

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039883.D
 Acq On : 17 Aug 2020 13:27
 Operator : SY/MD
 Sample : L3517-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M12DL 4X

Quant Time: Aug 18 04:26:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	89662	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	88068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42675	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16988	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.92	69	19745	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.58	63	25200	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	4.65	46	99811	46.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	5.08	84	46782	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.72	65	28999	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
32) Benzene-d6	5.75	84	83478	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.70	67	30024	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.91	98	66632	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.19	79	11180	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.64	63	71209	47.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27828	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32607	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

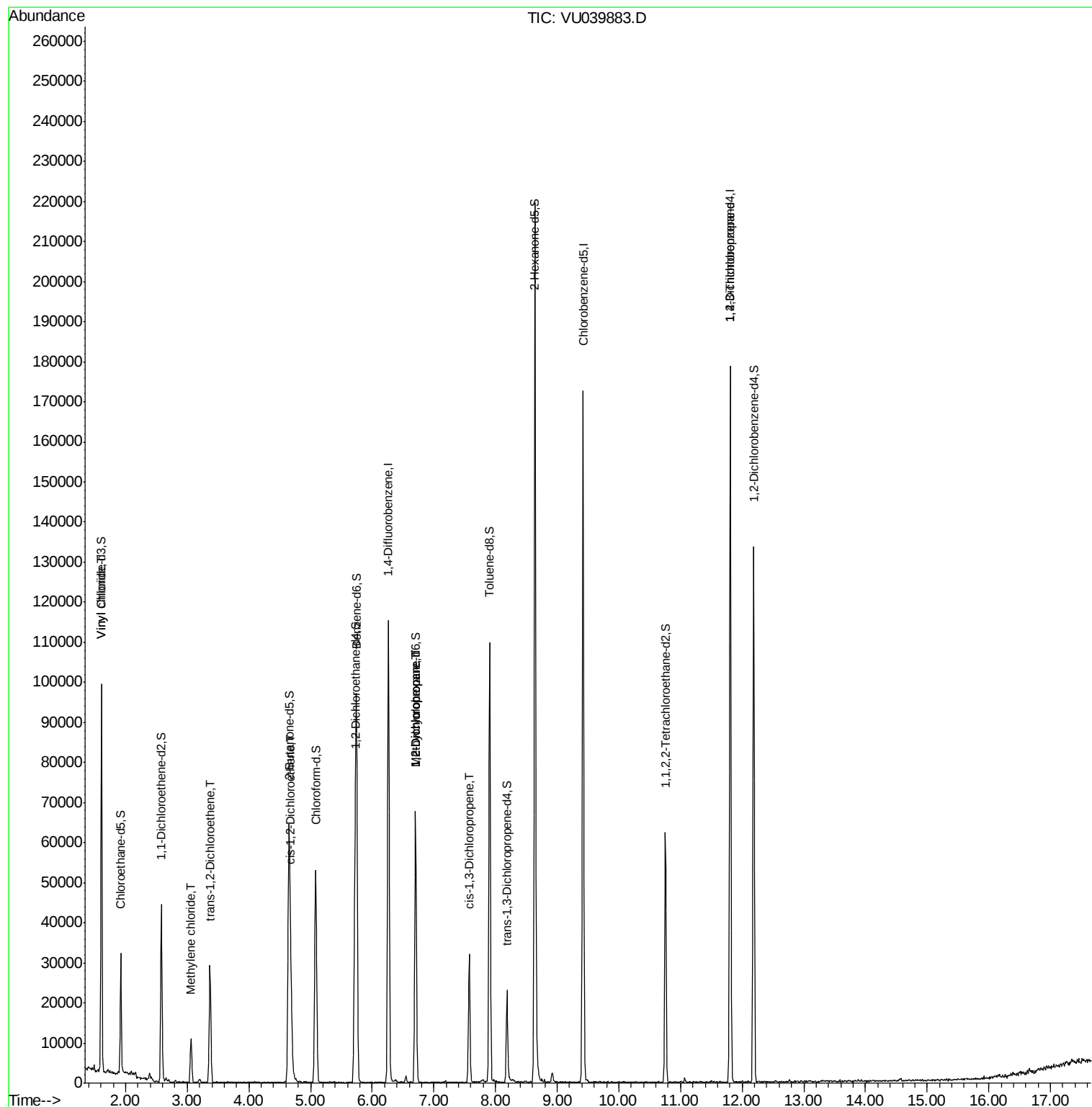
					Ovalue
5) Vinyl chloride	1.61	62	49636	6.809	ug/L 96
16) Methylene chloride	3.06	84	4831	0.560	ug/L 90
18) trans-1,2-Dichloroethene	3.37	96	12009	2.017	ug/L 95
22) cis-1,2-Dichloroethene	4.68	96	2208	0.341	ug/L 96
35) Methylcyclohexane	6.70	83	7024	0.706	ug/L # 20
37) 1,2-Dichloropropane	6.70	63	3664	0.575	ug/L # 86
39) cis-1,3-Dichloropropene	7.57	75	1025	0.118	ug/L # 78
59) 1,2,3-Trichloropropane	11.81	75	6703	1.458	ug/L 91

