

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090820\
 Data File : VU040049.D
 Acq On : 08 Sep 2020 12:15
 Operator : SY/MD
 Sample : L3927-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFW59

Quant Time: Sep 09 01:37:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 09 01:36:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119885	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55523	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24491	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.92	69	24025	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.58	63	45474	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.65	46	131308	50.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.30%
24) Chloroform-d	5.08	84	66983	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	41229	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.74	84	123076	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	41239	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.90	98	103722	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.18	79	16344	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.64	63	99370	49.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37398	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	42960	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

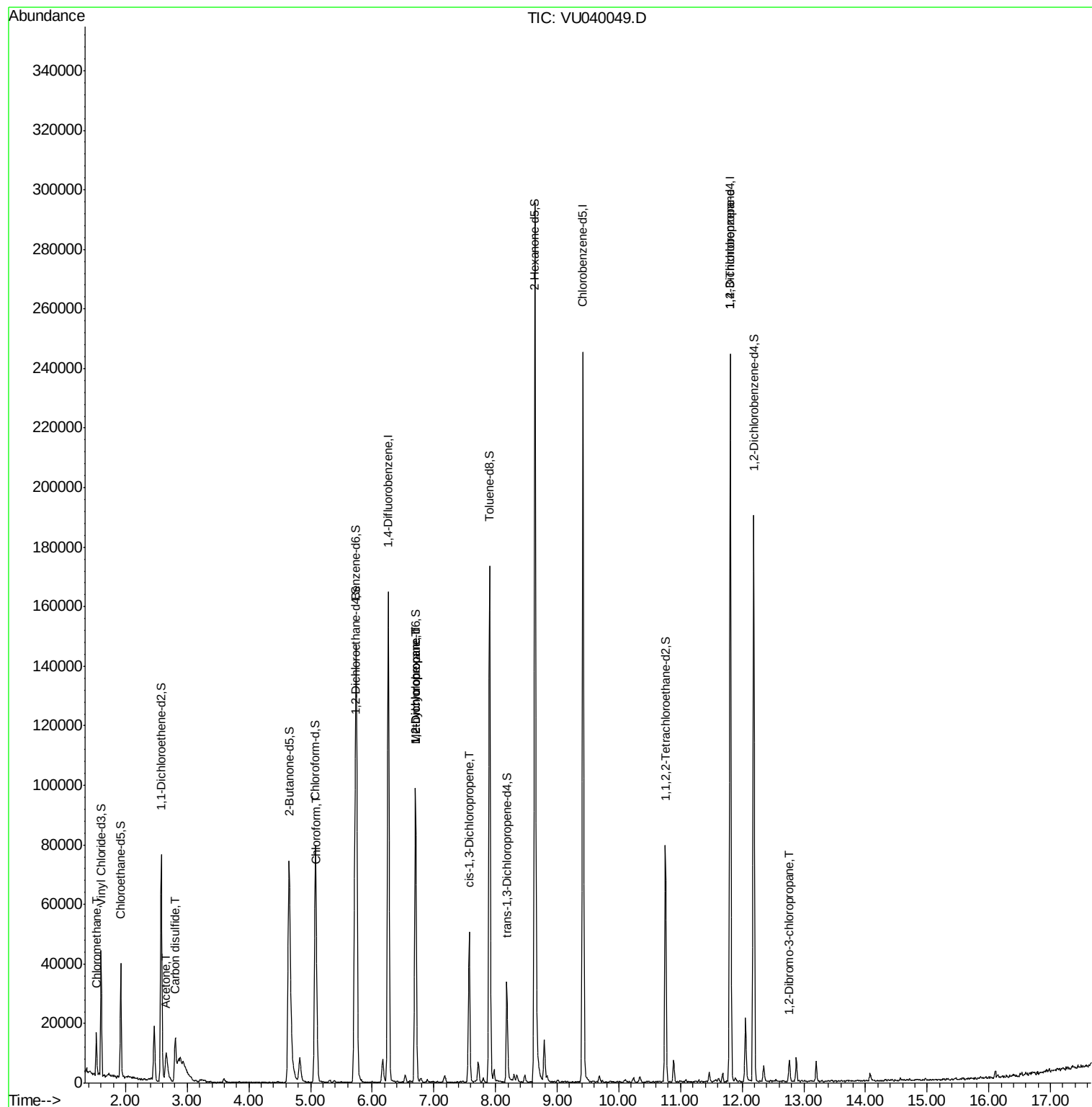
					Ovalue
3) Chloromethane	1.53	50	9378	0.823	ug/L 99
13) Acetone	2.66	43	19586	8.081	ug/L 96
14) Carbon disulfide	2.80	76	15594	0.524	ug/L 98
25) Chloroform	5.10	83	6925	0.329	ug/L 90
35) Methylcyclohexane	6.70	83	10361	0.590	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	5238	0.453	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1724	0.101	ug/L # 79
59) 1,2,3-Trichloropropane	11.81	75	8149	0.951	ug/L # 85
66) 1,2-Dibromo-3-chloropropan	12.76	75	252	0.120	ug/L # 8

