

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039093.D
 Acq On : 25 Jun 2020 04:08
 Operator : SY/MD
 Sample : L3110-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F24

Quant Time: Jun 25 06:42:25 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	253895	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	107429	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94587	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.93	69	87266	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.59	63	139393	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.67	46	409396	61.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.02%
24) Chloroform-d	5.10	84	203427	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.74	65	126309	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.76	84	393200	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.72	67	130796	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.92	98	306532	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	8.20	79	50804	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.65	63	323595	60.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115860	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	118819	5.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.80%

Target Compounds

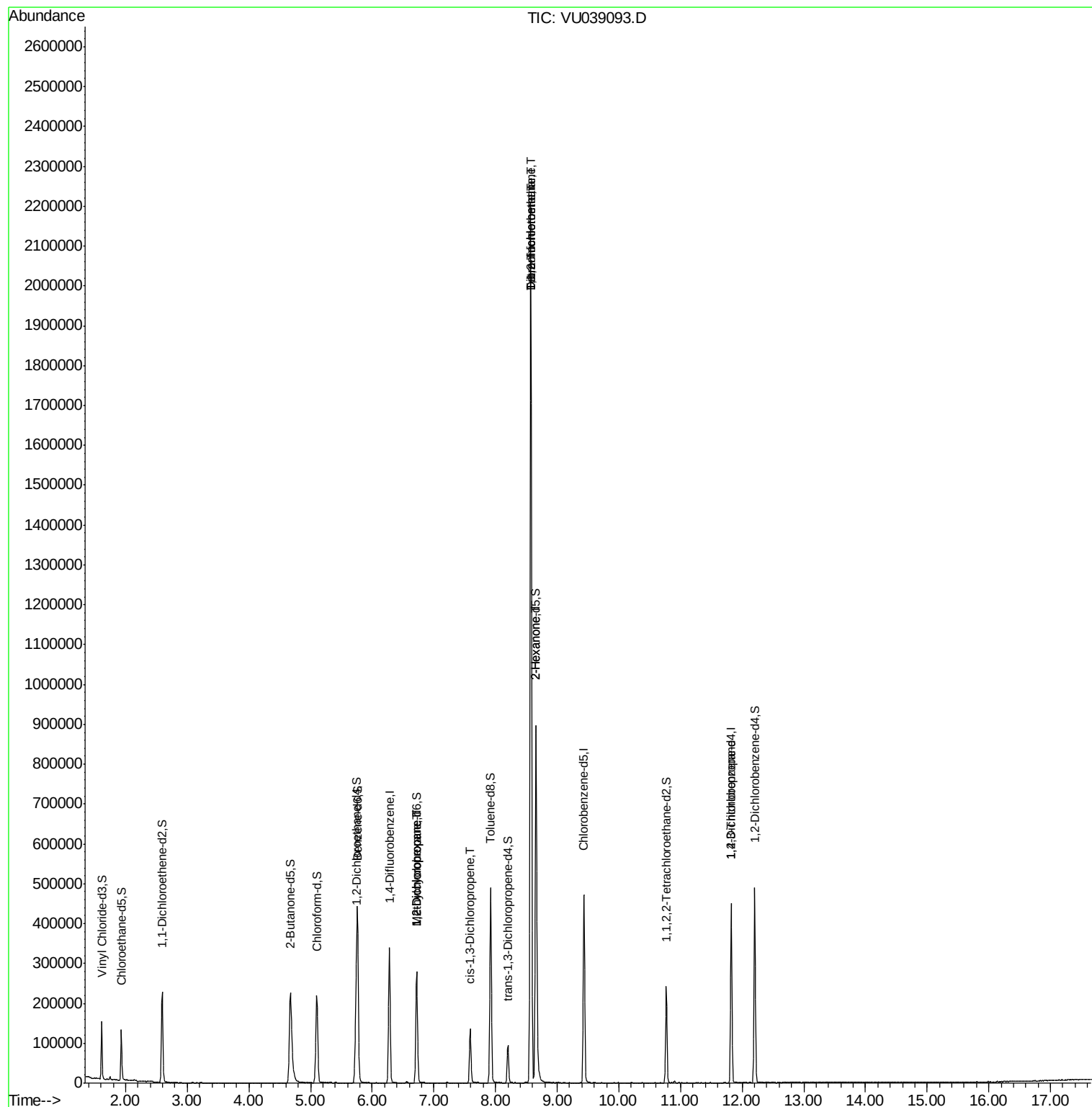
					Ovalue
35) Methylcyclohexane	6.72	83	30496	1.054	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	15253	0.699	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3611	0.119	ug/L # 72
45) 1,1,2-Trichloroethane	8.57	97	4304	0.265	ug/L # 1
47) Tetrachloroethene	8.57	164	458722	32.646	ug/L # 97
48) 2-Hexanone	8.65	43	40936	3.426	ug/L # 70
49) Dibromochloromethane	8.57	129	449167	25.451	ug/L # 10
59) 1,2,3-Trichloropropane	11.82	75	15122	0.919	ug/L # 94