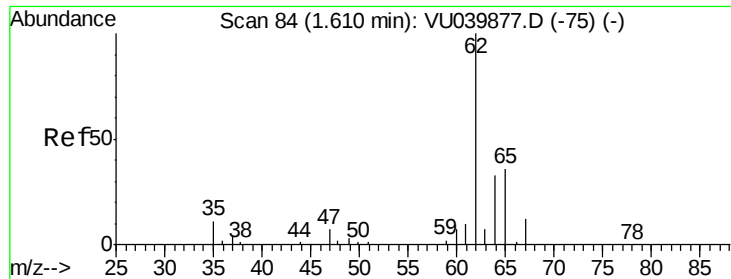
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
Data File : VU039883.D
Acq On : 17 Aug 2020 13:27
Operator : SY/MD
Sample : L3517-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4M12DL 4X

Quant Time: Aug 18 04:26:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.809 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039883.D

Acq: 17 Aug 2020 13:27

Instrument :

MSVOA_U

ClientSampleId :

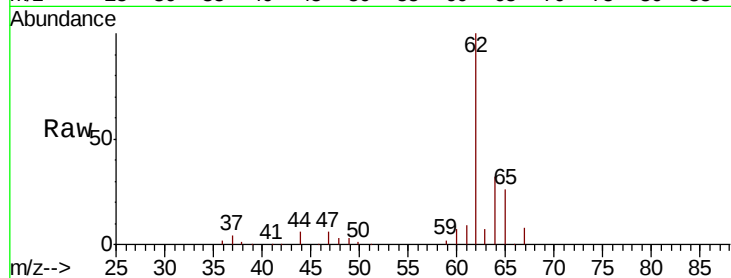
F4M12DL 4X

Tot Ion: 62 Resp: 49636

Ion Ratio Lower Upper

62 100

64 32.1 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

50000

40000

30000

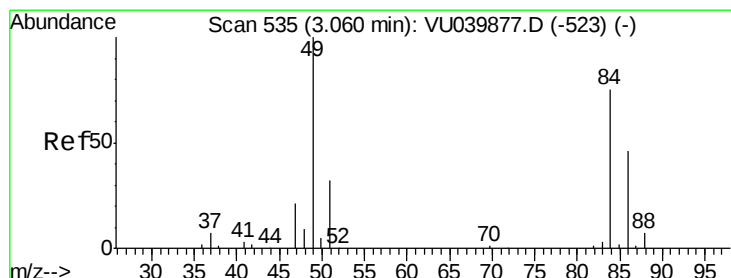
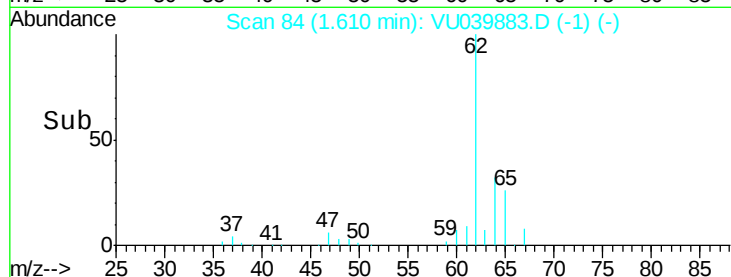
20000