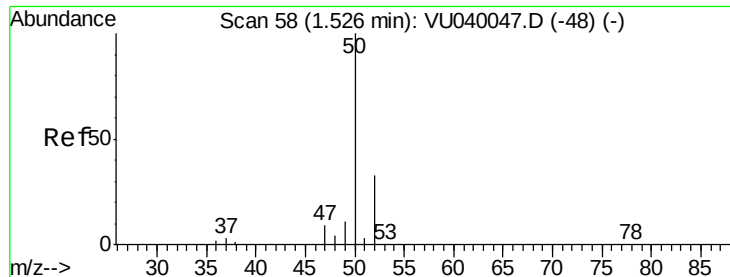
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.823 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040049.D

Acq: 08 Sep 2020 12:15

Instrument :

MSVOA_U

ClientSampleId :

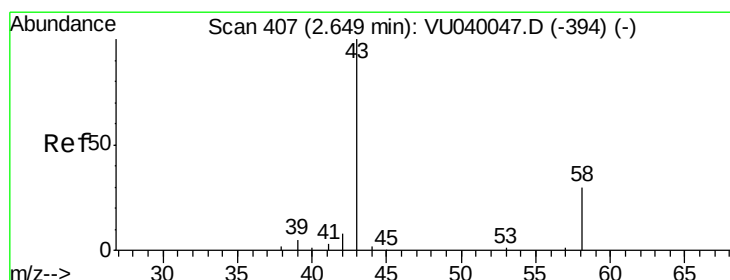
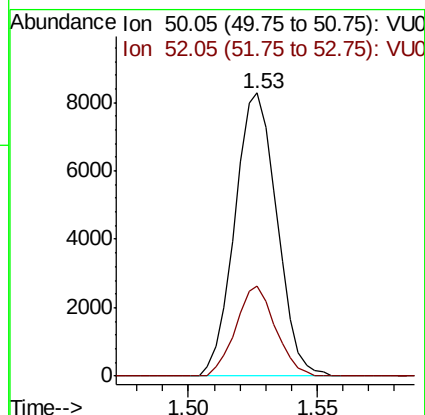
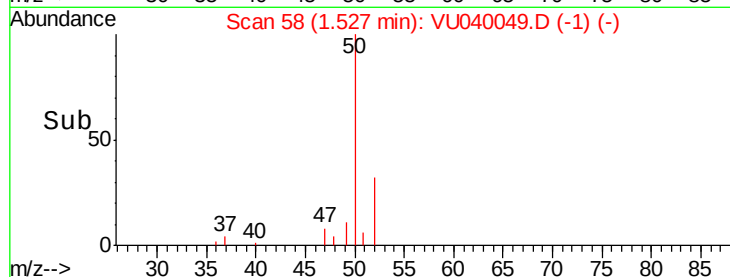
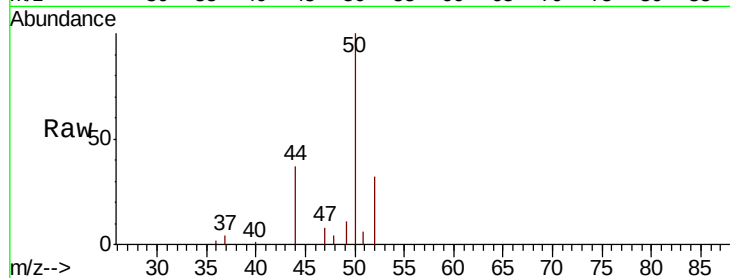
BFWS9

