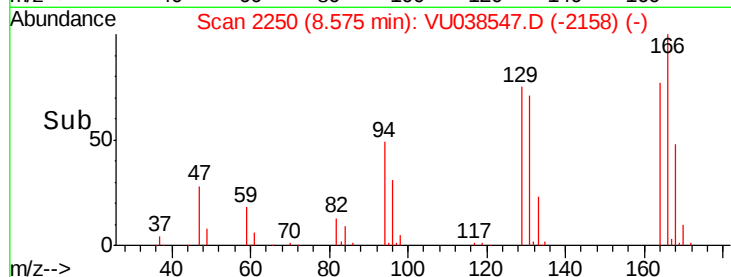
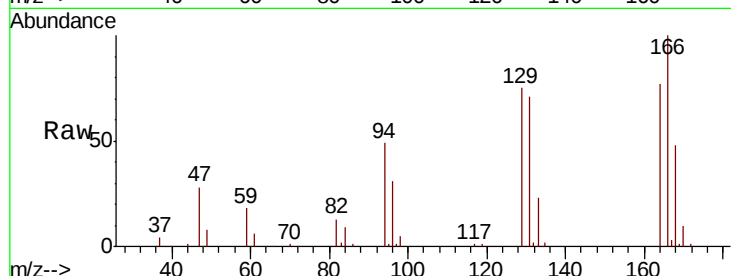
Ion Ratio Lower Upper

164 100

129 96.7 67.4 125.2

131 91.4 64.1 119.1

166 129.3 85.7 159.1

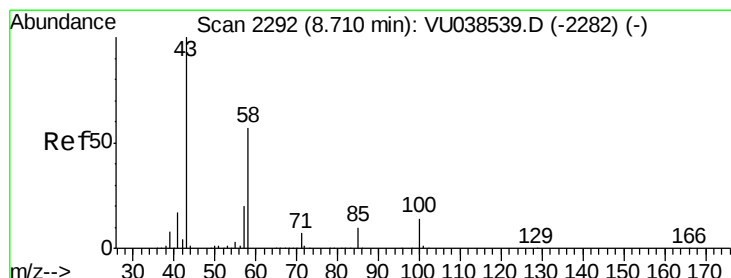
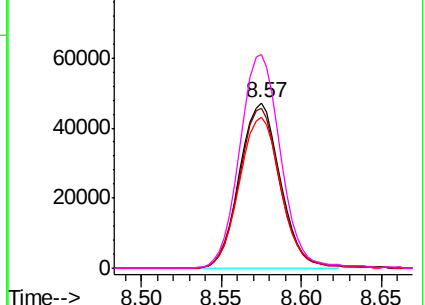


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.055 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038547.D

Acq: 04 Jun 2020 14:33

Tgt Ion: 43 Resp: 12496

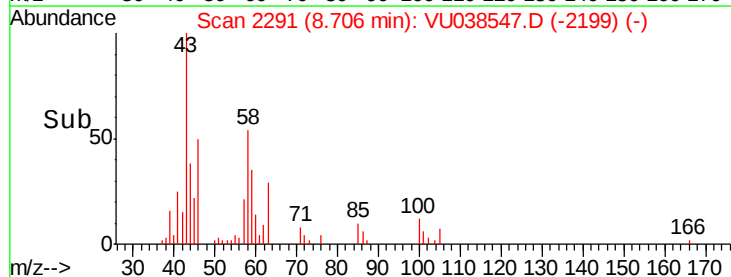
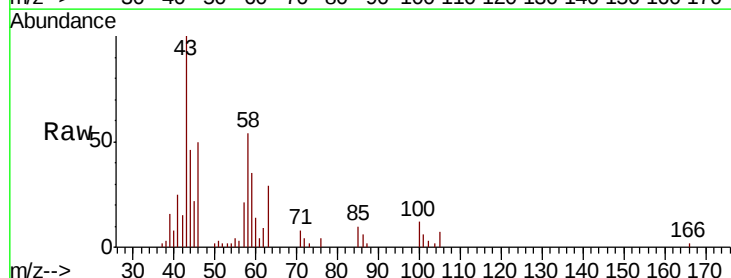
Ion Ratio Lower Upper

43 100

58 59.6 45.4 68.0

57 24.2 15.9 23.9#

100 11.3 10.5 15.7

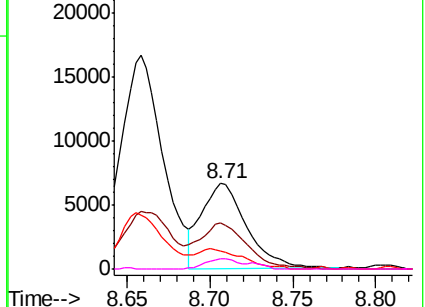


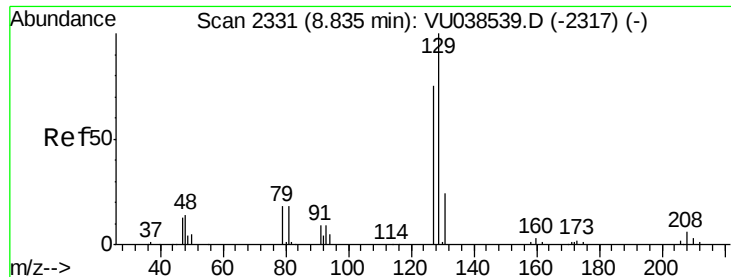
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 4.325 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU038547.D

Acq: 04 Jun 2020 14:33

Instrument :

MSVOA_U

ClientSampled :

