

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041557.D
 Acq On : 11 Dec 2020 00:20
 Operator : SY/MD
 Sample : L5023-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY8

Quant Time: Dec 11 07:35:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 07:33:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	42571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	42457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21050	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9554	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.92	69	8288	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.58	63	16288	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.66	46	29008	35.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.76%
24) Chloroform-d	5.08	84	28822	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	19060	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.74	84	44603	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	11361	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.91	98	43219	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	7074	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	22591	33.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11762	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	19437	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

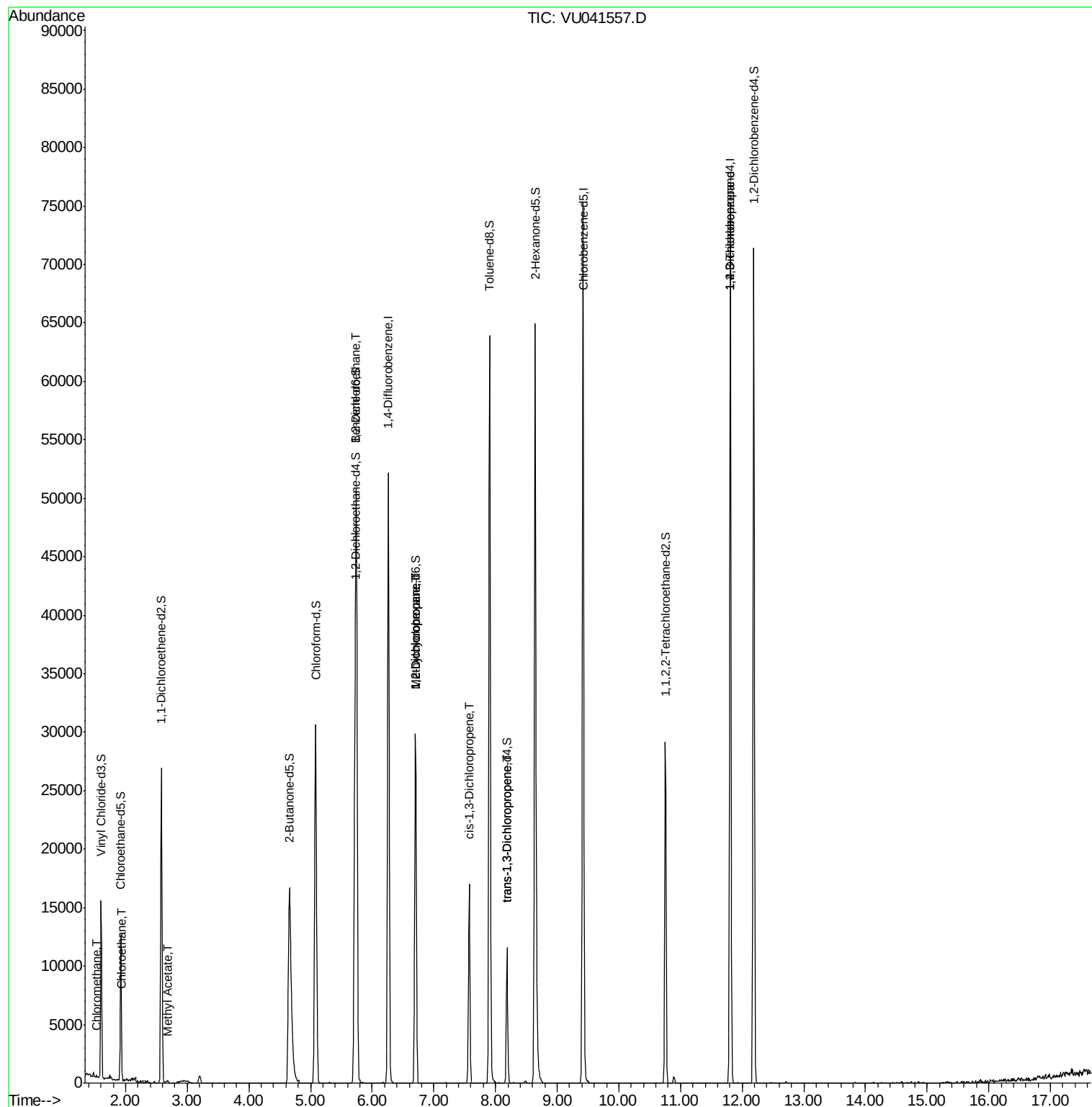
					Ovalue
3) Chloromethane	1.52	50	105	0.043 ug/L #	41
8) Chloroethane	1.94	64	67	0.035 ug/L #	45
15) Methyl Acetate	2.69	43	246	0.211 ug/L #	51
27) 1,2-Dichloroethane	5.74	62	272	0.059 ug/L #	79
35) Methylcyclohexane	6.71	83	3877	0.896 ug/L #	17
37) 1,2-Dichloropropane	6.71	63	1861	0.756 ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	434	0.098 ug/L	87
44) trans-1,3-Dichloropropene	8.19	75	297	0.067 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	1759	0.736 ug/L #	56

