

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041589.D
 Acq On : 13 Dec 2020 00:26
 Operator : SY/MD
 Sample : L5060-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B11

Quant Time: Dec 13 11:29:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	138270	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63007	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35041	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.92	69	33072	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.58	63	57307	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.65	46	161629	52.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.10%
24) Chloroform-d	5.08	84	81314	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.72	65	49381	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.74	84	167280	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	54396	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.91	98	141400	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.19	79	23054	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	125344	43.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52531	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	55351	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

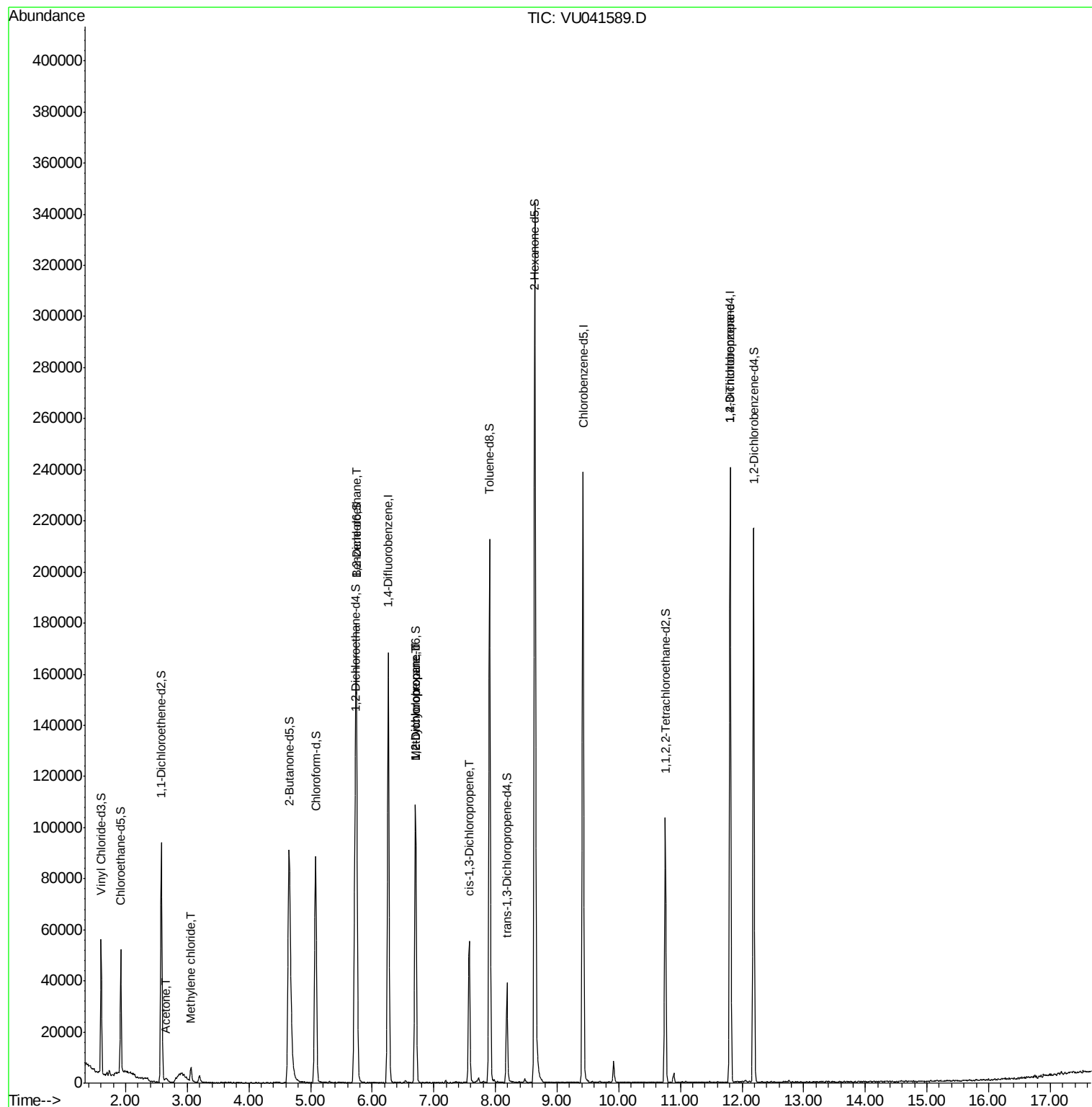
					Ovalue
13) Acetone	2.66	43	3181	1.611	ug/L 73
16) Methylene chloride	3.06	84	2517	0.225	ug/L 91
27) 1,2-Dichloroethane	5.74	62	1010	0.082	ug/L # 73
35) Methylcyclohexane	6.70	83	12716	0.742	ug/L # 19
37) 1,2-Dichloropropane	6.71	63	5482	0.508	ug/L # 88
39) cis-1,3-Dichloropropene	7.58	75	1286	0.080	ug/L # 77
59) 1,2,3-Trichloropropane	11.81	75	7728	0.954	ug/L 99

