

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039133.D
 Acq On : 25 Jun 2020 23:32
 Operator : SY/MD
 Sample : L3121-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F08

Quant Time: Jun 26 04:22:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	259396	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258052	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	111849	5.00	ug/L	0.00

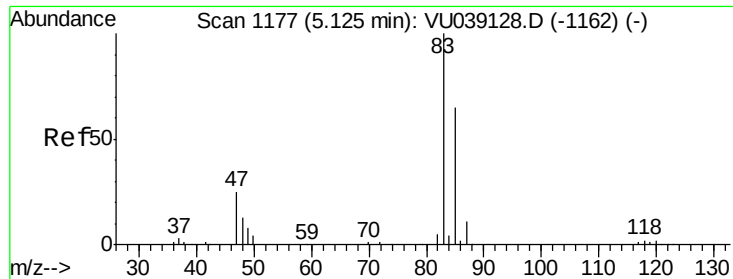
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	74882	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.93	69	75591	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	114462	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.68	46	414287	60.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.86%
24) Chloroform-d	5.10	84	180619	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.74	65	115930	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.76	84	337875	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.72	67	116089	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.92	98	261546	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.20	79	47096	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.65	63	312444	57.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108176	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	109717	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	5.12	83	10217	0.266	ug/L	96
34) Trichloroethene	6.57	95	5442	0.277	ug/L	89
35) Methylcyclohexane	6.72	83	27357	0.940	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13183	0.600	ug/L #	87
38) Bromodichloromethane	7.13	83	2577	0.094	ug/L #	93
39) cis-1,3-Dichloropropene	7.59	75	3207	0.105	ug/L #	73
47) Tetrachloroethene	8.57	164	134528	9.517	ug/L	99
48) 2-Hexanone	8.65	43	38166	3.175	ug/L #	68
49) Dibromochloromethane	8.57	129	132478	7.462	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	14754	0.891	ug/L #	85

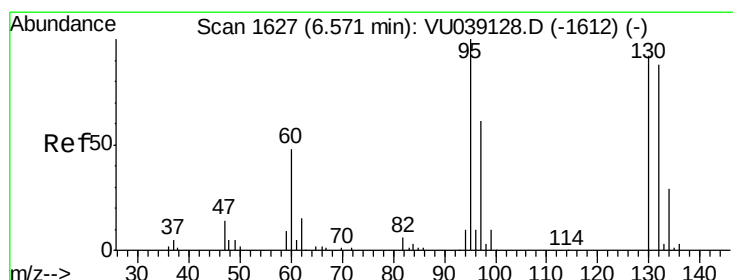
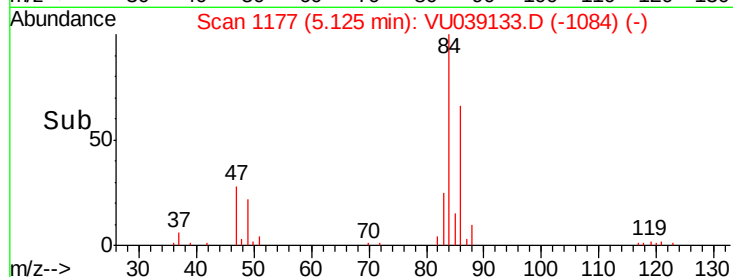
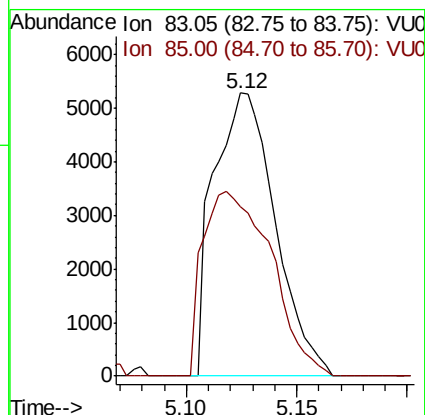
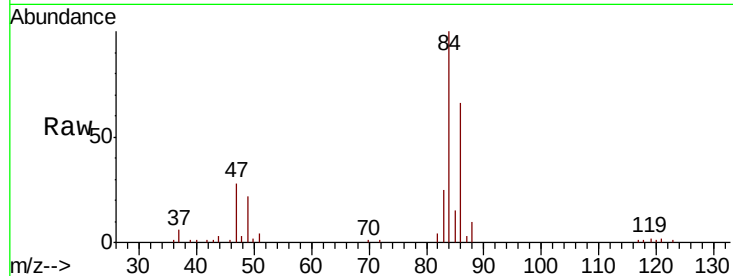
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#25
Chloroform
Concen: 0.266 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU039133.D
Acq: 25 Jun 2020 23:32

