

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039092.D
 Acq On : 25 Jun 2020 03:45
 Operator : SY/MD
 Sample : L3110-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F23

Quant Time: Jun 25 06:42:18 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	252508	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	254098	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110278	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95286	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.93	69	88171	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.59	63	144651	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	4.67	46	412796	61.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.72%
24) Chloroform-d	5.10	84	201027	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.74	65	125844	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.76	84	392543	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.72	67	129957	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.92	98	302504	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	8.20	79	51005	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.65	63	323556	60.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	117573	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	120692	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

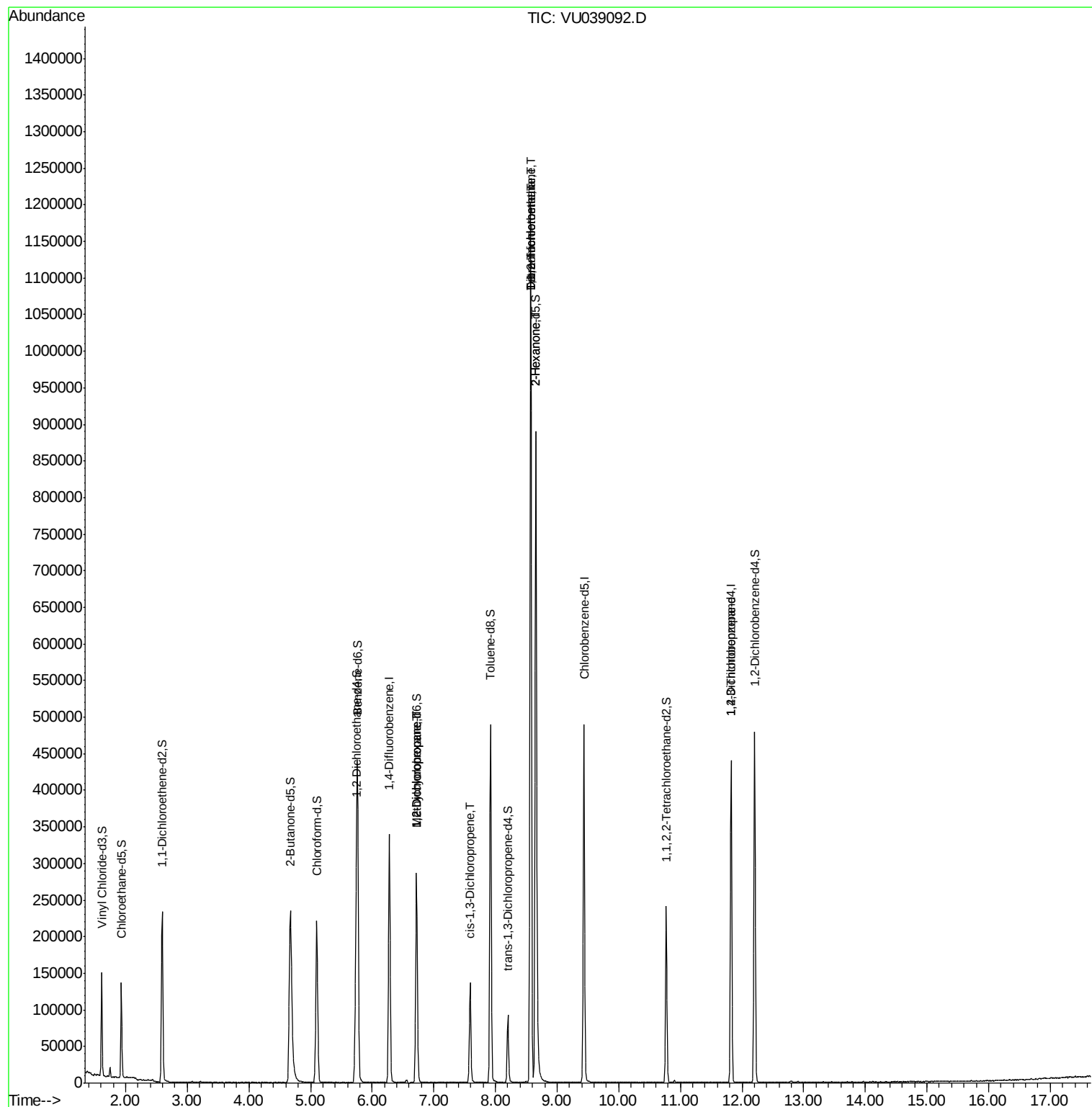
					Ovalue
35) Methylcyclohexane	6.72	83	30247	1.056 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15197	0.703 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3120	0.104 ug/L #	48
45) 1,1,2-Trichloroethane	8.57	97	2248	0.140 ug/L #	6
47) Tetrachloroethene	8.57	164	252906	18.171 ug/L	94
48) 2-Hexanone	8.65	43	39171	3.310 ug/L #	68
49) Dibromochloromethane	8.57	129	248492	14.215 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	15128	0.928 ug/L	92