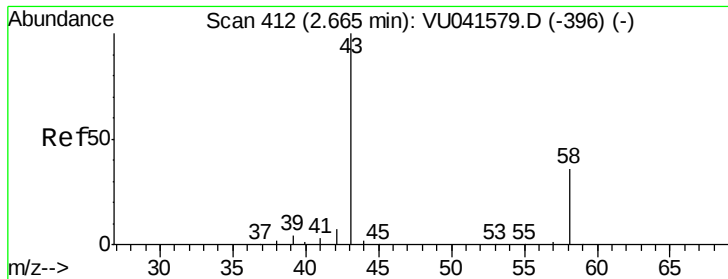
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.611 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU041589.D

Acq: 13 Dec 2020 00:26

Instrument :

MSVOA_U

ClientSampled :

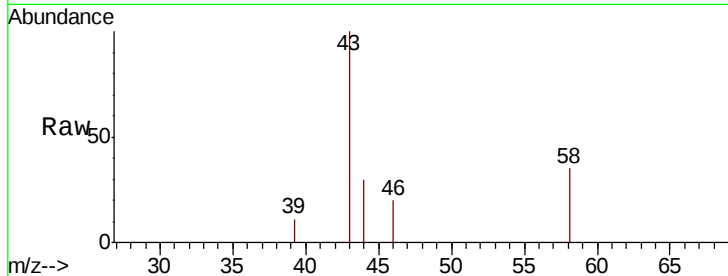
C0B11

Tot Ion: 43 Resp: 3181

Ion Ratio Lower Upper

43 100

58 20.4 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

800

600

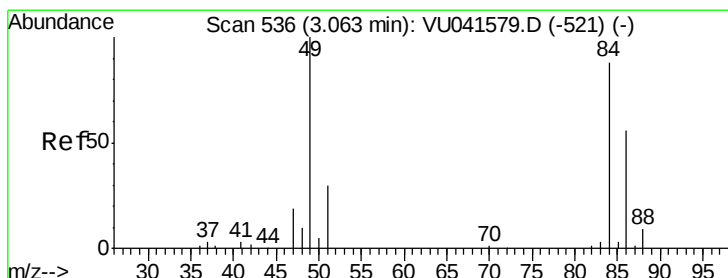
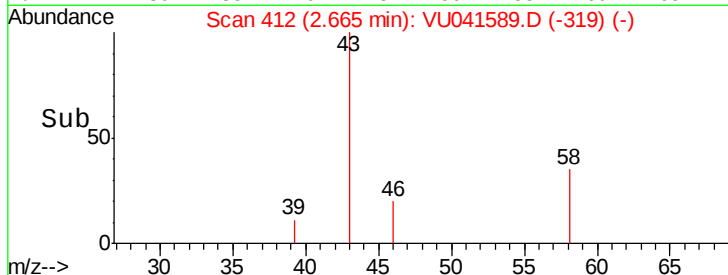
400

200

0

Time-->

2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.225 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU041589.D