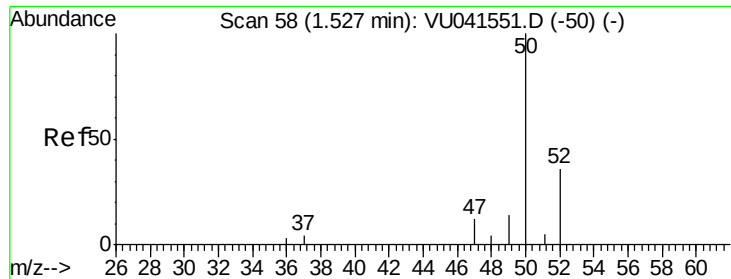
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.043 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041557.D

Acq: 11 Dec 2020 00:20

Instrument :

MSVOA_U

ClientSampleId :

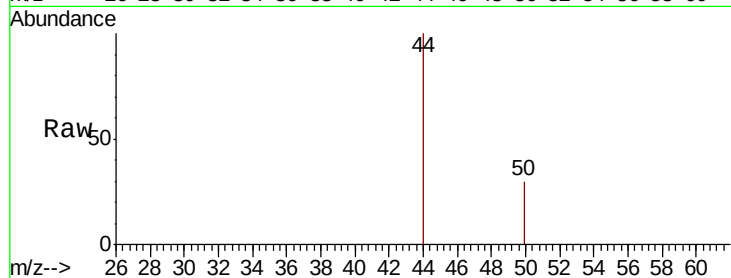
C0AY8

Tot Ion: 50 Resp: 105

Ion Ratio Lower Upper

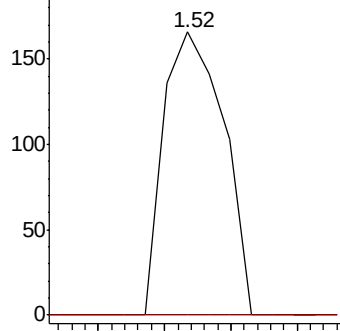
50 100

52 0.0 23.3 43.3#

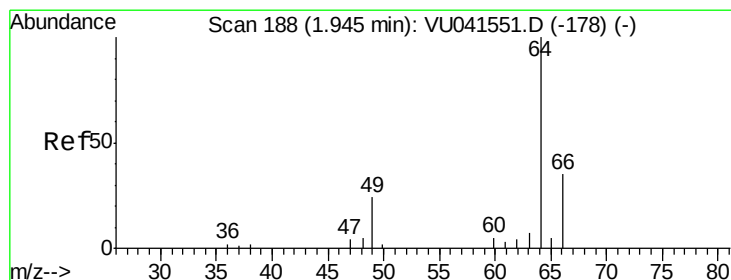
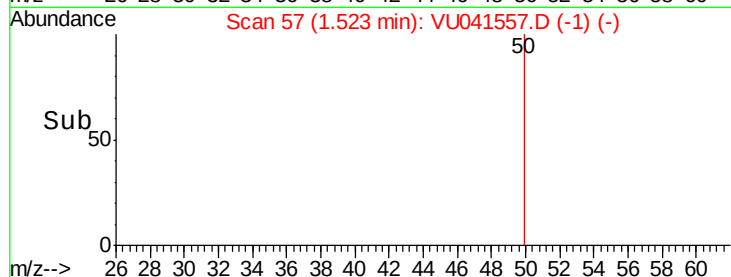


Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->



#8

Chloroethane

Concen: 0.035 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU041557.D

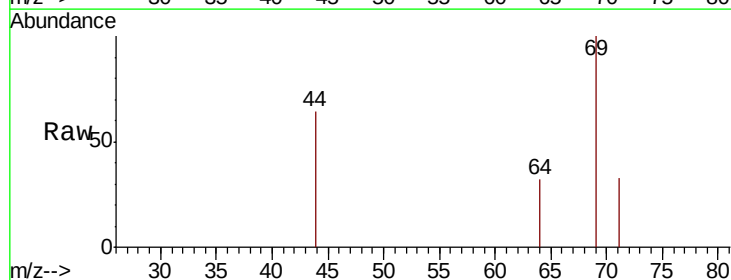
Acq: 11 Dec 2020 00:20

Tgt Ion: 64 Resp: 67

Ion Ratio Lower Upper

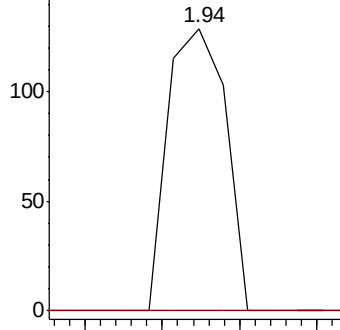
64 100

66 0.0 20.9 38.9#

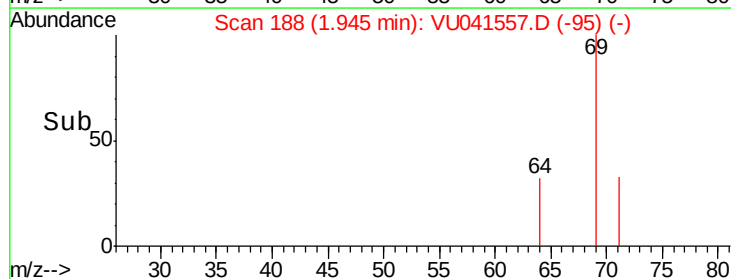


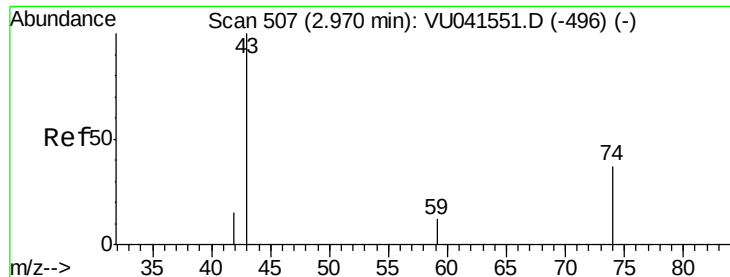
Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



Time-->





#15

Methyl Acetate

Concen: 0.211 ug/L

RT: 2.69 min Scan# 419

Delta R.T. -0.28 min

Lab File: VU041557.D

Acq: 11 Dec 2020 00:20

Instrument :

MSVOA_U

ClientSampleId :