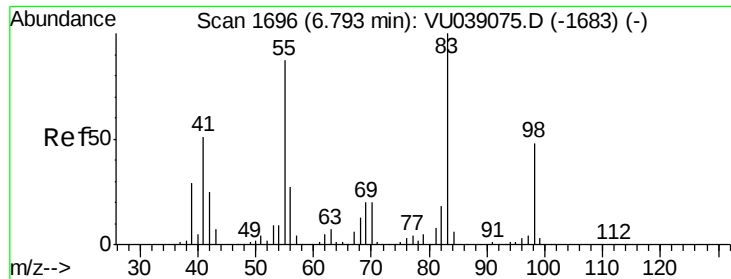
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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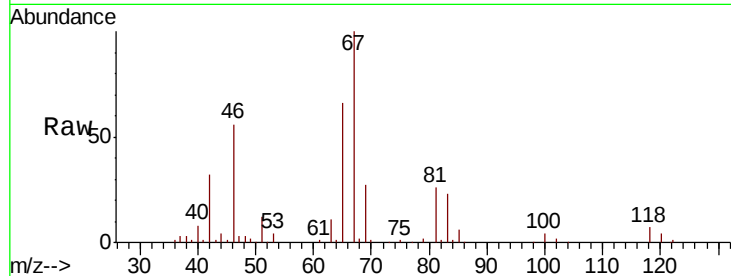




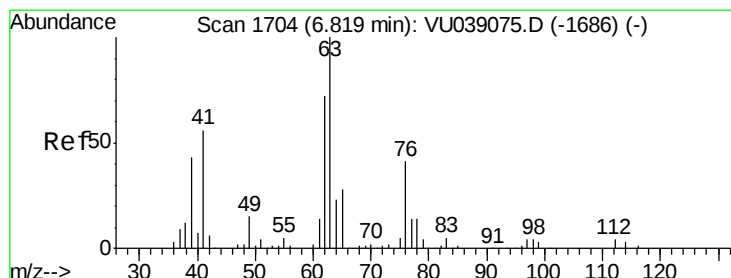
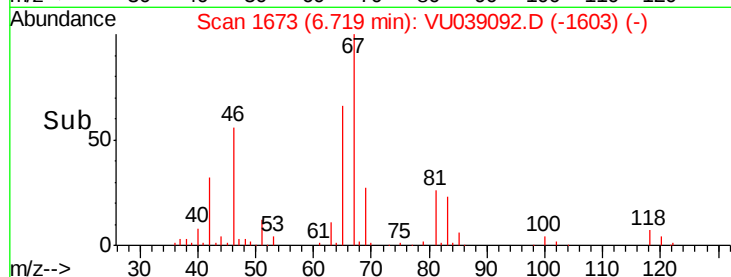
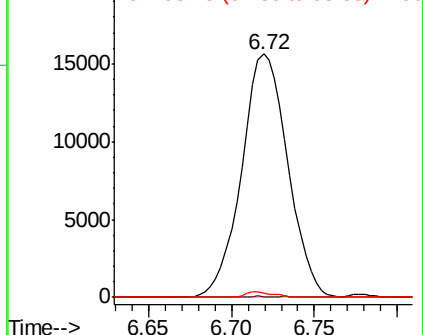
#35
Methvlcvclohexane
Concen: 1.056 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039092.D
Acq: 25 Jun 2020 03:45

Instrument :
MSVOA_U
ClientSampleId :
F9F23

Tot Ion: 83 Resp: 30247
Ion Ratio Lower Upper
83 100
55 0.1 65.5 98.3#
98 1.3 36.5 54.7#