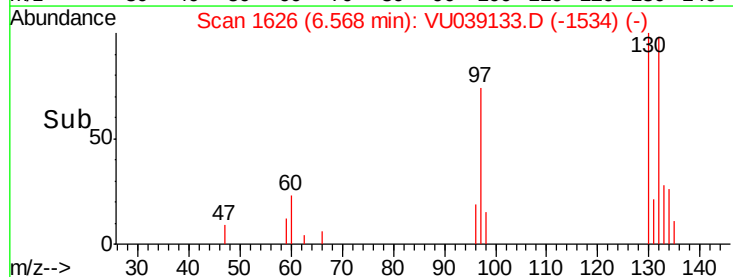
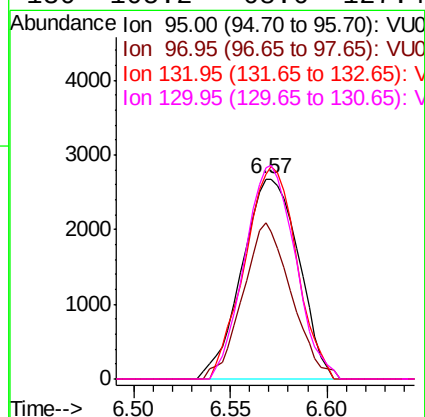
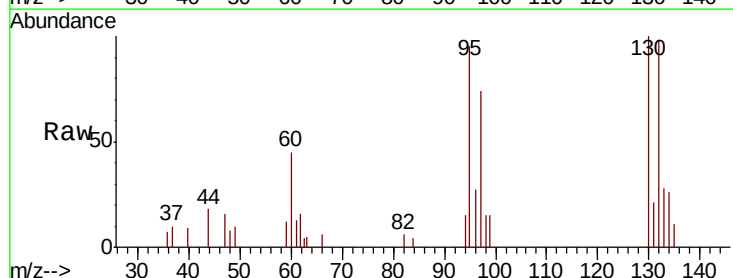
Instrument :
MSVOA_U
ClientSampleId :
F9F08

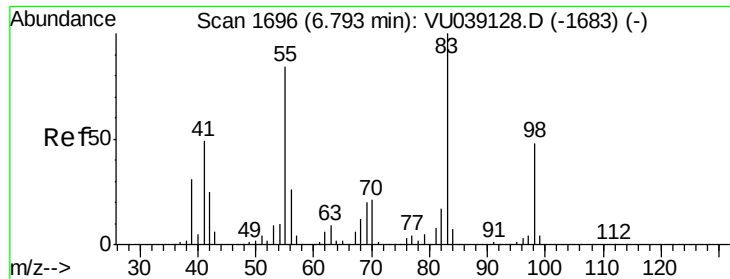
Tot Ion: 83 Resp: 10217
Ion Ratio Lower Upper
83 100
85 59.8 43.8 81.4



#34
Trichloroethene
Concen: 0.277 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU039133.D
Acq: 25 Jun 2020 23:32

Tgt Ion: 95 Resp: 5442
Ion Ratio Lower Upper
95 100
97 77.7 45.1 83.7
132 102.6 65.1 120.9
130 105.2 68.6 127.4