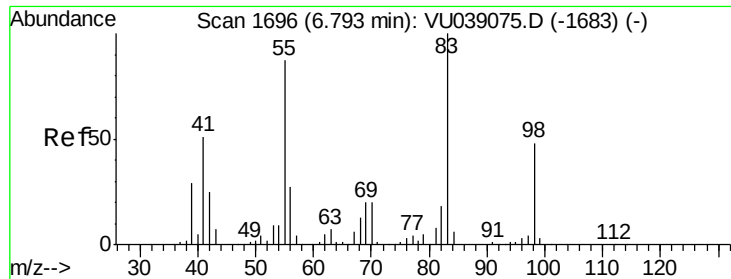
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

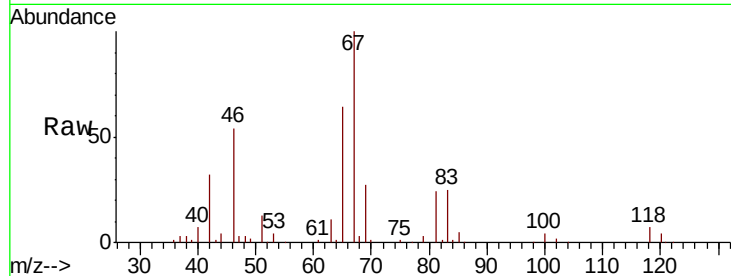




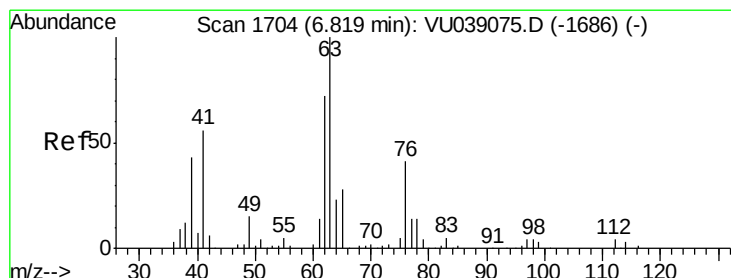
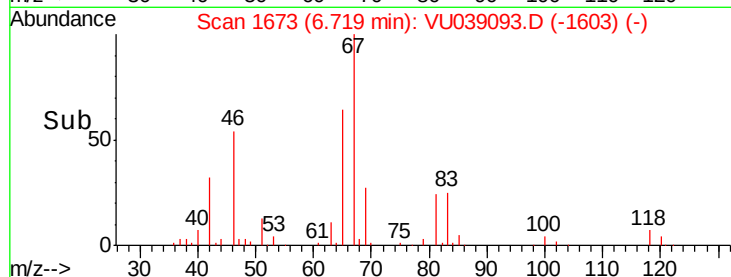
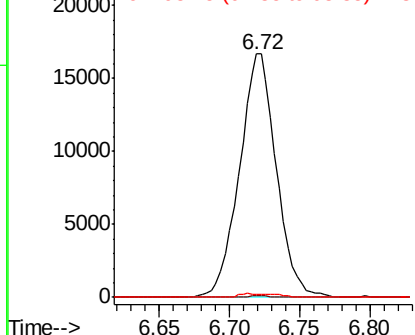
#35
Methylvlcyclohexane
Concen: 1.054 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039093.D
Acq: 25 Jun 2020 04:08

Instrument :
MSVOA_U
ClientSampleId :
F9F24

Tot Ion: 83 Resp: 30496
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 0.7 36.5 54.7#

