

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039079.D
 Acq On : 24 Jun 2020 22:46
 Operator : SY/MD
 Sample : L3109-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F59

Quant Time: Jun 25 02:36:53 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	264894	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	266979	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	110962	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101613	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.93	69	90510	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.59	63	149255	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.67	46	414495	59.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.42%
24) Chloroform-d	5.10	84	208022	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.74	65	129538	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	404595	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.72	67	134084	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.92	98	314037	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	8.20	79	53706	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.65	63	326235	58.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121117	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	123221	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

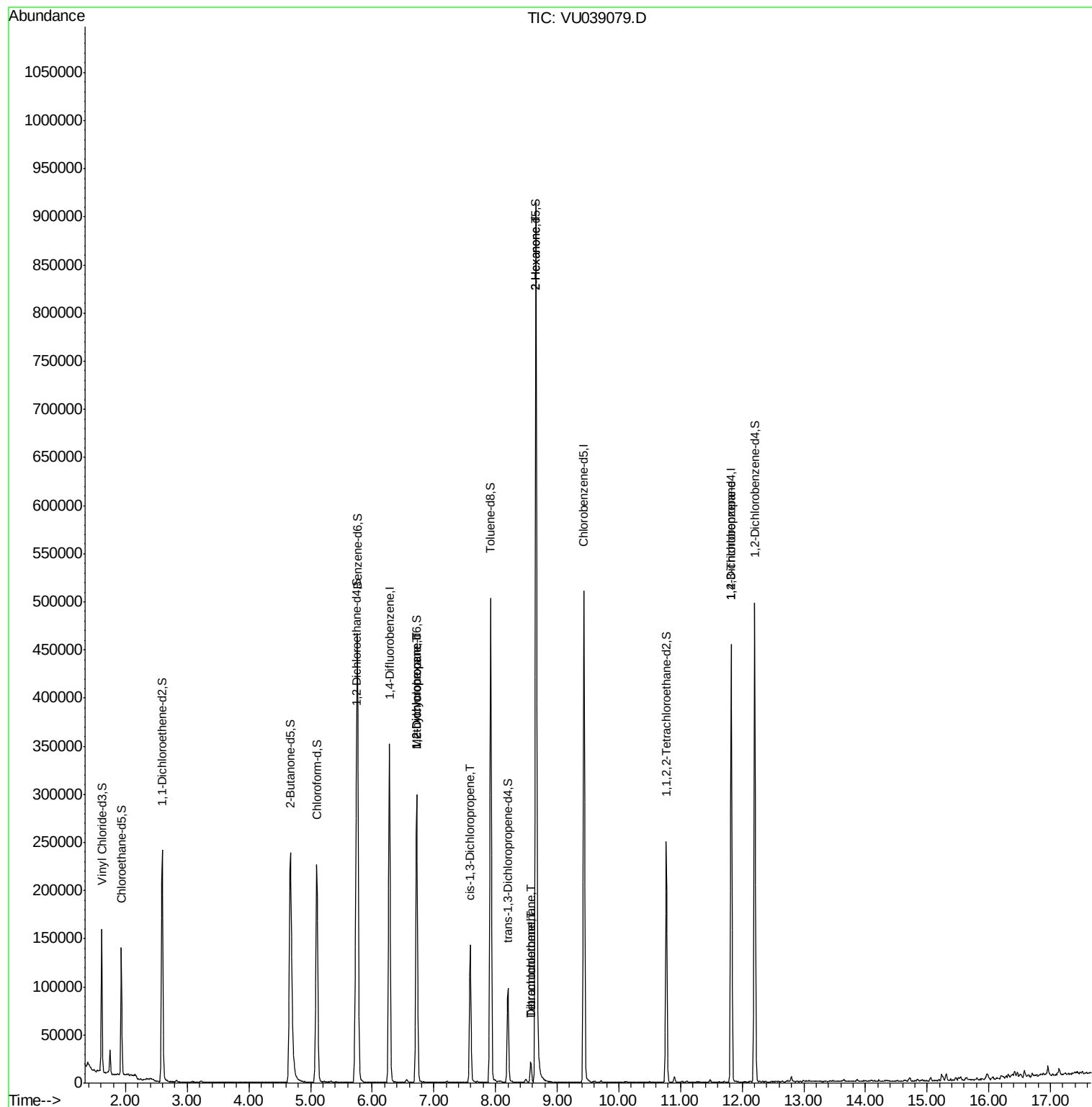
					Ovalue
35) Methylcyclohexane	6.72	83	31993	1.063 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15250	0.671 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3769	0.120 ug/L #	83
47) Tetrachloroethene	8.57	164	4431	0.303 ug/L	95
48) 2-Hexanone	8.65	43	39619	3.186 ug/L #	69
49) Dibromochloromethane	8.57	129	4437	0.242 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	15785	0.921 ug/L	92