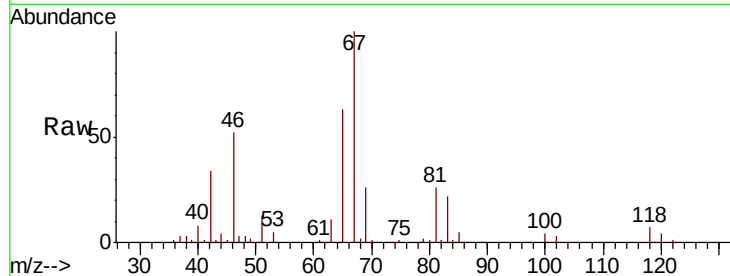




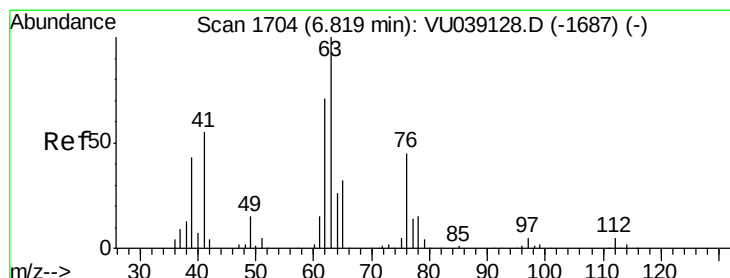
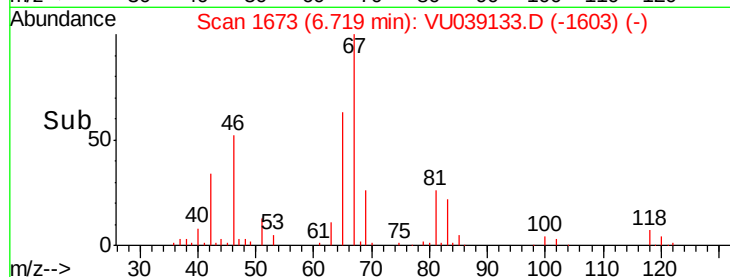
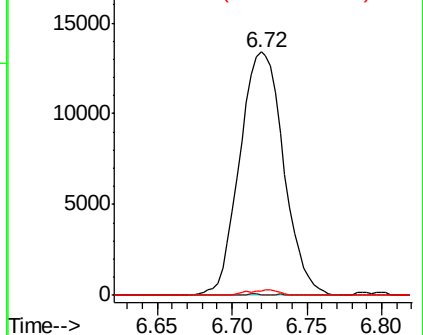
#35
Methylvlcyclohexane
Concen: 0.940 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039133.D
Acq: 25 Jun 2020 23:32

Instrument :
MSVOA_U
ClientSampleId :
F9F08

Tot Ion	83	Resp	27357
Ion Ratio	Lower	Upper	
83	100		
55	0.1	65.5	98.3#
98	1.6	36.5	54.7#

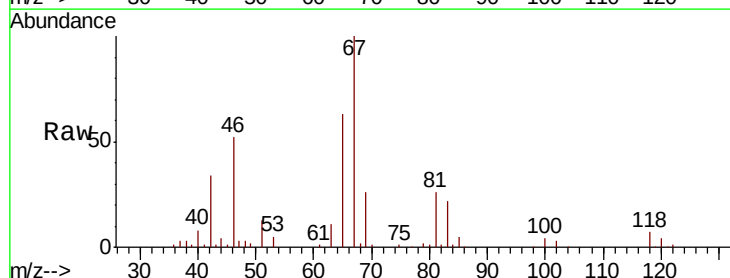


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

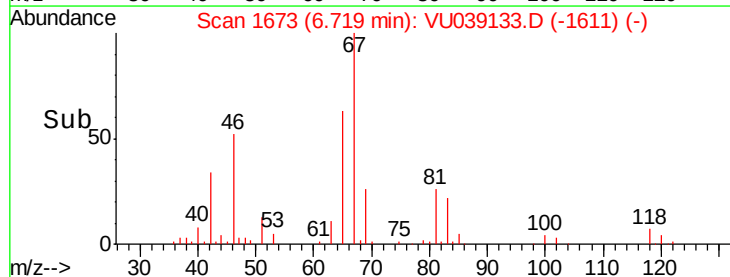
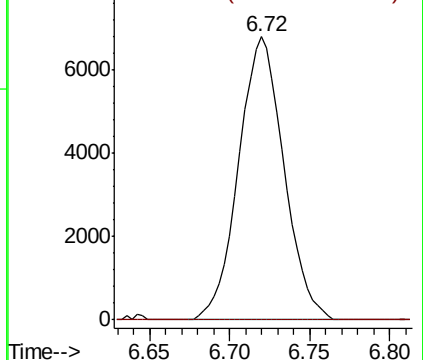