Tot Ion: 50 Resp: 9378

Ion Ratio Lower Upper

50 100

52 31.8 22.8 42.4



#13

Acetone

Concen: 8.081 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU040049.D

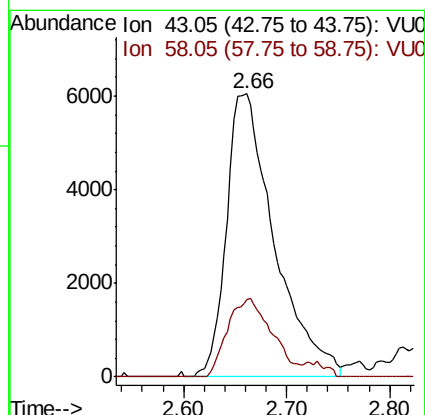
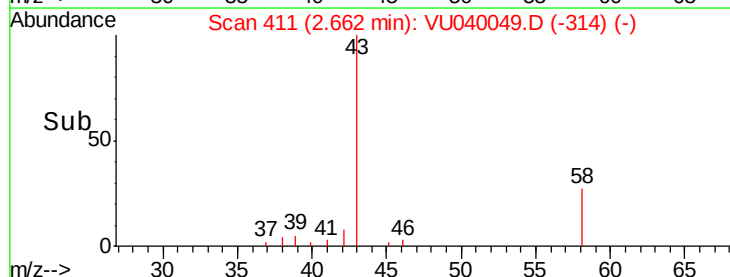
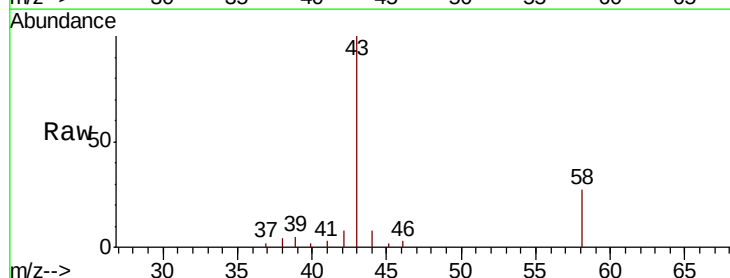
Acq: 08 Sep 2020 12:15

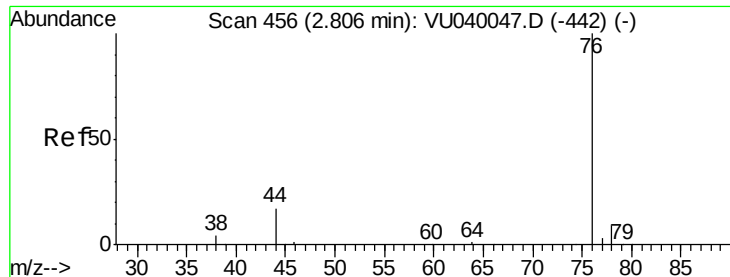
Tgt Ion: 43 Resp: 19586

Ion Ratio Lower Upper

43 100

58 25.7 0.0 55.4





#14

Carbon disulfide

Concen: 0.524 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU040049.D

Acq: 08 Sep 2020 12:15

Instrument :

MSVOA_U

ClientSampleId :