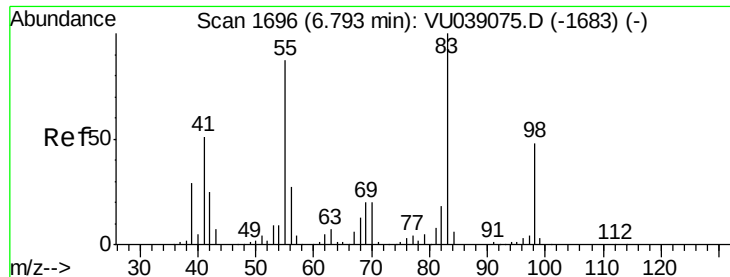
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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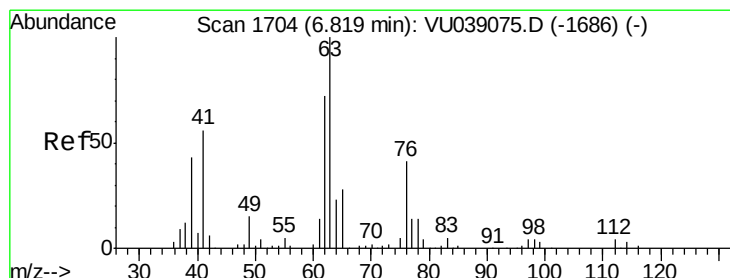
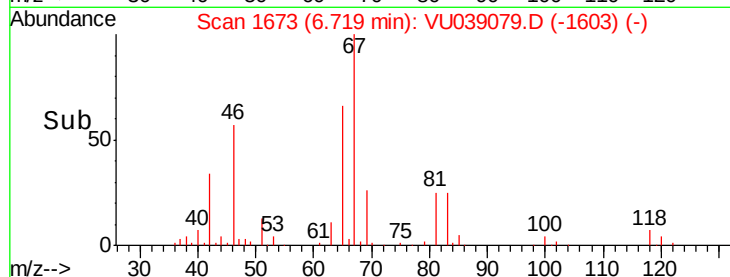
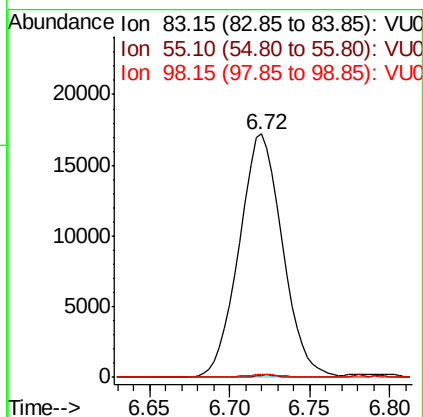
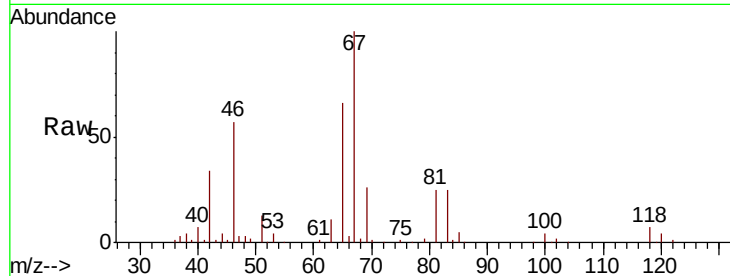