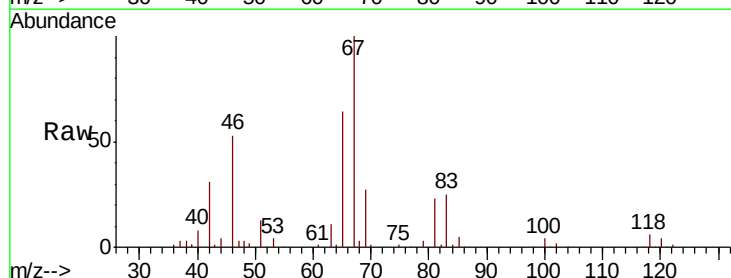


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

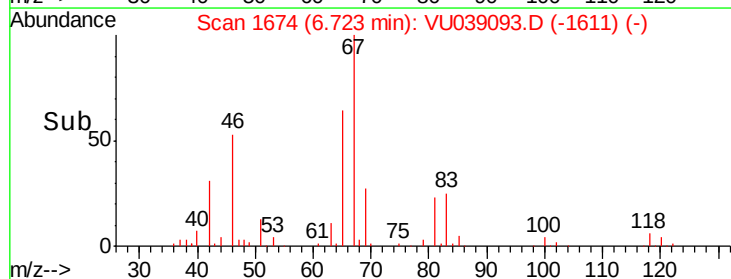
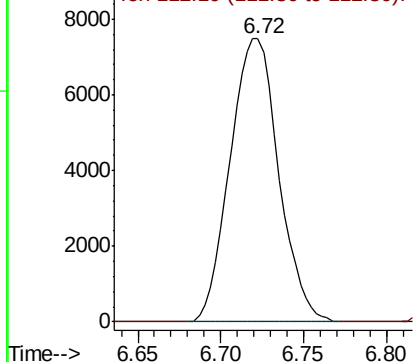


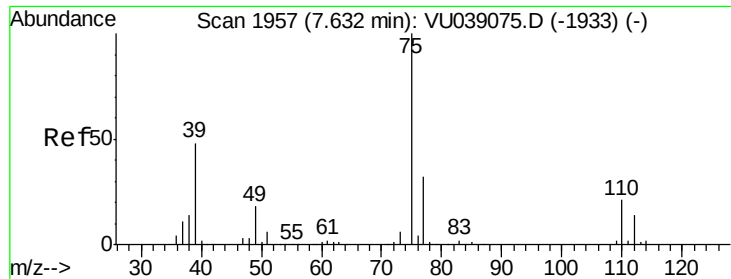
#37
1,2-Dichloropropane
Concen: 0.699 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039093.D
Acq: 25 Jun 2020 04:08

Tgt Ion: 63 Resp: 15253
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



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

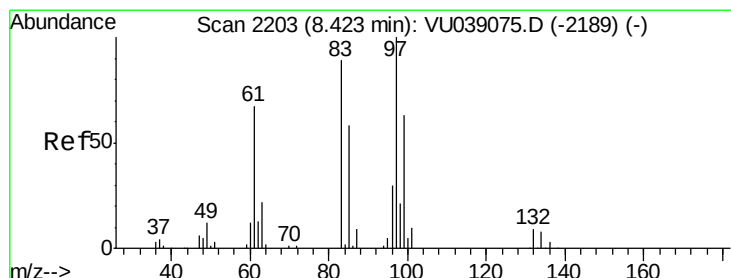
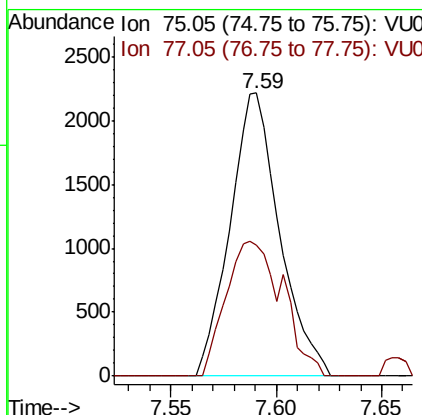
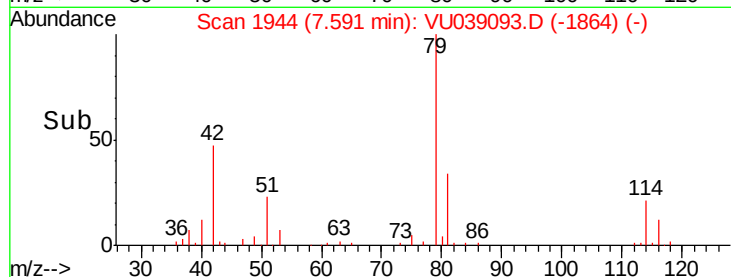
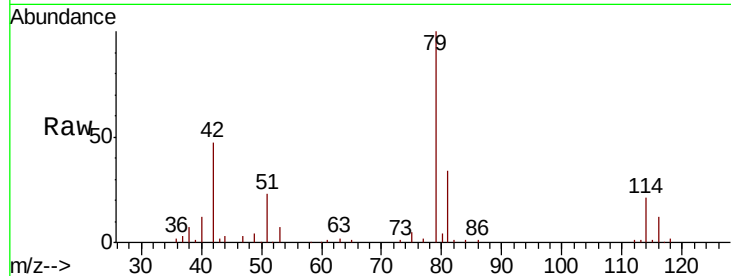