10000

0

Time-->

1.55 1.60 1.65



#16

Methylene chloride

Concen: 0.560 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU039883.D

Acq: 17 Aug 2020 13:27

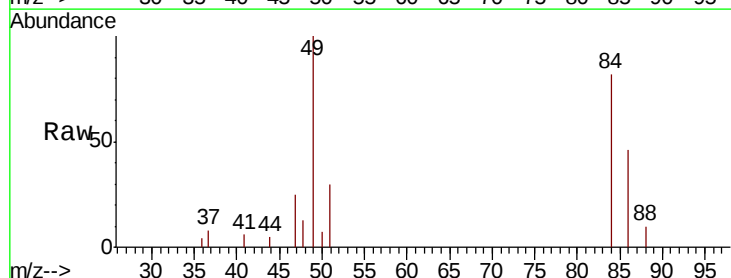
Tgt Ion: 84 Resp: 4831

Ion Ratio Lower Upper

84 100

86 56.3 43.9 81.5

49 121.5 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

4000

3000

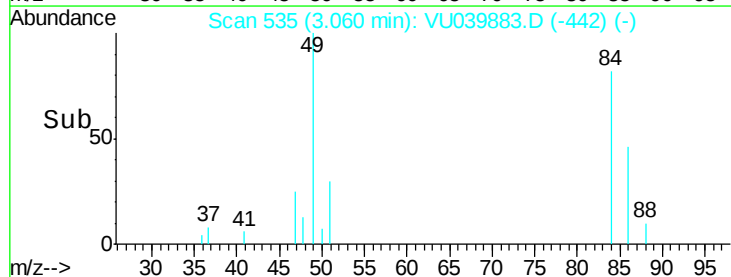
2000

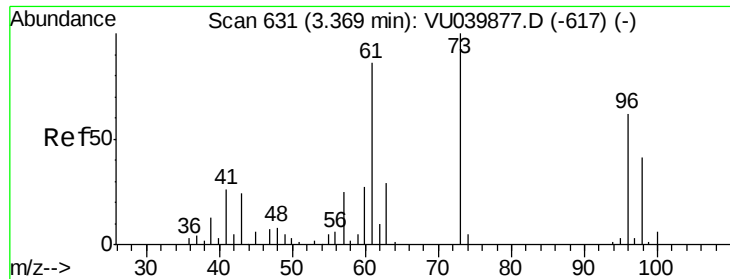
1000

0

Time-->

3.00 3.05 3.10





#18

trans-1,2-Dichloroethene

Concen: 2.017 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU039883.D

Acq: 17 Aug 2020 13:27

Instrument :

MSVOA_U

ClientSampleId :

F4M12DL 4X

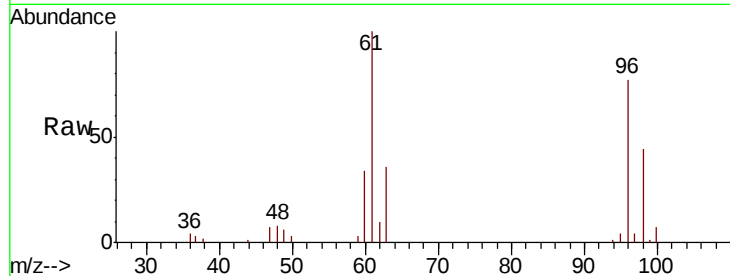
Tot Ion: 96 Resp: 12009

Ion Ratio Lower Upper

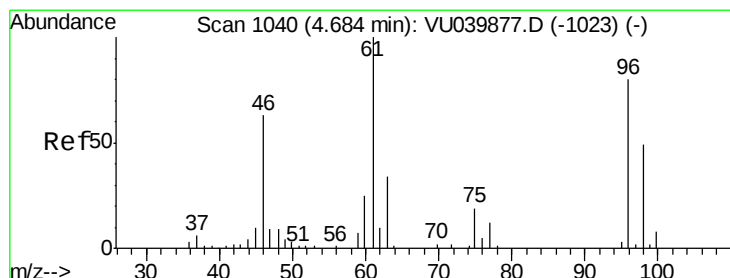
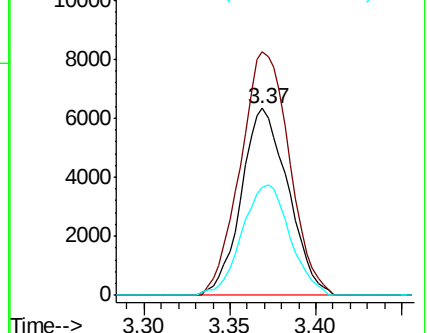
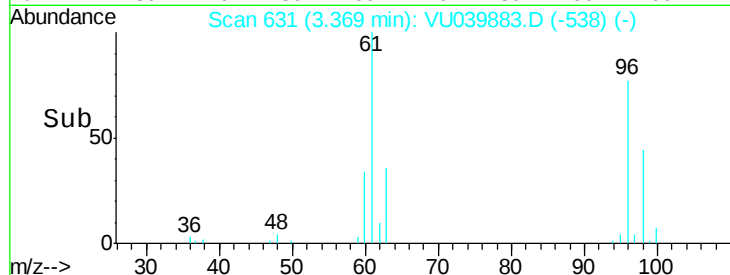
96 100