Acq: 13 Dec 2020 00:26

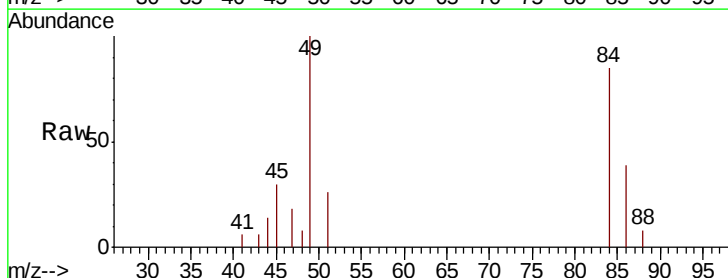
Tgt Ion: 84 Resp: 2517

Ion Ratio Lower Upper

84 100

86 46.3 45.1 83.7

49 117.9 83.1 154.3



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

2500

2000

1500

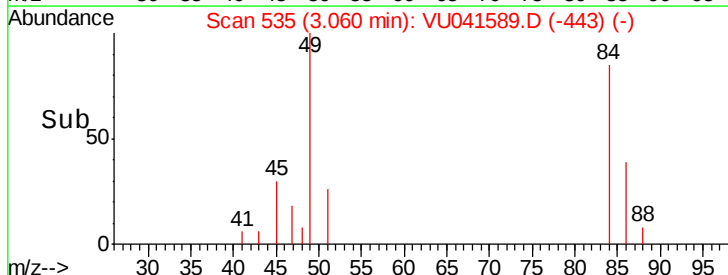
1000

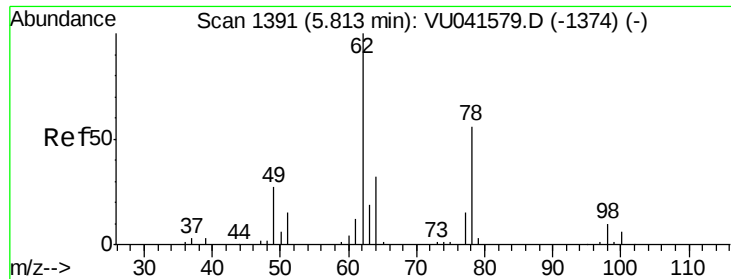
500

0

Time-->

3.05 3.10

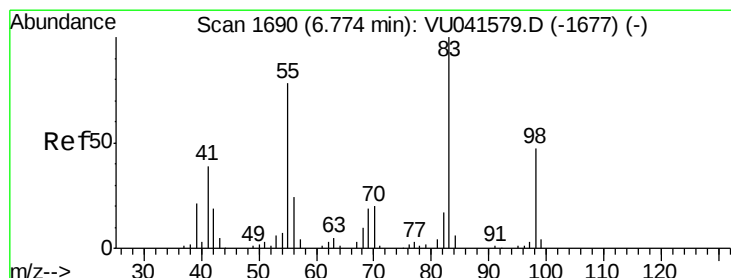
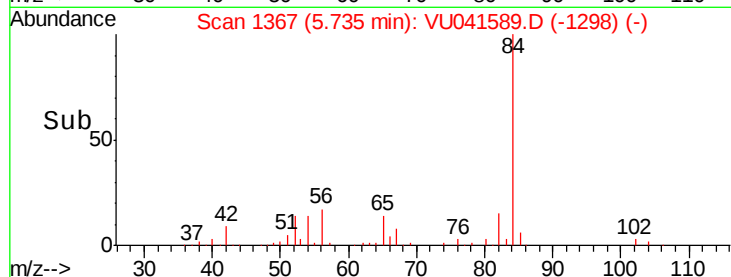
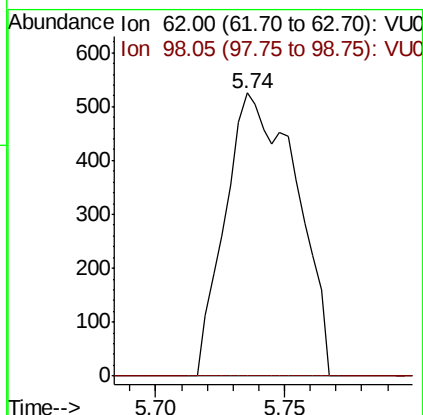
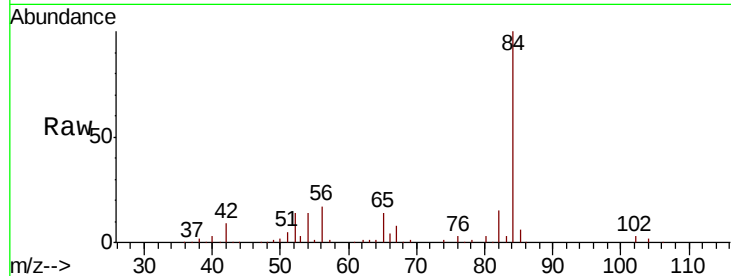




#27
 1,2-Dichloroethane
 Concen: 0.082 ug/L
 RT: 5.74 min Scan# 1367
 Delta R.T. -0.08 min
 Lab File: VU041589.D
 Acq: 13 Dec 2020 00:26