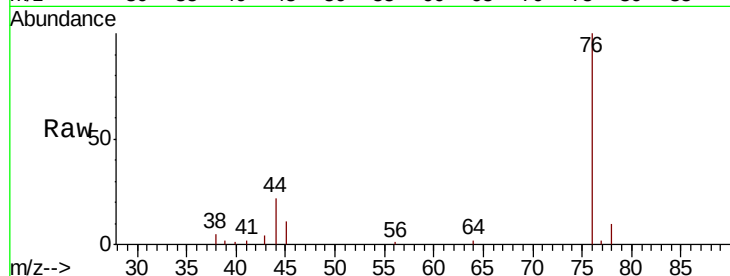
BFWS9

Tot Ion: 76 Resp: 15594

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040047.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040047.D (-442) (-)

2.80

10000

8000

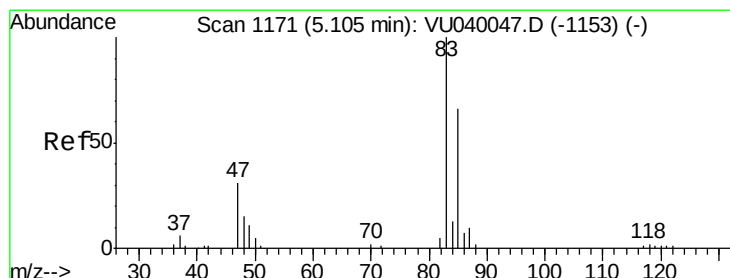
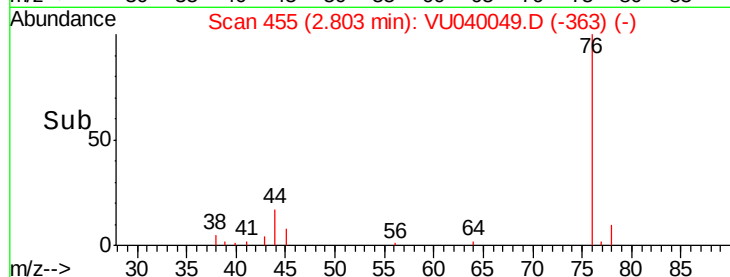
6000

4000

2000

0

Time-->



#25

Chloroform

Concen: 0.329 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040049.D

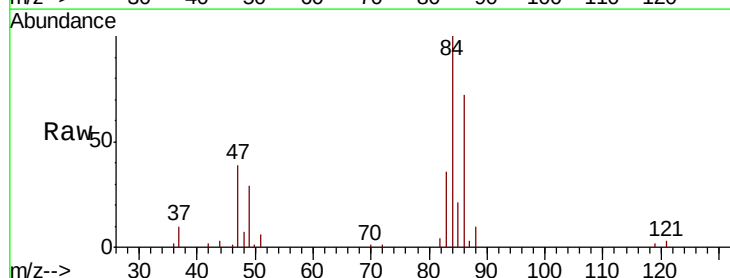
Acq: 08 Sep 2020 12:15

Tgt Ion: 83 Resp: 6925

Ion Ratio Lower Upper

83 100

85 56.6 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040047.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU040047.D (-1153) (-)