61 130.4 96.5 179.1

98 57.8 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039883.D (-538) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.341 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU039883.D

Acq: 17 Aug 2020 13:27

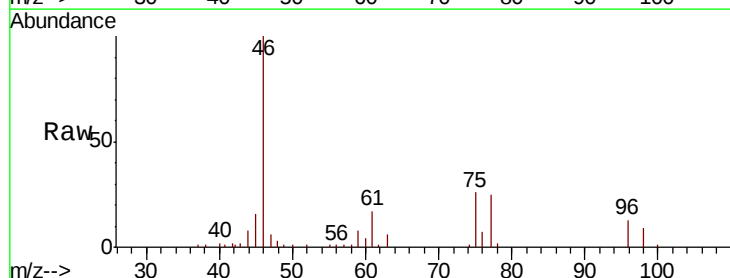
Tgt Ion: 96 Resp: 2208

Ion Ratio Lower Upper

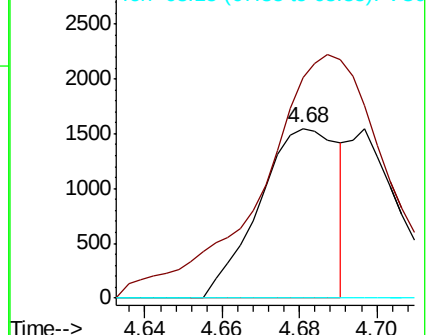
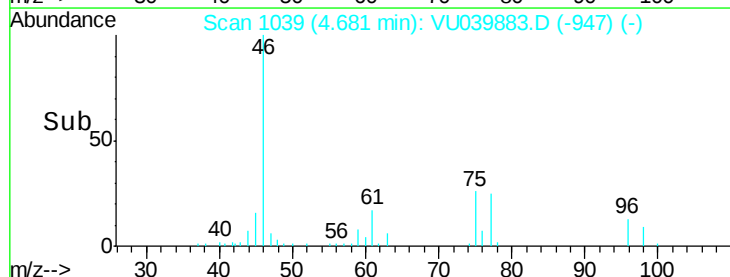
96 100

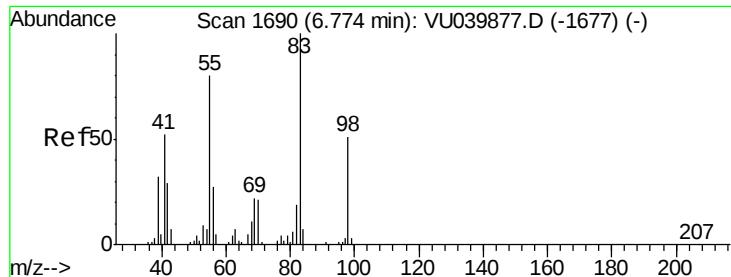
61 129.6 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039883.D (-947) (-)