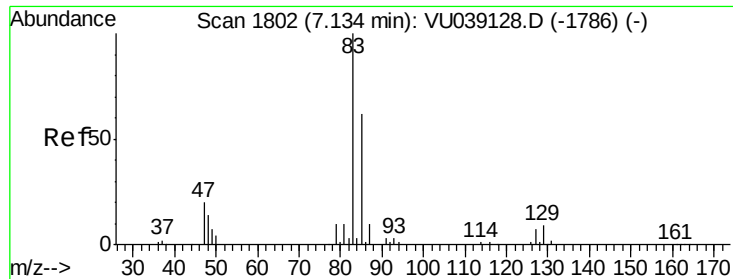
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039133.D
Acq: 25 Jun 2020 23:32

Tgt Ion	63	Resp	13183
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.2#



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





#38

Bromodichloromethane

Concen: 0.094 ug/L

RT: 7.13 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VU039133.D

Acq: 25 Jun 2020 23:32

Instrument :

MSVOA_U

ClientSampleId :

F9F08

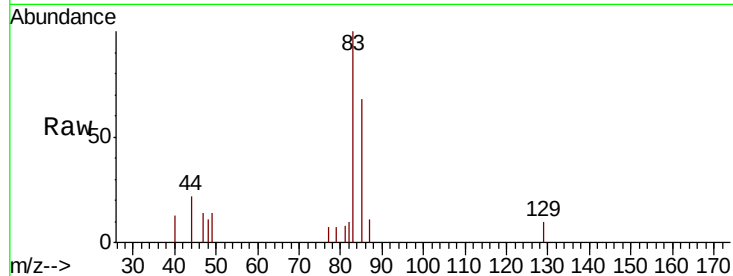
Tot Ion: 83 Resp: 2577

Ion Ratio Lower Upper

83 100

85 68.3 44.9 83.3

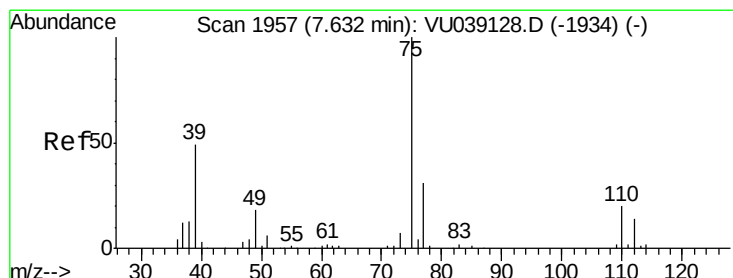
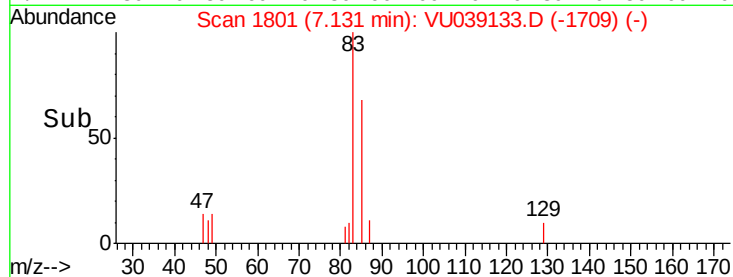
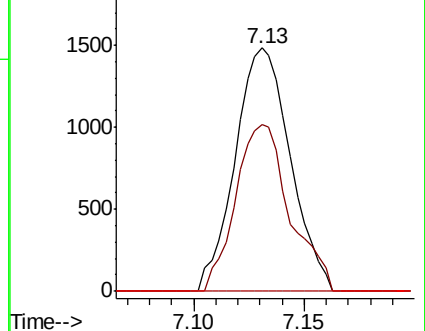
127 0.0 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU039133.D (-1786) (-)