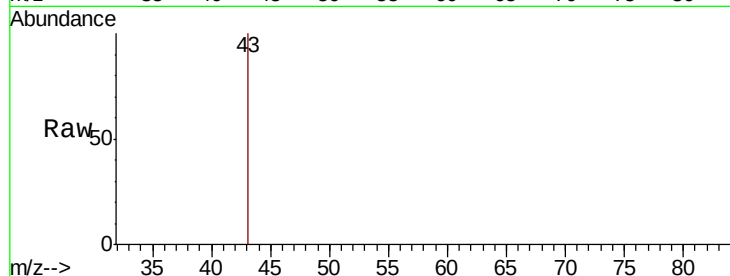
C0AY8

Tot Ion: 43 Resp: 246

Ion Ratio Lower Upper

43 100

74 0.0 19.7 29.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.69

200

150

100

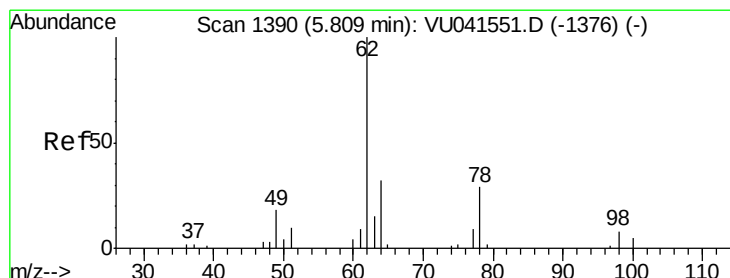
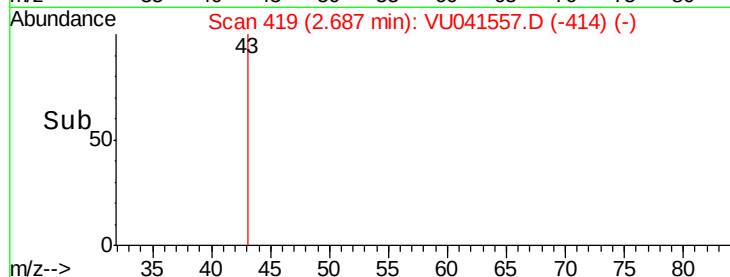
50