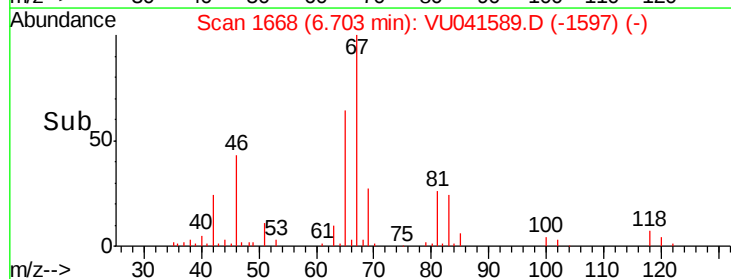
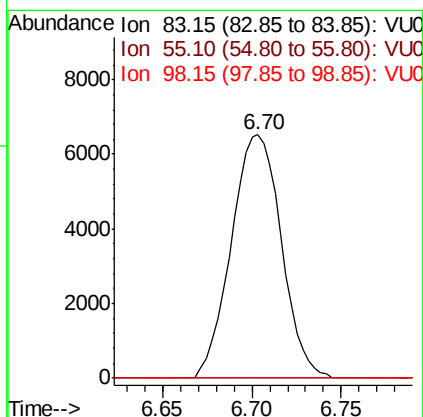
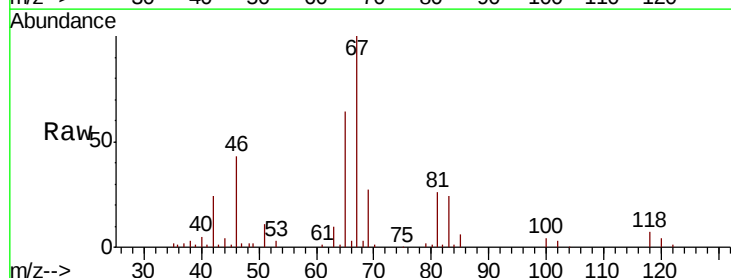
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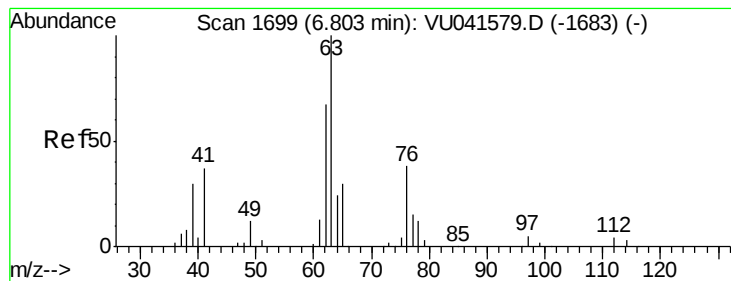
Tot Ion: 62 Resp: 1010
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.742 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041589.D
 Acq: 13 Dec 2020 00:26

Tgt Ion: 83 Resp: 12716
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.6 36.6 54.8#





#37

1,2-Dichloropropane

Concen: 0.508 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU041589.D

Acq: 13 Dec 2020 00:26

Instrument :

MSVOA_U

ClientSampleId :