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039093.D
 Acq: 25 Jun 2020 04:08

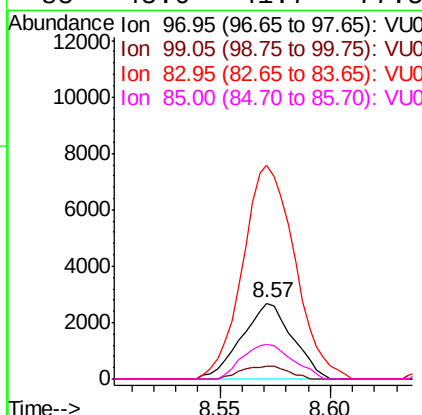
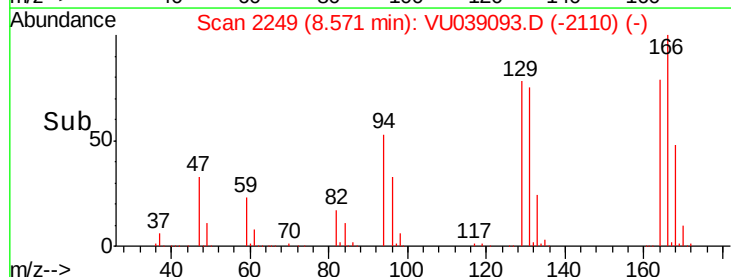
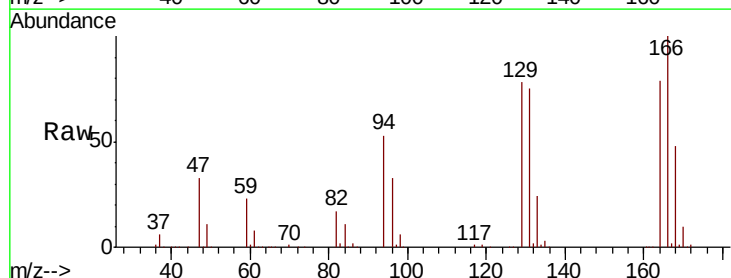
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F24

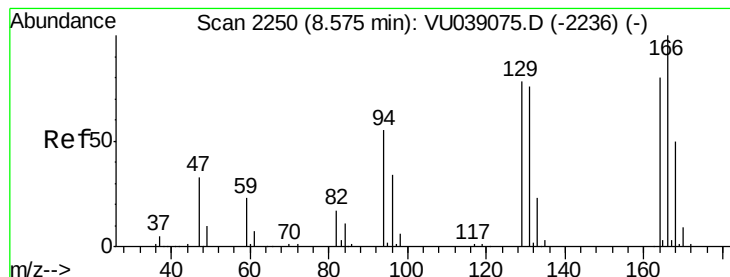
Tot Ion: 75 Resp: 3611
 Ion Ratio Lower Upper
 75 100
 77 46.4 21.6 40.0#



#45
 1,1,2-Trichloroethane
 Concen: 0.265 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. 0.15 min
 Lab File: VU039093.D
 Acq: 25 Jun 2020 04:08

Tgt Ion: 97 Resp: 4304
 Ion Ratio Lower Upper
 97 100
 99 16.2 45.4 84.4#
 83 281.5 64.4 119.6#
 85 45.0 41.7 77.5





#47

Tetrachloroethene

Concen: 32.646 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU039093.D

Acq: 25 Jun 2020 04:08

Instrument :

MSVOA_U

ClientSampleId :