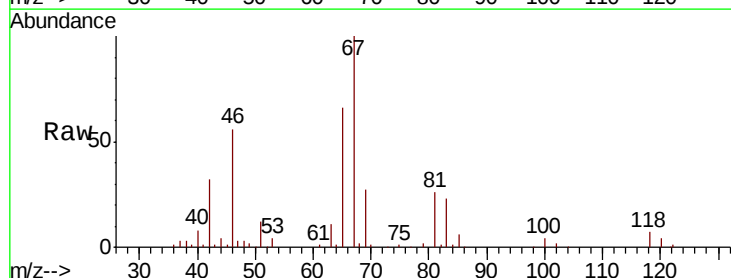


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

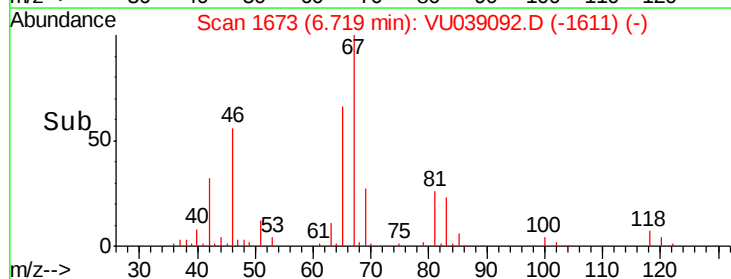
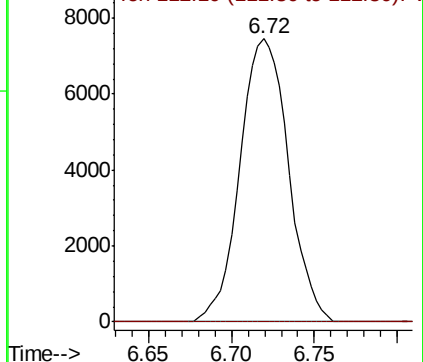


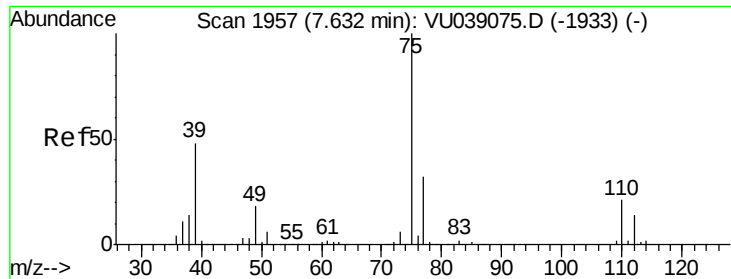
#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039092.D
Acq: 25 Jun 2020 03:45

Tgt Ion: 63 Resp: 15197
Ion Ratio Lower Upper
63 100
112 0.4 3.4 5.2#



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

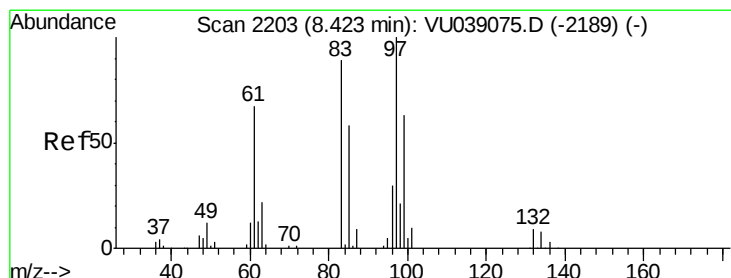
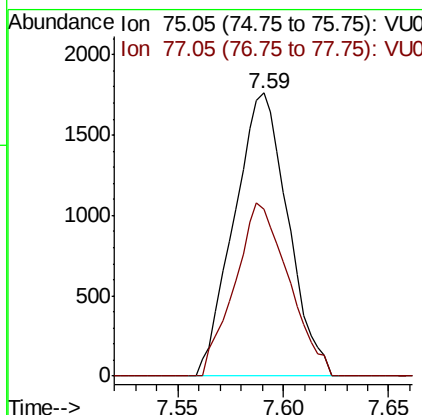
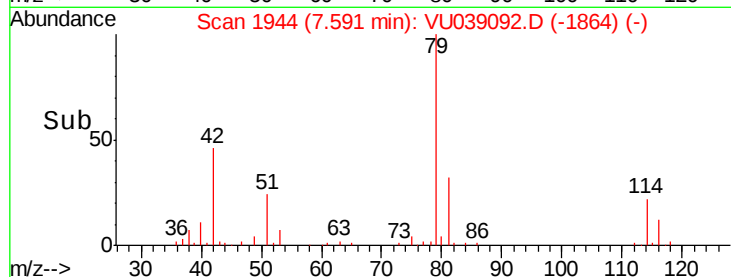
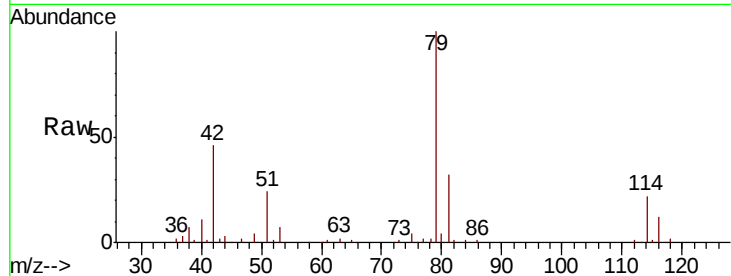