#35
Methylvlcyclohexane
Concen: 1.063 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039079.D
Acq: 24 Jun 2020 22:46

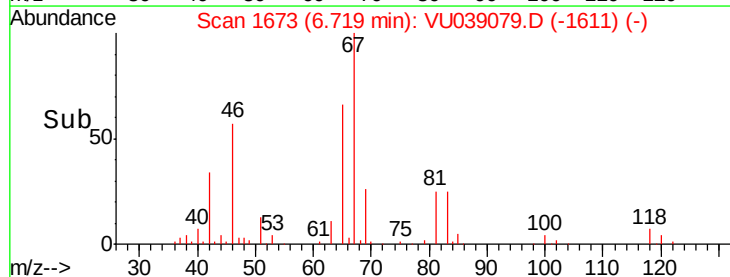
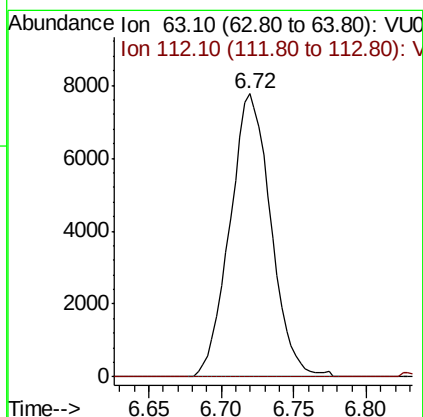
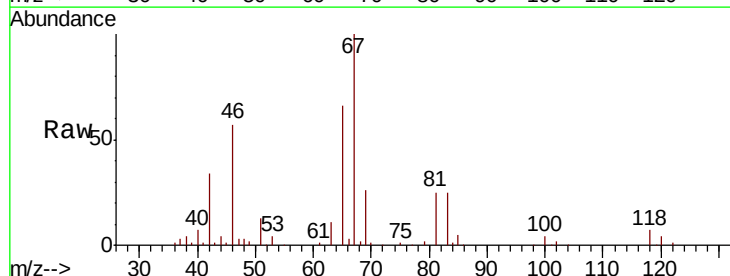
Instrument :
MSVOA_U
ClientSampleId :
F9F59

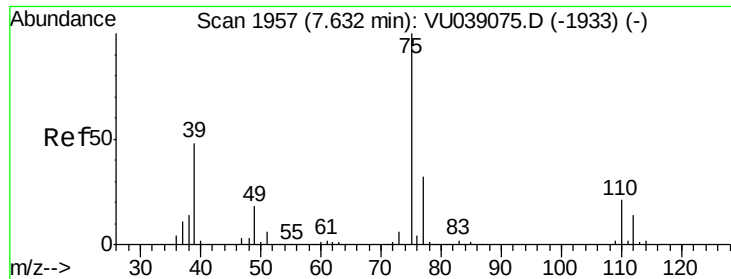
Tot Ion: 83 Resp: 31993
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 1.0 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039079.D
Acq: 24 Jun 2020 22:46