Ion 85.00 (84.70 to 85.70): VU039133.D (-1786) (-)

Ion 126.90 (126.60 to 127.60): VU039133.D (-1786) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU039133.D

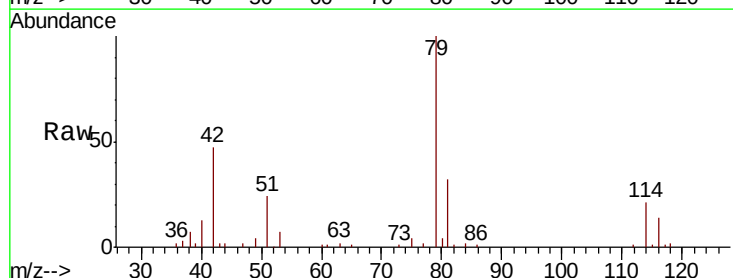
Acq: 25 Jun 2020 23:32

Tgt Ion: 75 Resp: 3207

Ion Ratio Lower Upper

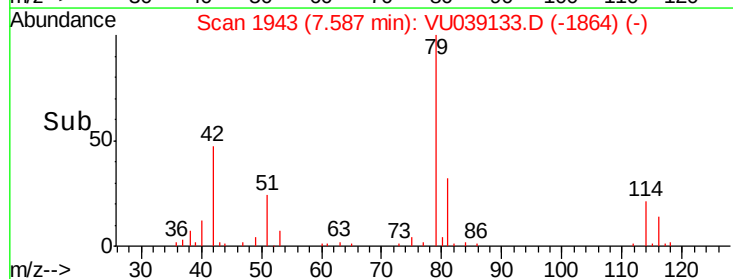
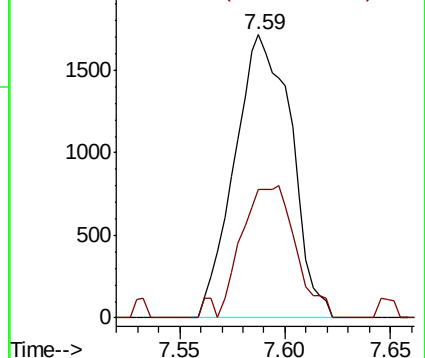
75 100

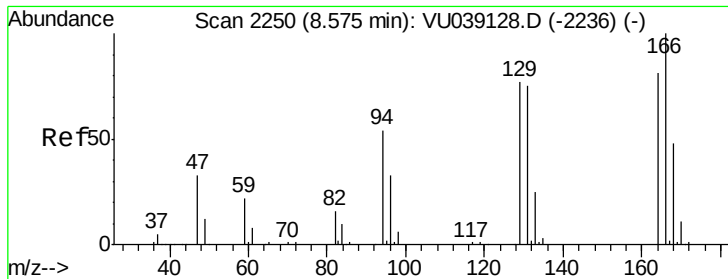
77 45.4 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039133.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU039133.D (-1864) (-)





#47

Tetrachloroethene

Concen: 9.517 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039133.D

Acq: 25 Jun 2020 23:32

Instrument :

MSVOA_U

ClientSampleId :