0

2.68

2.70

Time-->



#27

1,2-Dichloroethane

Concen: 0.059 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041557.D

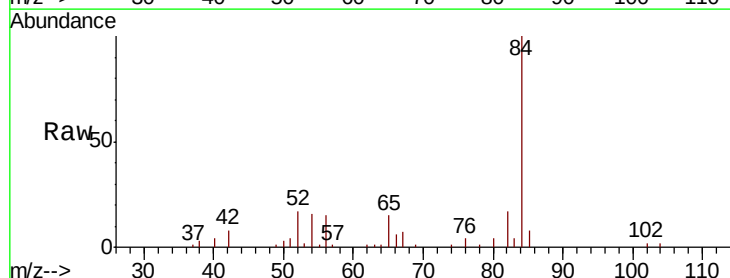
Acq: 11 Dec 2020 00:20

Tgt Ion: 62 Resp: 272

Ion Ratio Lower Upper

62 100

98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.74

200

150

100

50

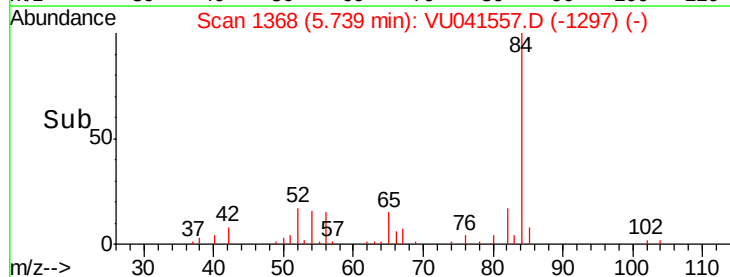
0

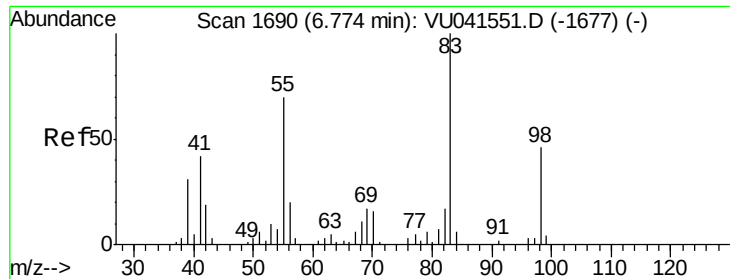
5.72

5.74

5.76

Time-->

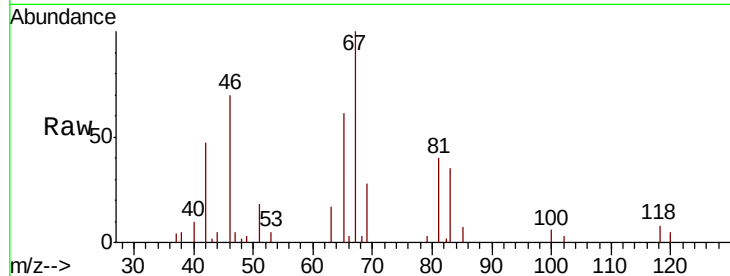




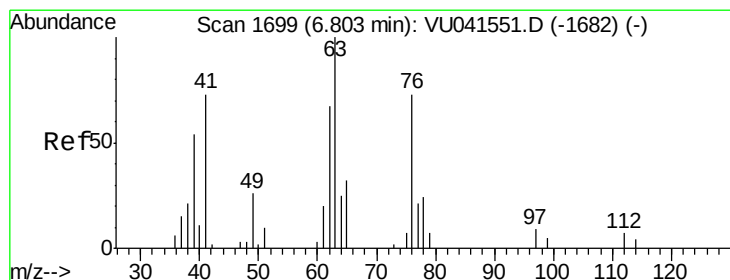
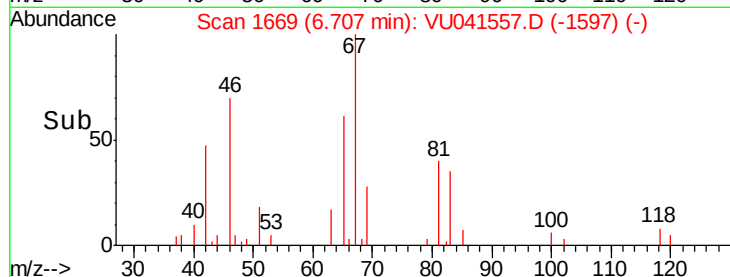
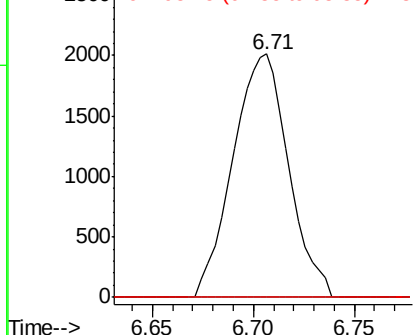
#35
Methylvlcyclohexane
Concen: 0.896 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU041557.D
Acq: 11 Dec 2020 00:20