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039092.D
 Acq: 25 Jun 2020 03:45

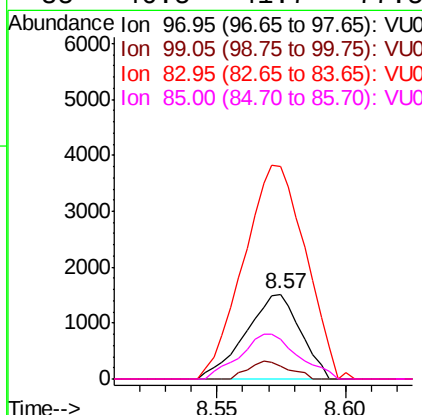
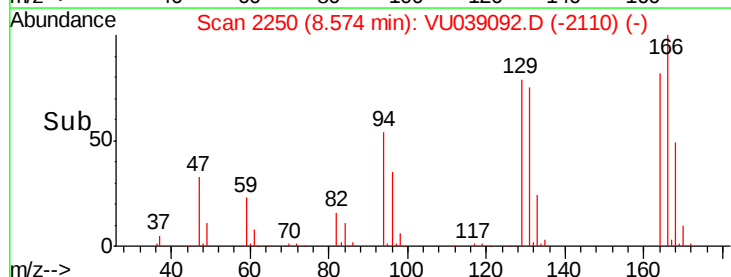
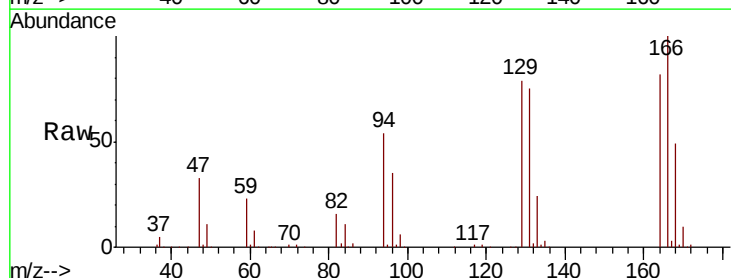
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F23

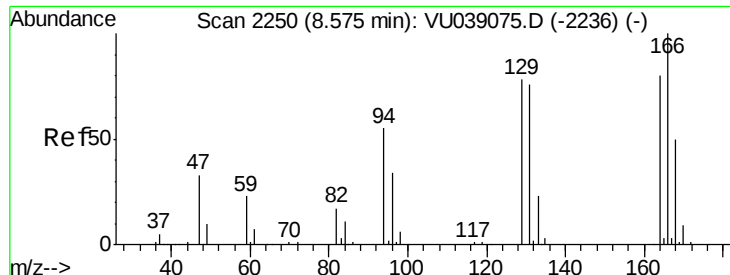
Tot Ion: 75 Resp: 3120
 Ion Ratio Lower Upper
 75 100
 77 59.1 21.6 40.0#



#45
 1,1,2-Trichloroethane
 Concen: 0.140 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.15 min
 Lab File: VU039092.D
 Acq: 25 Jun 2020 03:45

Tgt Ion: 97 Resp: 2248
 Ion Ratio Lower Upper
 97 100
 99 14.7 45.4 84.4#
 83 249.8 64.4 119.6#
 85 46.5 41.7 77.5