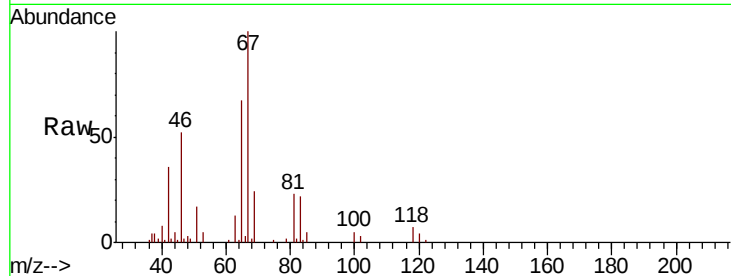




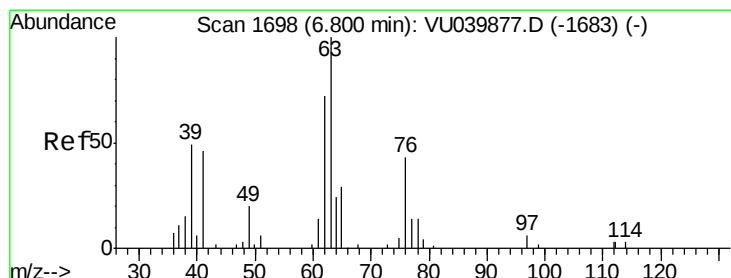
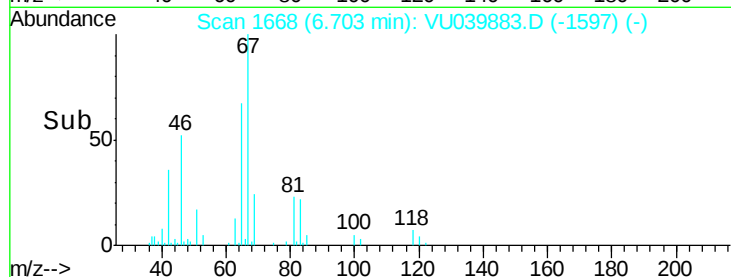
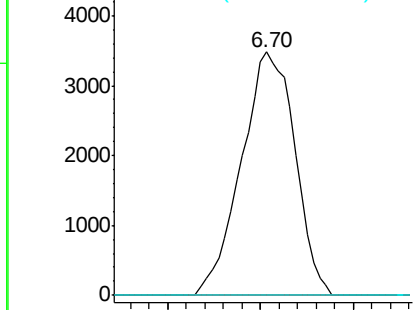
#35
Methvlcvclohexane
Concen: 0.706 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039883.D
Acq: 17 Aug 2020 13:27

Instrument :
MSVOA_U
ClientSampleId :
F4M12DL 4X

Tot Ion	83	Resp	7024
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	1.9	39.0	58.4#

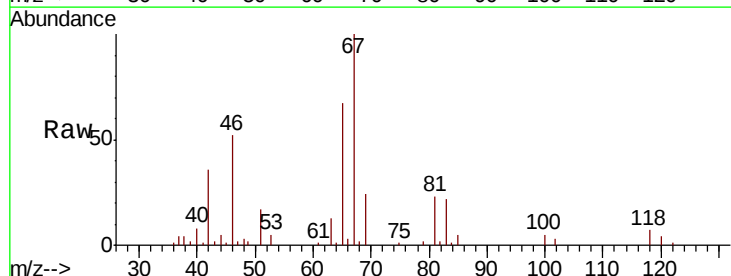


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

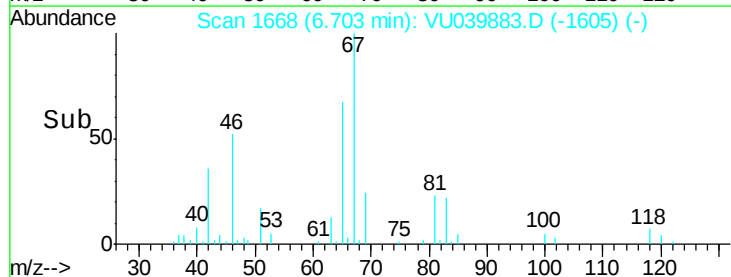
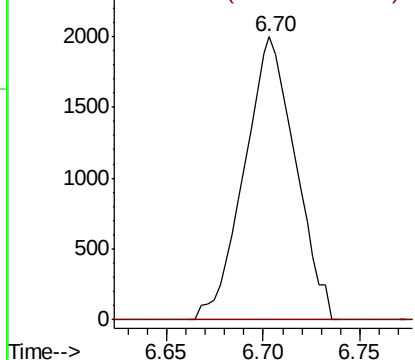