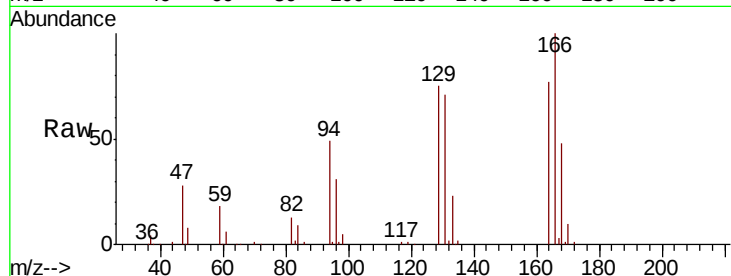
BFEP5

Tot Ion:129 Resp: 77025

Ion Ratio Lower Upper

129 100

127 0.0 53.3 99.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57

50000

40000

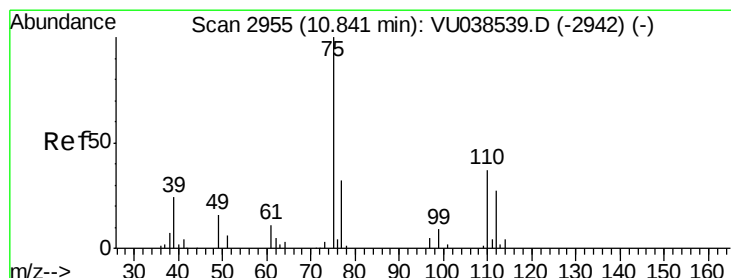
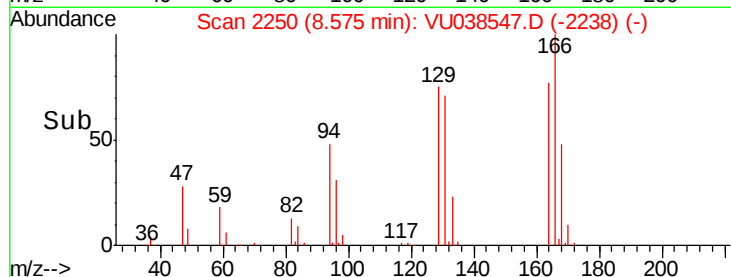
30000

20000

10000

0

Time--> 8.50 8.55 8.60 8.65



#59

1,2,3-Trichloropropane

Concen: 1.080 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038547.D

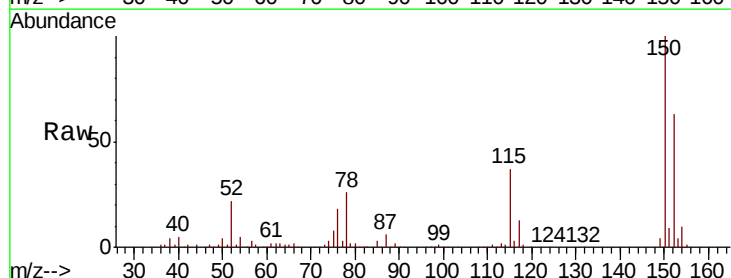
Acq: 04 Jun 2020 14:33

Tgt Ion: 75 Resp: 17633

Ion Ratio Lower Upper

75 100

77 41.4 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

12000

10000

8000

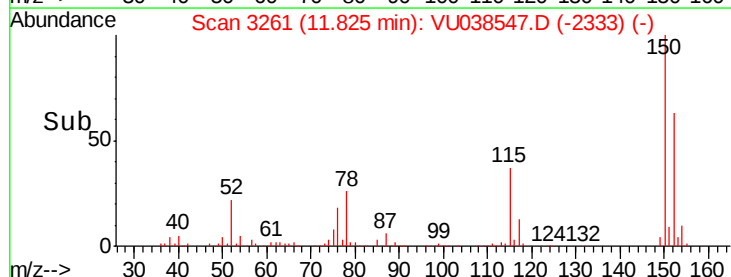
6000

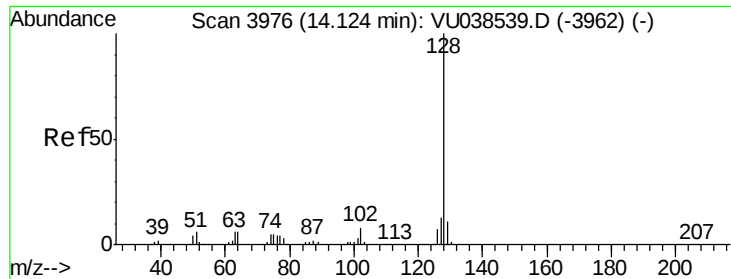
4000

2000

0

Time--> 11.75 11.80 11.85





#69

Naphthalene

Concen: 0.514 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038547.D

Acq: 04 Jun 2020 14:33

Instrument :

MSVOA_U

ClientSampleId :

BFEP5

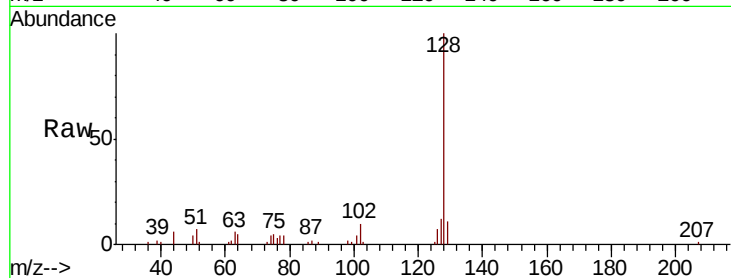
Tot Ion:128 Resp: 30081

Ion Ratio Lower Upper

128 100

129 10.2 8.9 13.3

127 12.5 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