Tgt Ion: 63 Resp: 15250
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#

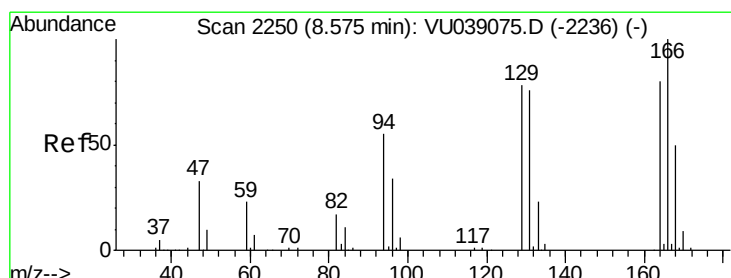
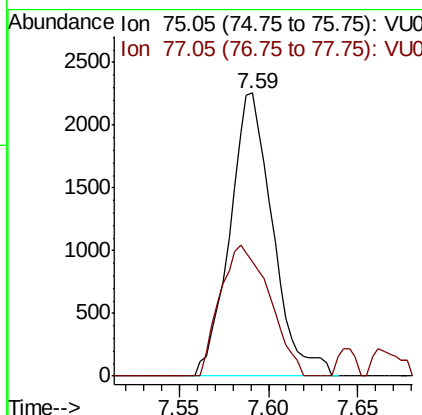
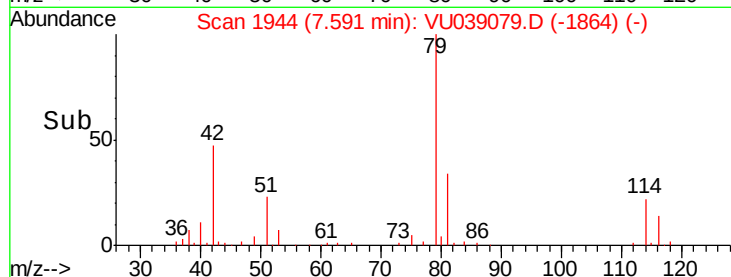
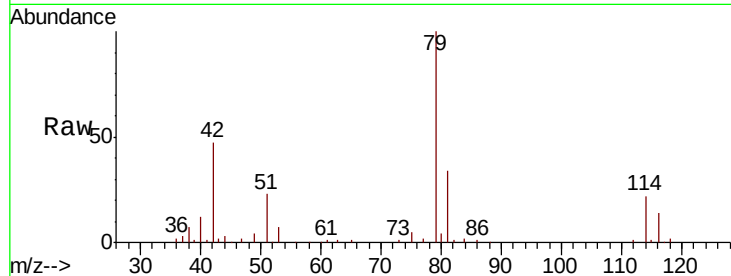




#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039079.D
 Acq: 24 Jun 2020 22:46

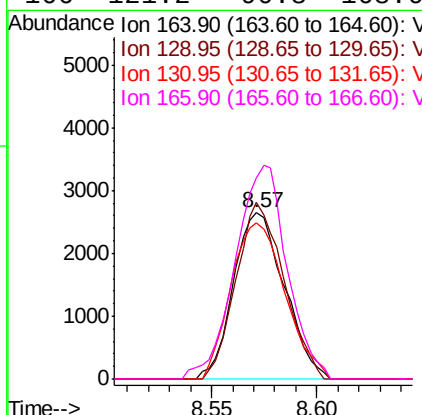
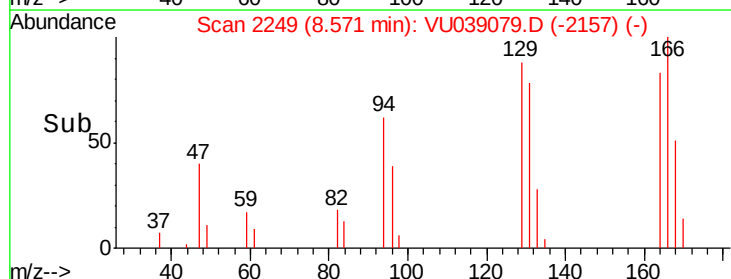
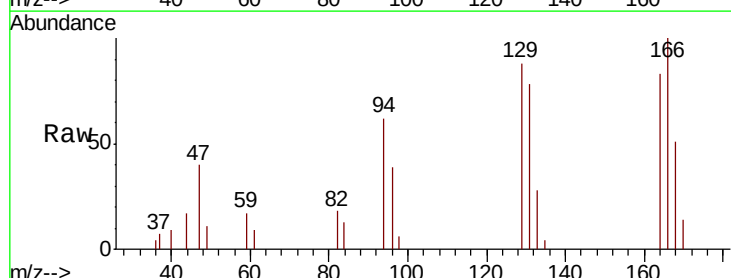
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F59