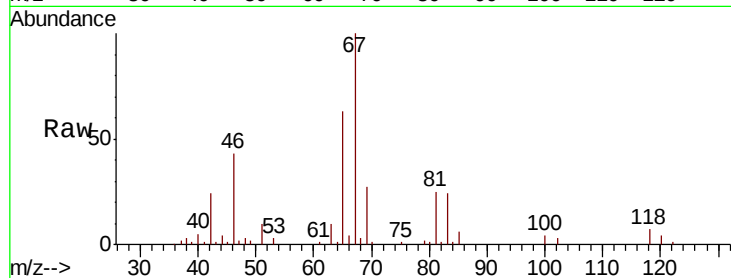
C0B11

Tot Ion: 63 Resp: 5482

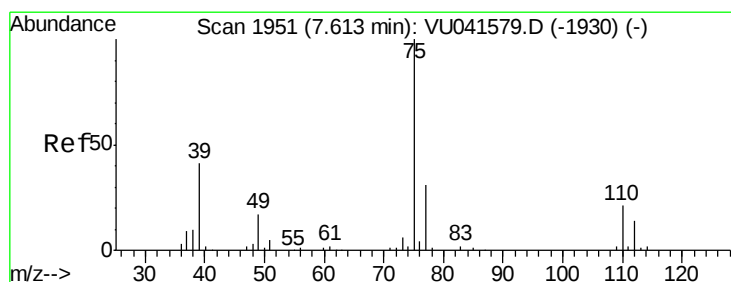
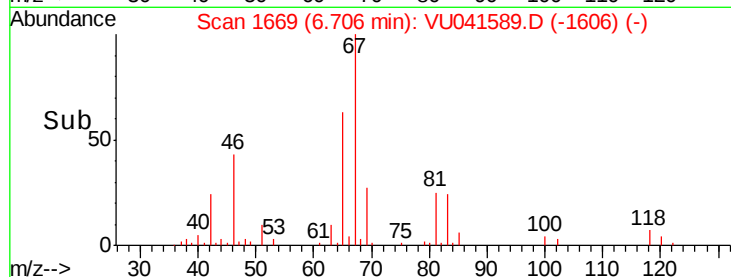
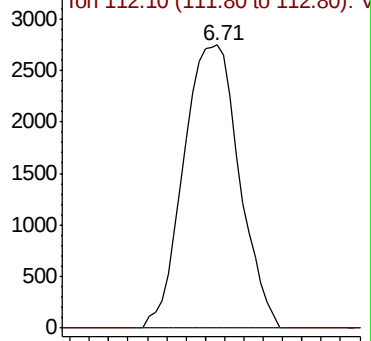
Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU041579.D (-1683) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU041589.D

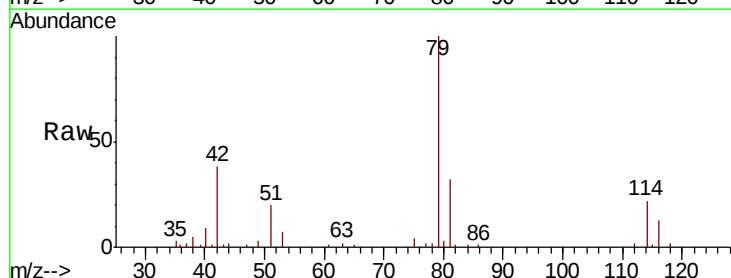
Acq: 13 Dec 2020 00:26

Tgt Ion: 75 Resp: 1286

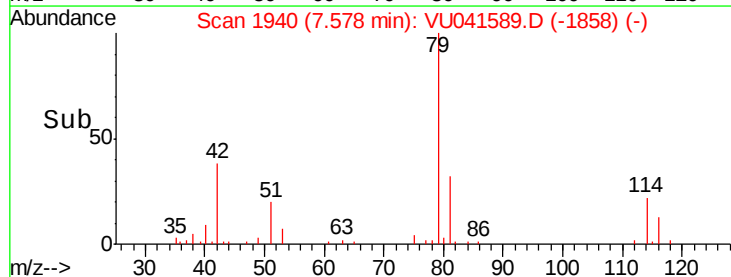
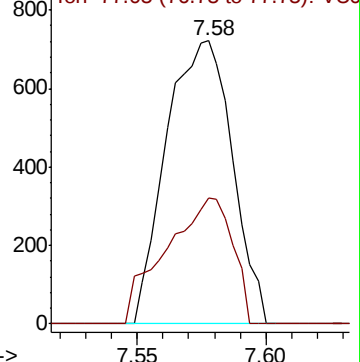
Ion Ratio Lower Upper

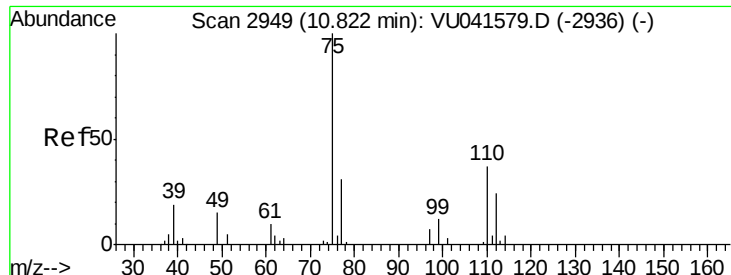
75 100

77 44.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU041579.D (-1930) (-)





#59

1,2,3-Trichloropropane

Concen: 0.954 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041589.D

Acq: 13 Dec 2020 00:26

Instrument :

MSVOA_U

ClientSampleId :

C0B11

Tot Ion: 75 Resp: 7728

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