5.10

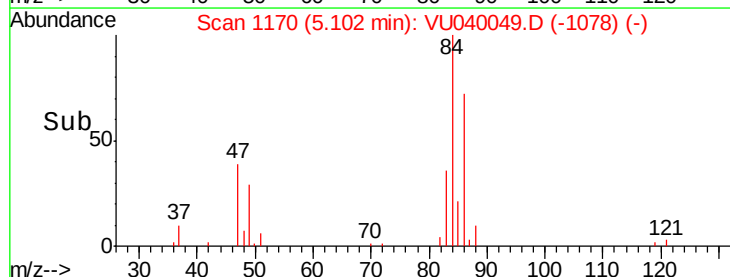
3000

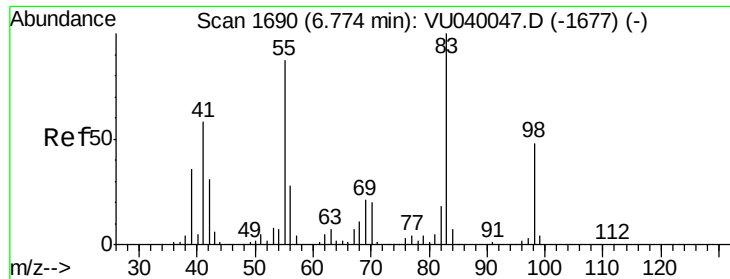
2000

1000

0

Time-->

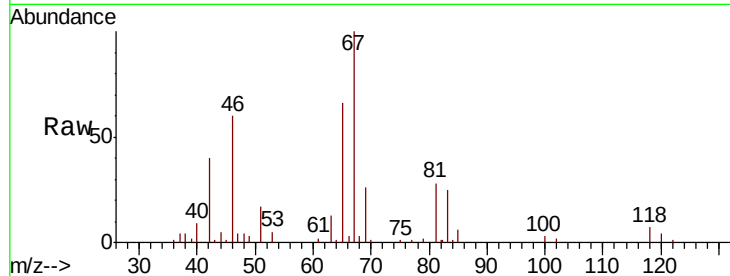




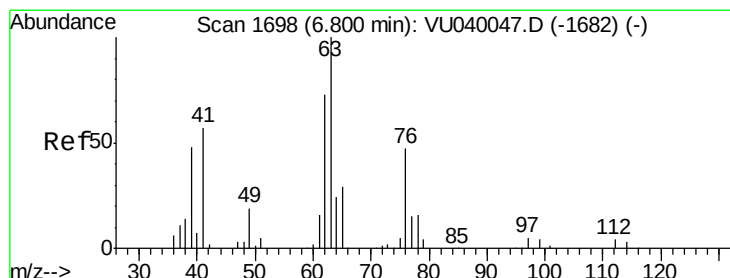
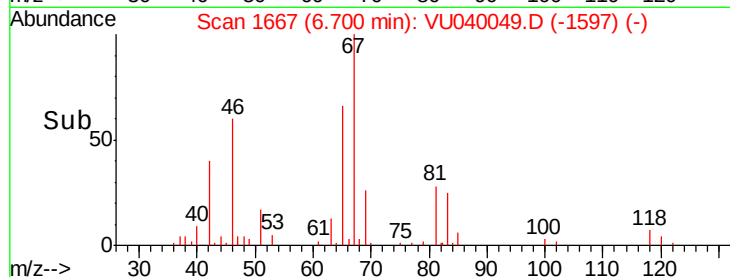
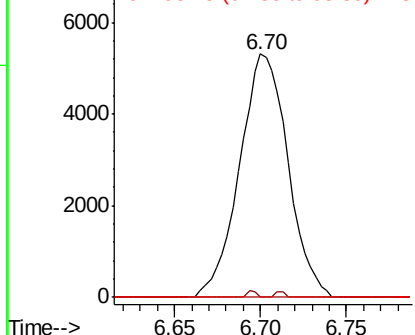
#35
Methylvlcyclohexane
Concen: 0.590 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040049.D
Acq: 08 Sep 2020 12:15

Instrument :
MSVOA_U
ClientSampleId :
BFWS9

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.5	70.5	105.7#
98	5.4	37.8	56.6#