#47

Tetrachloroethene

Concen: 18.171 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039092.D

Acq: 25 Jun 2020 03:45

Instrument :
MSVOA_U
ClientSampleId :
F9F23

Tot Ion:164 Resp: 252906

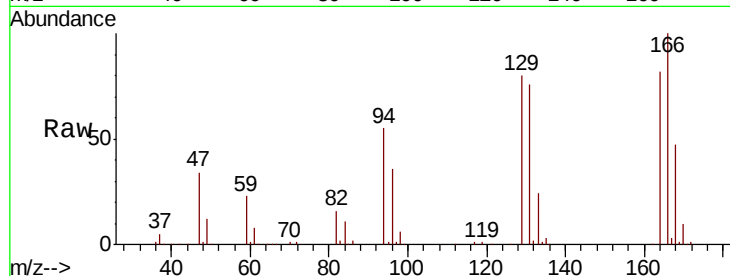
Ion Ratio Lower Upper

164 100

129 97.0 71.3 132.5

131 92.3 68.3 126.8

166 121.5 90.8 168.6

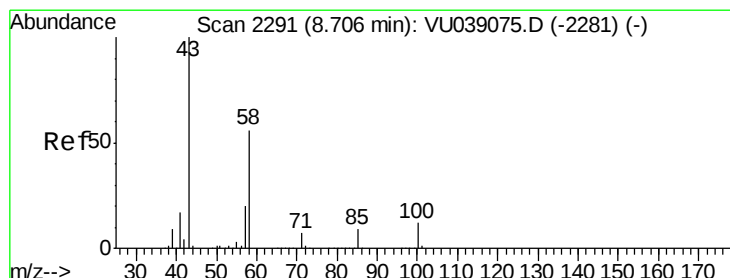
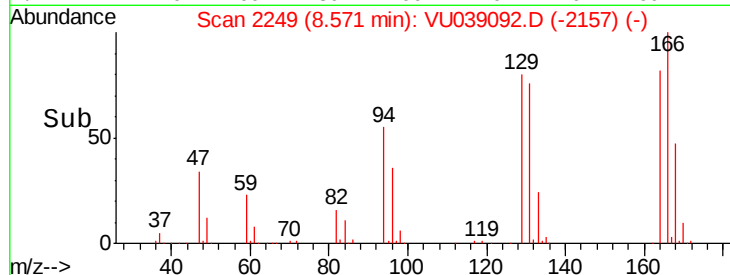
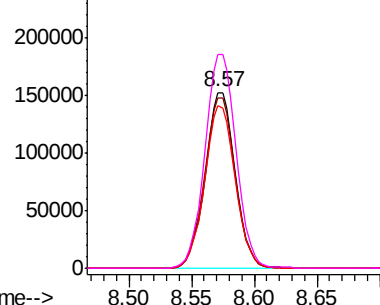


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.310 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU039092.D

Acq: 25 Jun 2020 03:45

Tgt Ion: 43 Resp: 39171

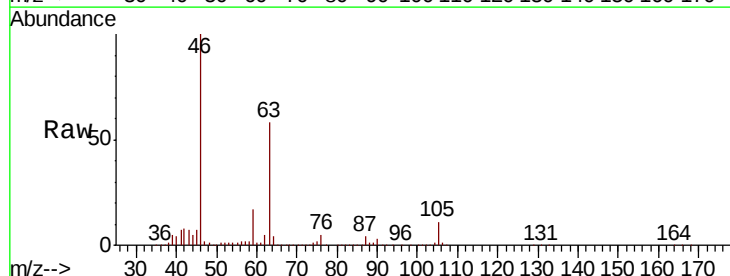
Ion Ratio Lower Upper

43 100

58 27.6 44.0 66.0#

57 27.1 15.0 22.6#

100 0.9 9.4 14.2#

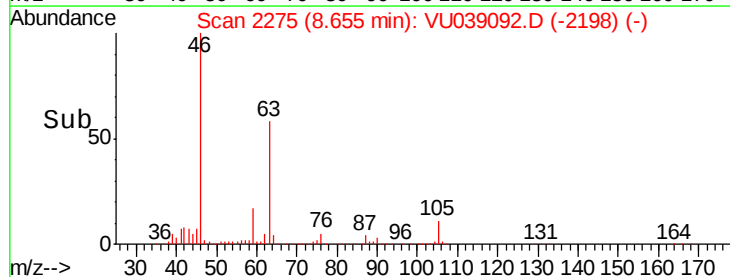
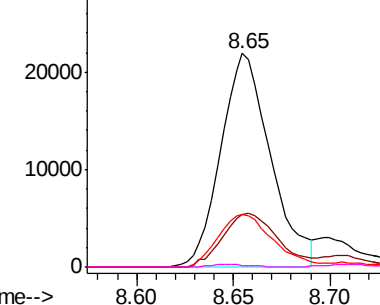