F9F08

Tot Ion:164 Resp: 134528

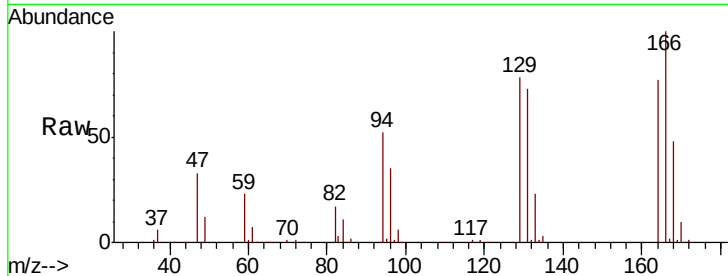
Ion Ratio Lower Upper

164 100

129 100.9 71.3 132.5

131 95.4 68.3 126.8

166 130.2 90.8 168.6

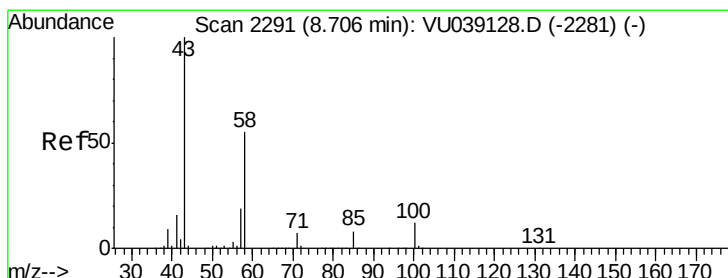
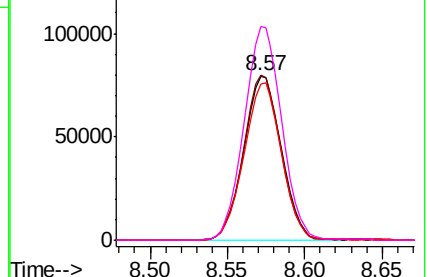
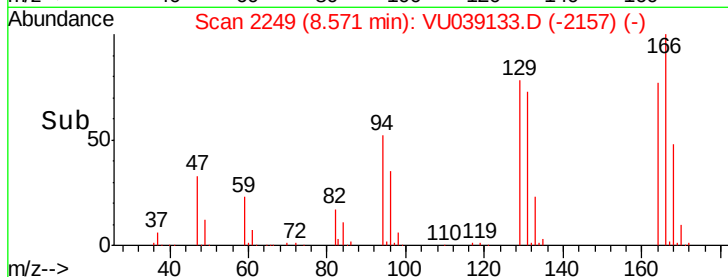


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.175 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU039133.D

Acq: 25 Jun 2020 23:32

Tgt Ion: 43 Resp: 38166

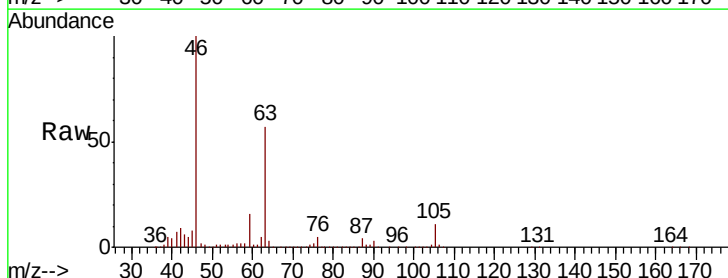
Ion Ratio Lower Upper

43 100

58 27.7 44.0 66.0#

57 26.3 15.0 22.6#

100 0.7 9.4 14.2#

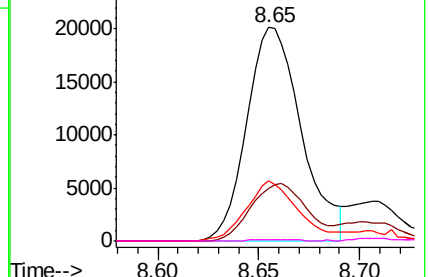
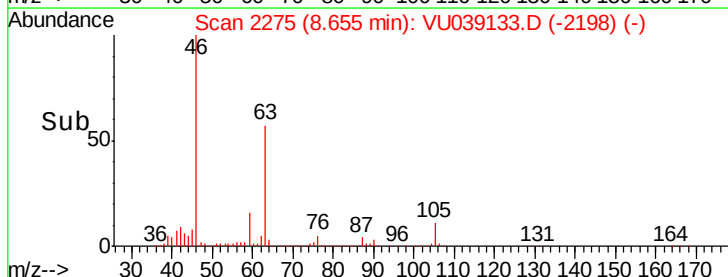