F9F24

Tot Ion:164 Resp: 458722

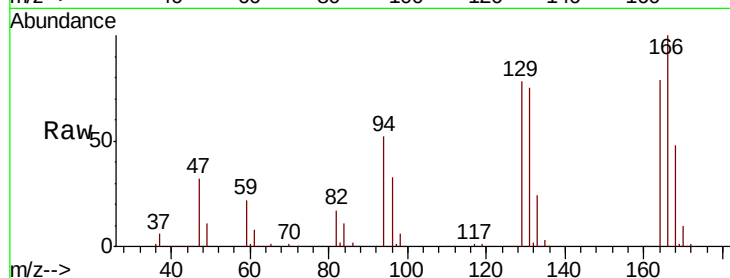
Ion Ratio Lower Upper

164 100

129 98.8 71.3 132.5

131 95.2 68.3 126.8

166 126.8 90.8 168.6

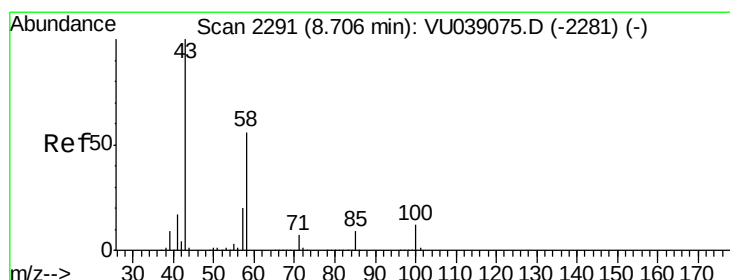
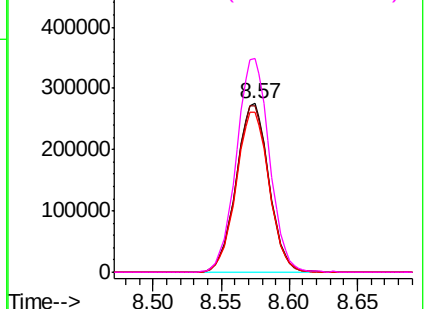
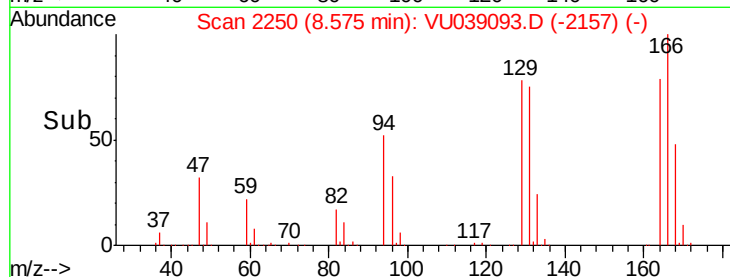


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.426 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU039093.D

Acq: 25 Jun 2020 04:08

Tgt Ion: 43 Resp: 40936

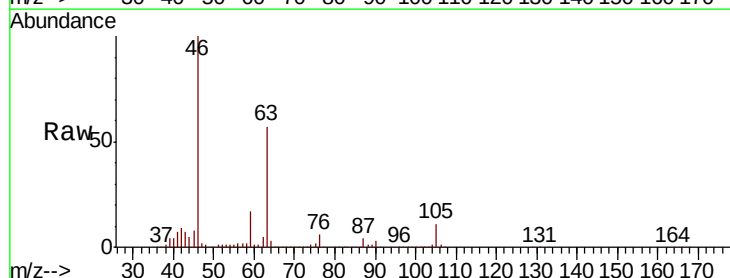
Ion Ratio Lower Upper

43 100

58 30.0 44.0 66.0#

57 27.0 15.0 22.6#

100 0.8 9.4 14.2#

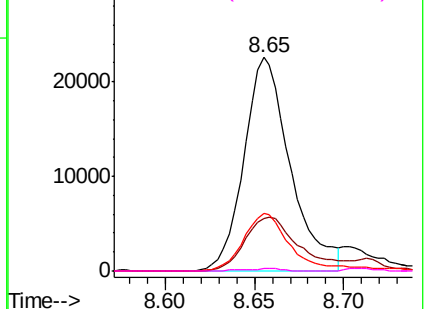
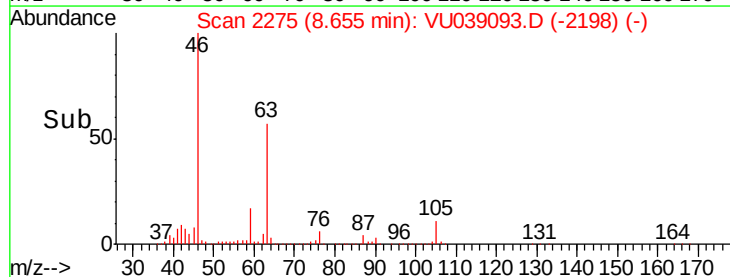