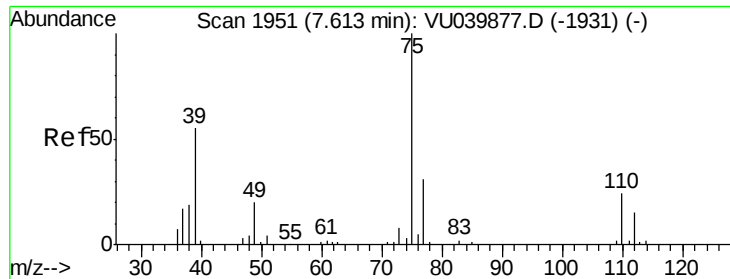
#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039883.D
Acq: 17 Aug 2020 13:27

Tgt Ion	63	Resp	3664
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



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: 0.118 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039883.D

Acq: 17 Aug 2020 13:27

Instrument :

MSVOA_U

ClientSampleId :

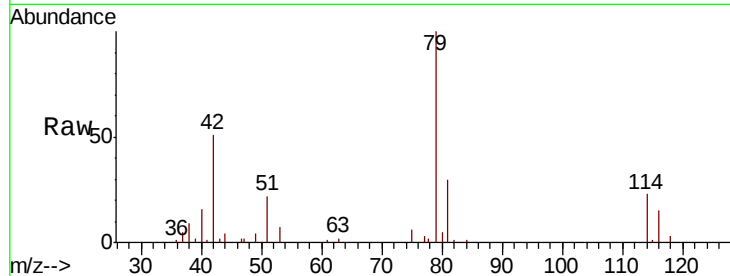
F4M12DL 4X

Tot Ion: 75 Resp: 1025

Ion Ratio Lower Upper

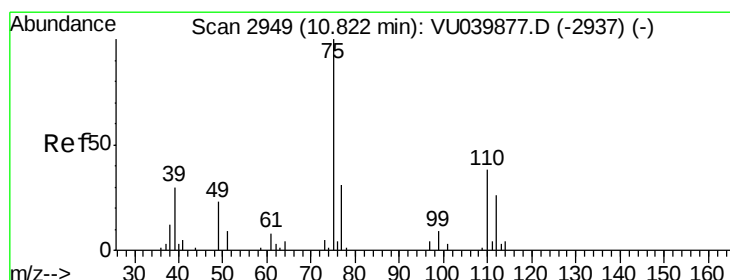
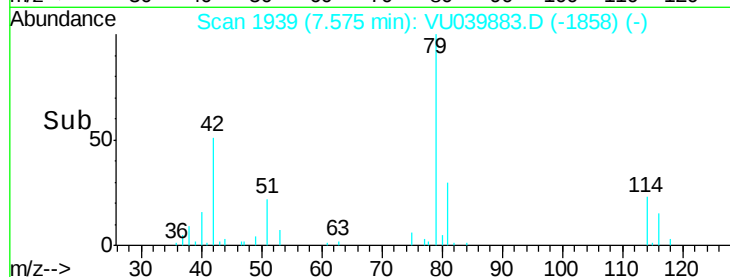
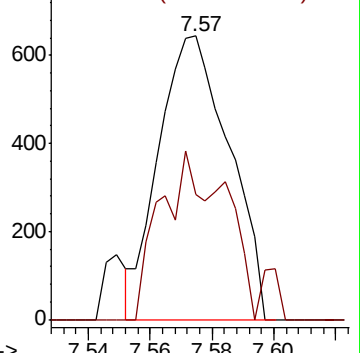
75 100

77 44.3 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.458 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039883.D

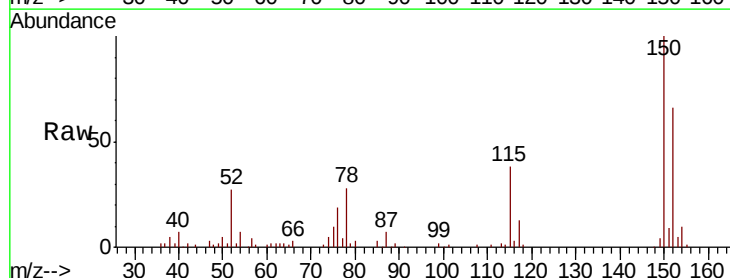
Acq: 17 Aug 2020 13:27

Tgt Ion: 75 Resp: 6703

Ion Ratio Lower Upper

75 100

77 36.0 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