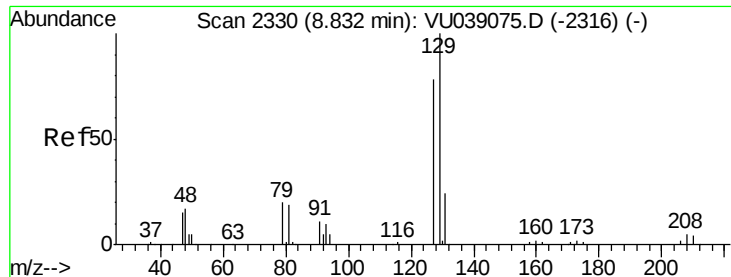
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 14.215 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039092.D

Acq: 25 Jun 2020 03:45

Instrument :

MSVOA_U

ClientSampleId :

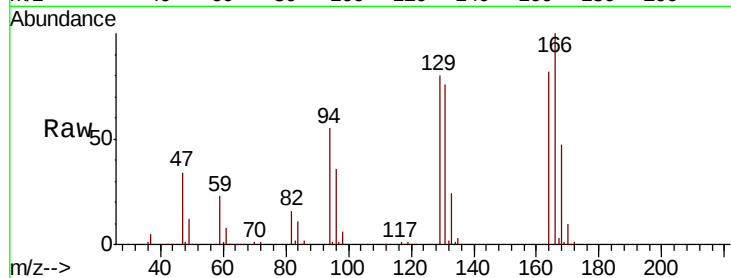
F9F23

Tot Ion:129 Resp: 248492

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

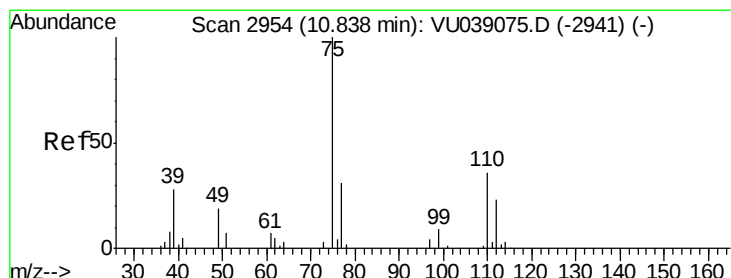
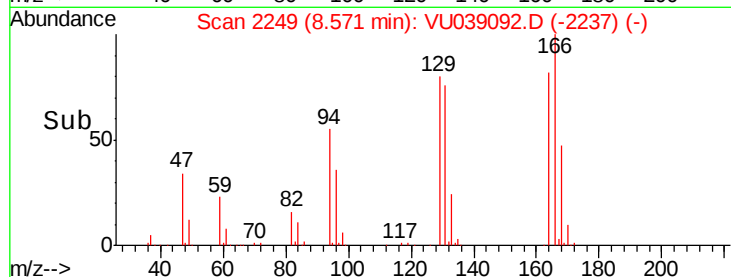
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65



#59

1,2,3-Trichloropropane

Concen: 0.928 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039092.D

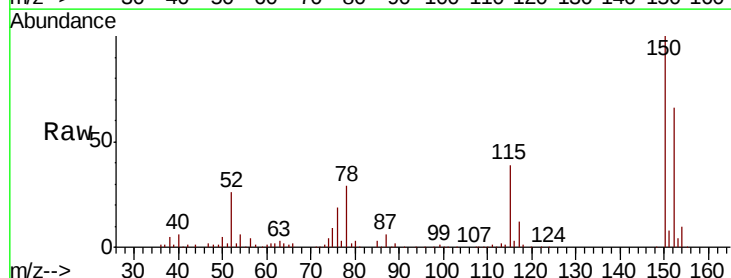
Acq: 25 Jun 2020 03:45

Tgt Ion: 75 Resp: 15128

Ion Ratio Lower Upper

75 100

77 37.2 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