Instrument :
MSVOA_U
ClientSampleId :
C0AY8

Tot Ion: 83 Resp: 3877
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

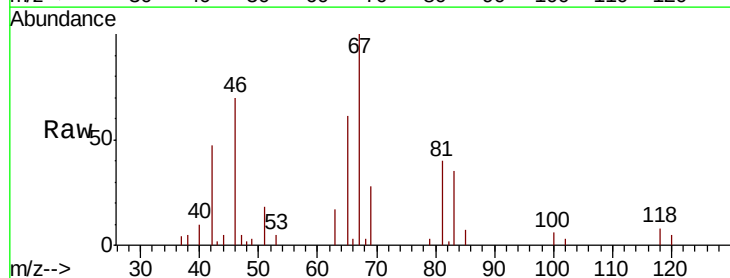


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

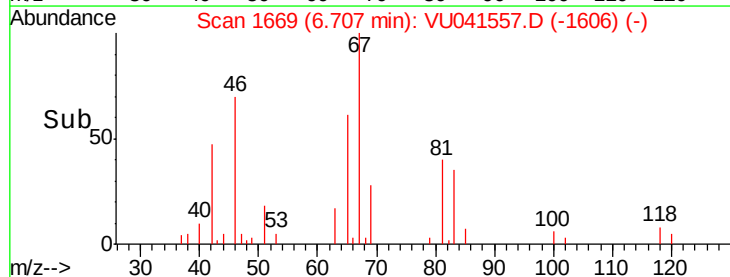
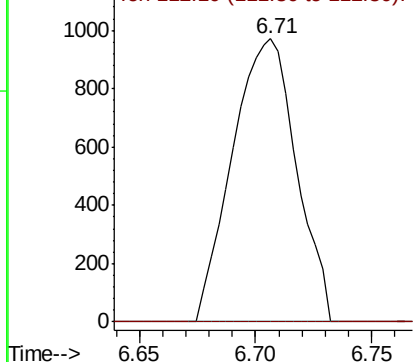


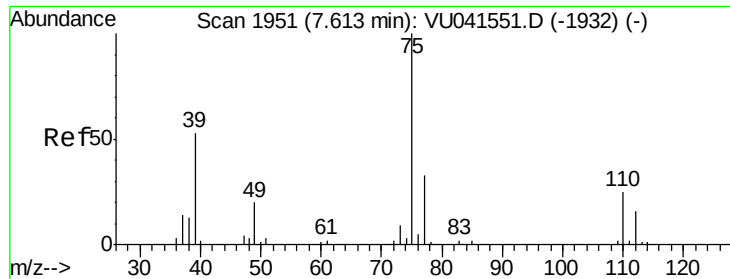
#37
1,2-Dichloropropane
Concen: 0.756 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU041557.D
Acq: 11 Dec 2020 00:20

Tgt Ion: 63 Resp: 1861
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



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: 0.098 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU041557.D

Acq: 11 Dec 2020 00:20

Instrument :

MSVOA_U

ClientSampleId :