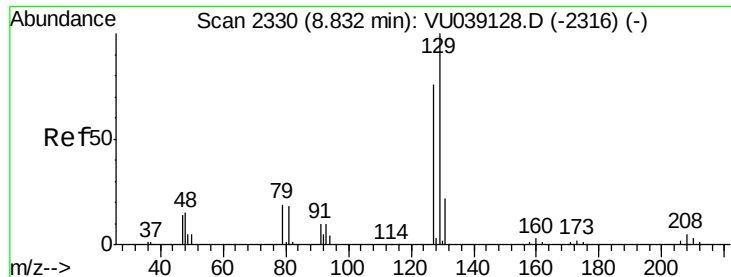
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 7.462 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039133.D

Acq: 25 Jun 2020 23:32

Instrument :

MSVOA_U

ClientSampleId :

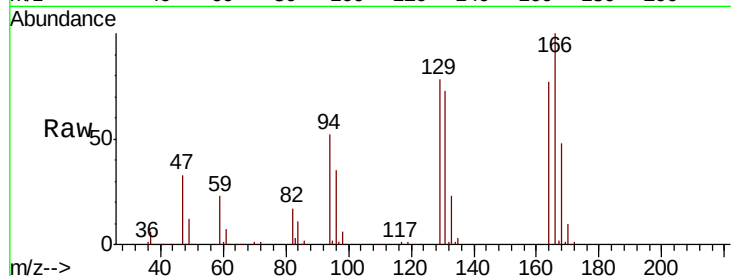
F9F08

Tot Ion:129 Resp: 132478

Ion Ratio Lower Upper

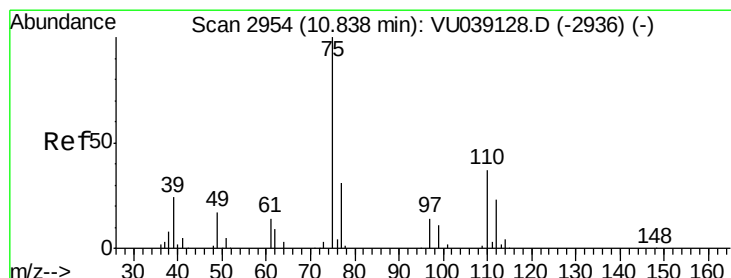
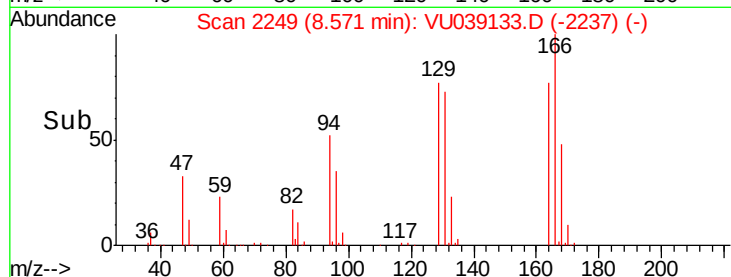
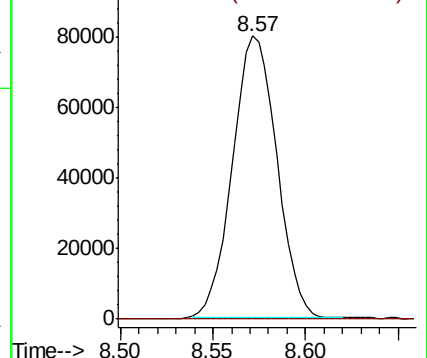
129 100

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: 0.891 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039133.D

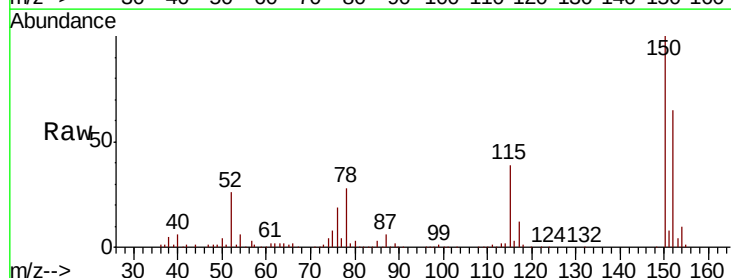
Acq: 25 Jun 2020 23:32

Tgt Ion: 75 Resp: 14754

Ion Ratio Lower Upper

75 100

77 40.9 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