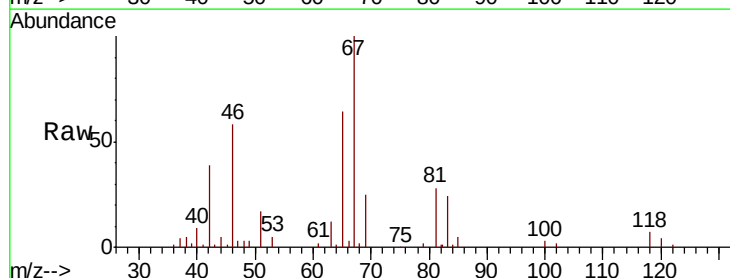


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

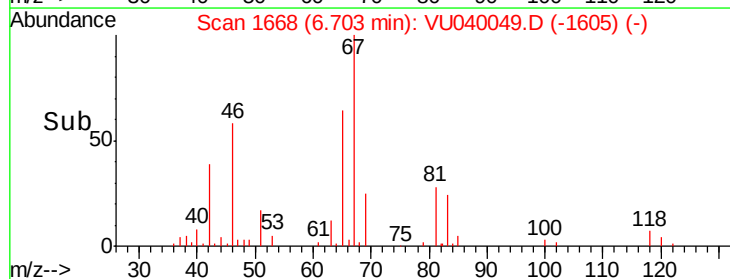
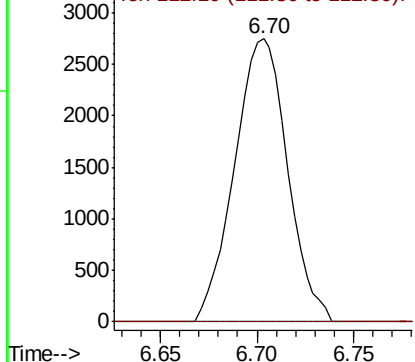


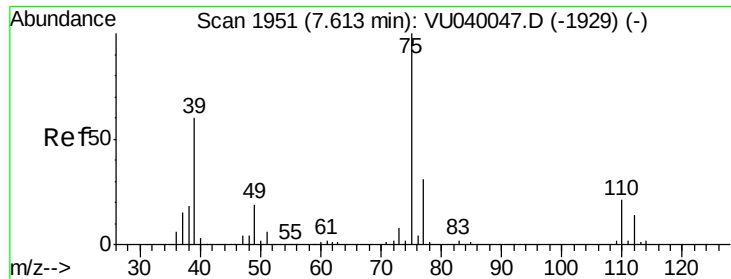
#37
1,2-Dichloropropane
Concen: 0.453 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040049.D
Acq: 08 Sep 2020 12:15

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



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: 0.101 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040049.D

Acq: 08 Sep 2020 12:15

Instrument :

MSVOA_U

ClientSampleId :

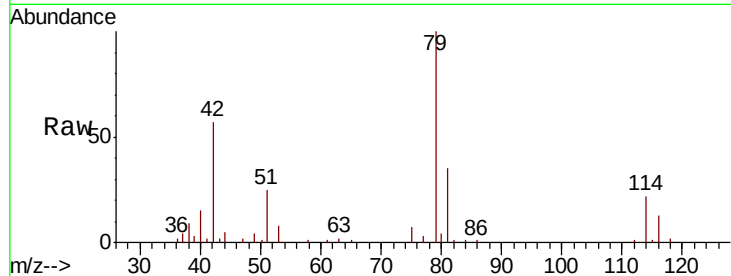
BFWS9

Tot Ion: 75 Resp: 1724

Ion Ratio Lower Upper

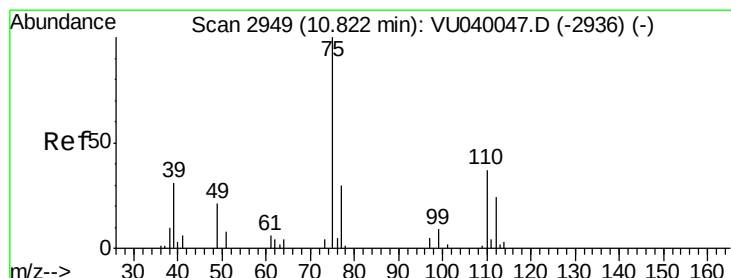
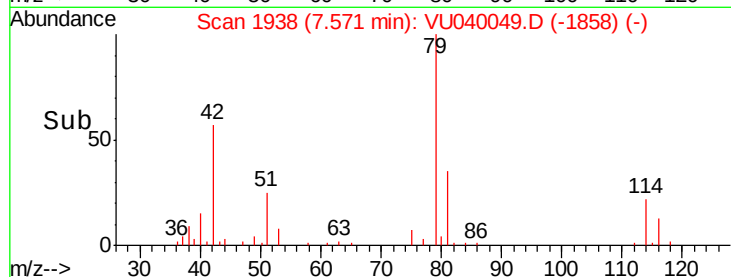
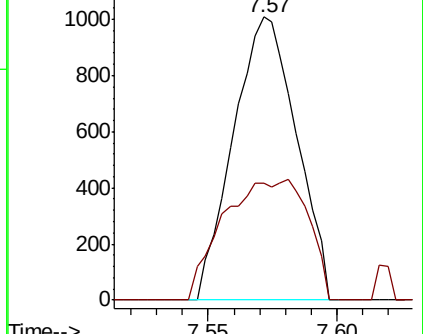
75 100