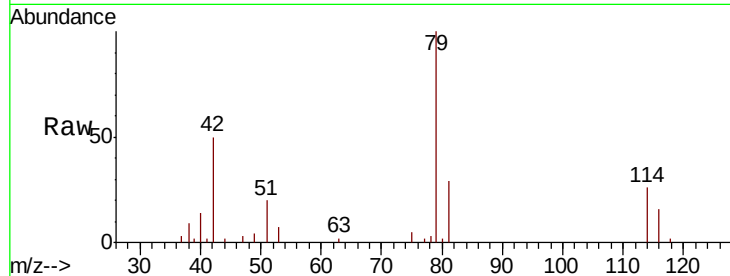
C0AY8

Tot Ion: 75 Resp: 434

Ion Ratio Lower Upper

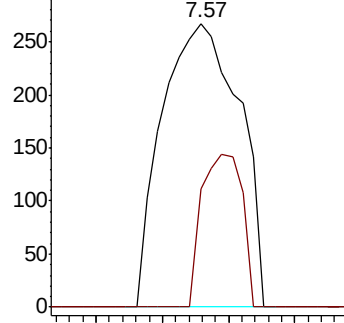
75 100

77 41.6 24.0 44.6

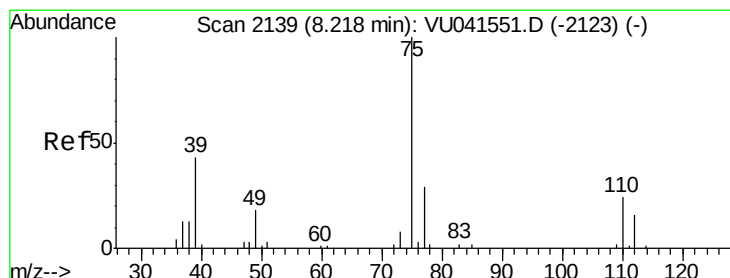
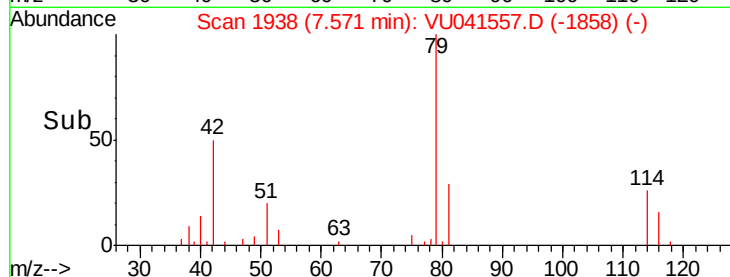


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041557.D

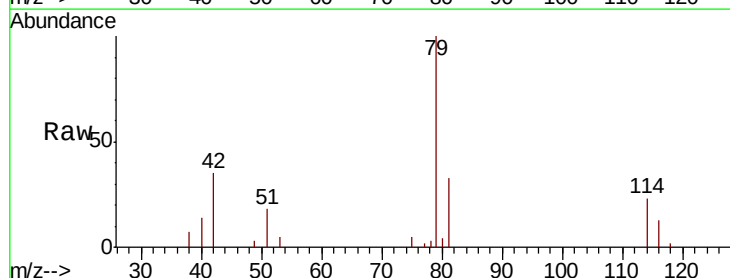
Acq: 11 Dec 2020 00:20

Tgt Ion: 75 Resp: 297

Ion Ratio Lower Upper

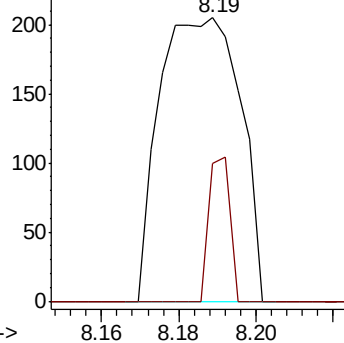
75 100

77 48.8 22.7 42.3#

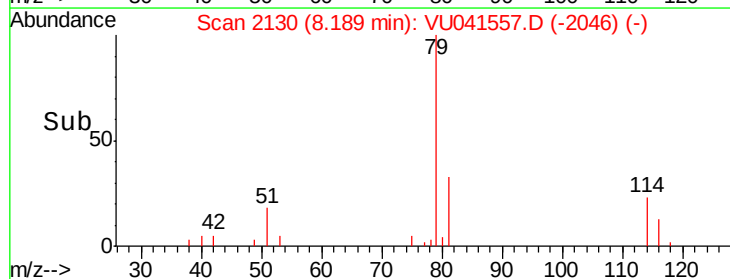


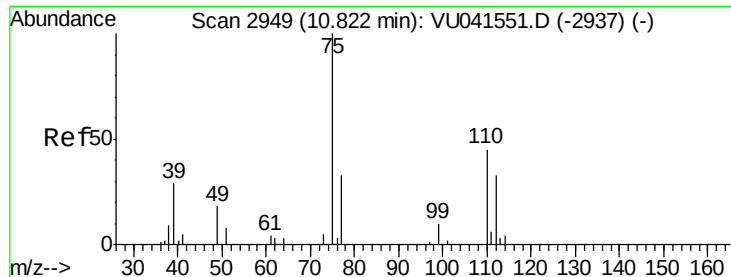
Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->





#59

1,2,3-Trichloropropane

Concen: 0.736 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041557.D

Acq: 11 Dec 2020 00:20

Instrument :

MSVOA_U

ClientSampleId :

C0AY8

Tot Ion: 75 Resp: 1759

Ion Ratio Lower Upper

75 100

77 57.5 26.3 39.5#