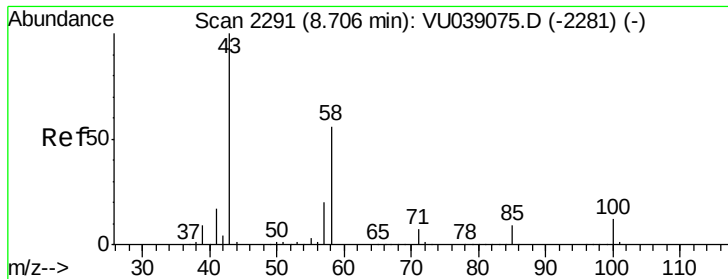
Tot Ion: 75 Resp: 3769
 Ion Ratio Lower Upper
 75 100
 77 40.3 21.6 40.0#



#47
 Tetrachloroethene
 Concen: 0.303 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU039079.D
 Acq: 24 Jun 2020 22:46

Tgt Ion:164 Resp: 4431
 Ion Ratio Lower Upper
 164 100
 129 106.4 71.3 132.5
 131 93.9 68.3 126.8
 166 121.2 90.8 168.6





#48

2-Hexanone

Concen: 3.186 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU039079.D

Acq: 24 Jun 2020 22:46

Instrument :

MSVOA_U

ClientSampleId :

F9F59

Tot Ion: 43 Resp: 39619

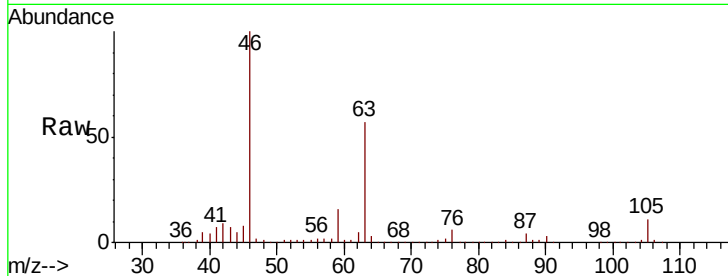
Ion Ratio Lower Upper

43 100

58 29.2 44.0 66.0#

57 27.6 15.0 22.6#

100 1.6 9.4 14.2#

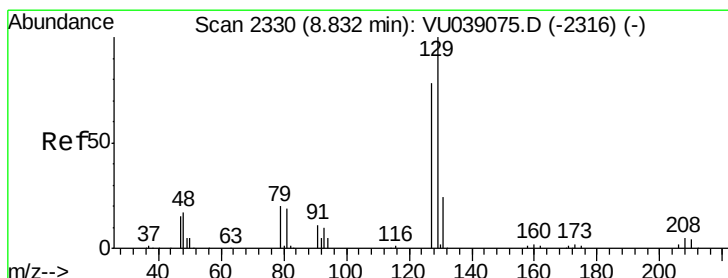
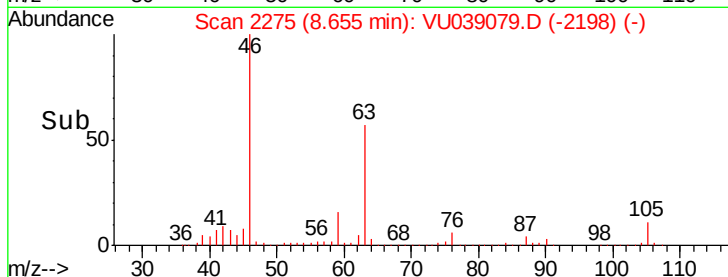
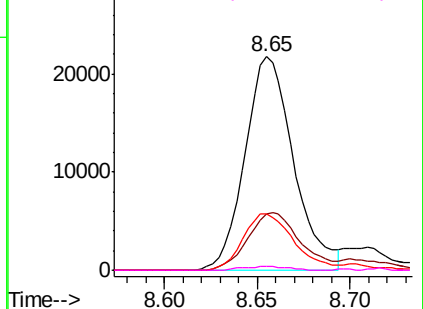


Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.242 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039079.D

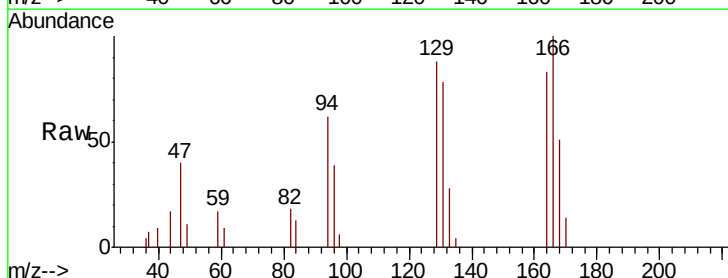
Acq: 24 Jun 2020 22:46

Tgt Ion: 129 Resp: 4437

Ion Ratio Lower Upper

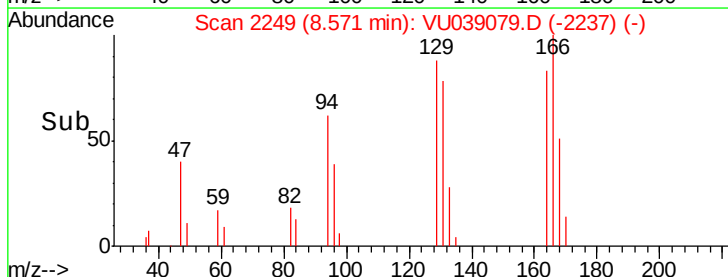
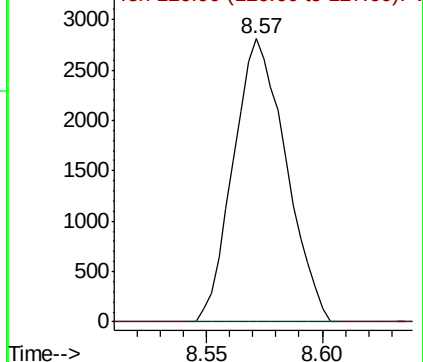
129 100

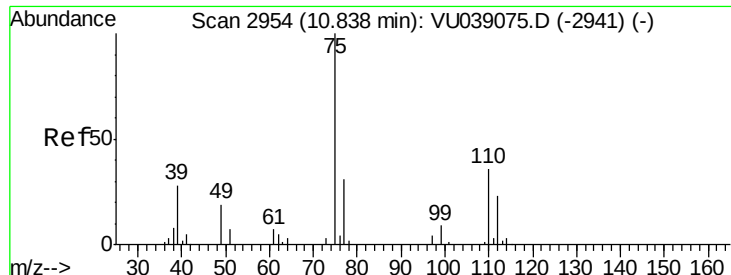
127 0.0 55.4 103.0#



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: 0.921 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039079.D

Acq: 24 Jun 2020 22:46

Instrument :

MSVOA_U

ClientSampleId :

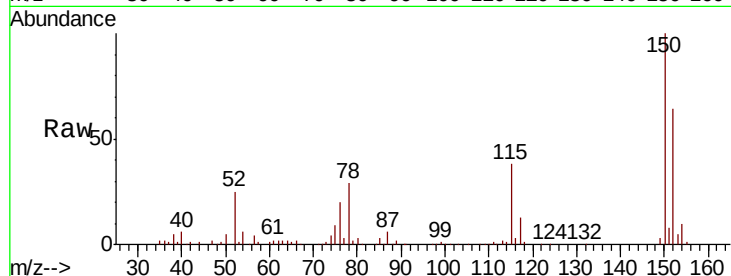
F9F59

Tot Ion: 75 Resp: 15785

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