77 41.6 21.1 39.3#



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: 0.951 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040049.D

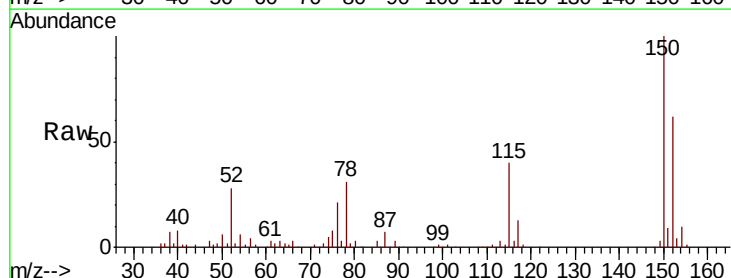
Acq: 08 Sep 2020 12:15

Tgt Ion: 75 Resp: 8149

Ion Ratio Lower Upper

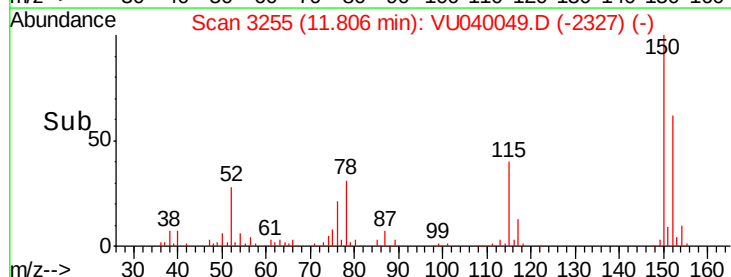
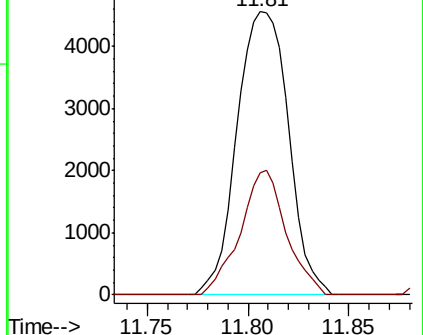
75 100

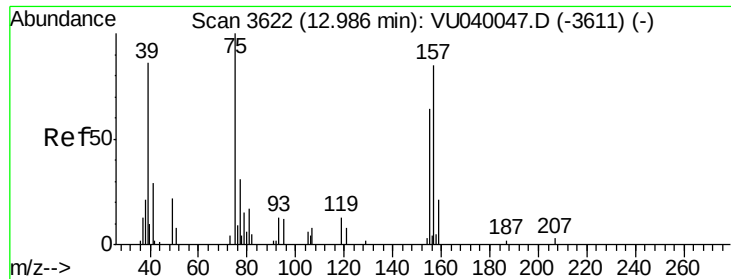
77 39.1 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.120 ug/L

RT: 12.76 min Scan# 3552

Delta R.T. -0.22 min

Lab File: VU040049.D

Acq: 08 Sep 2020 12:15

Instrument :

MSVOA_U

ClientSampleId :

BFWS9

Tot Ion: 75 Resp: 252

Ion Ratio Lower Upper

75 100

155 0.0 54.6 82.0#

157 0.0 75.6 113.4#