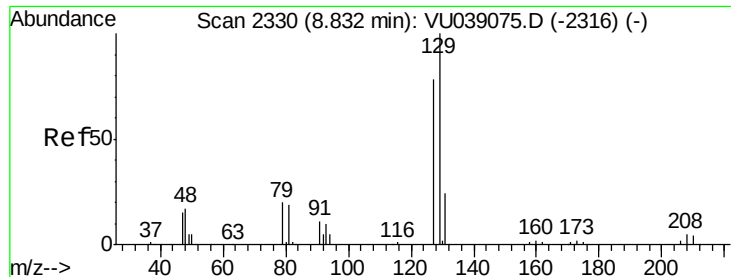
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 25.451 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU039093.D

Acq: 25 Jun 2020 04:08

Instrument :

MSVOA_U

ClientSampleId :

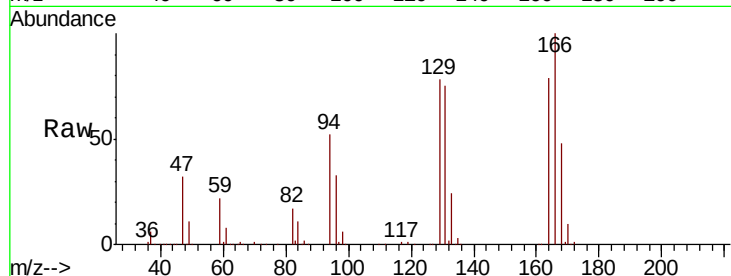
F9F24

Tot Ion:129 Resp: 449167

Ion Ratio Lower Upper

129 100

127 0.1 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

300000

250000

200000

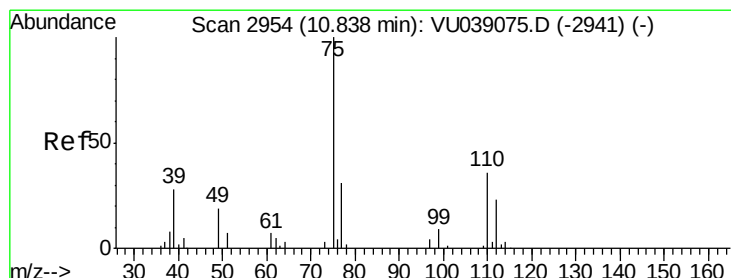
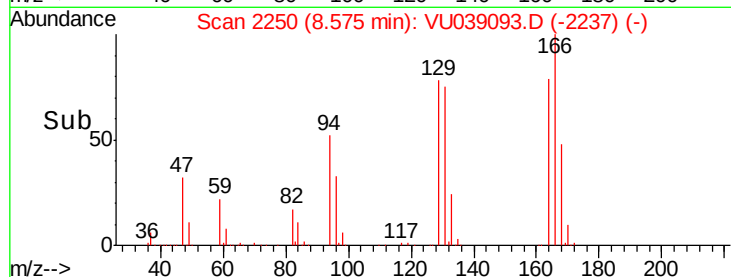
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65



#59

1,2,3-Trichloropropane

Concen: 0.919 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039093.D

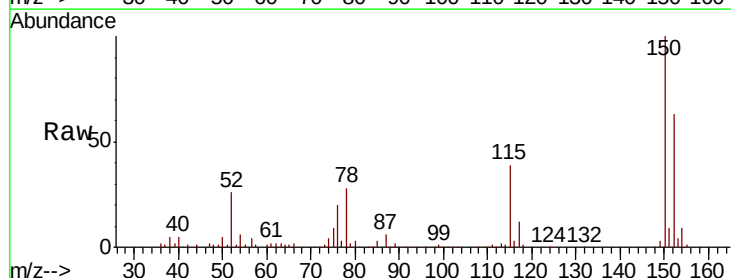
Acq: 25 Jun 2020 04:08

Tgt Ion: 75 Resp: 15122

Ion Ratio Lower Upper

75 100

77 36.1 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

Time--> 11.75 11.80 11.85

