

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120420\
 Data File : VU041478.D
 Acq On : 04 Dec 2020 18:12
 Operator : SY/MD
 Sample : L4944-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ1

Quant Time: Dec 05 05:27:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 05:22:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50580	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26386	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	11262	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.92	69	11002	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.58	63	21886	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.65	46	50576	51.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	5.08	84	35278	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	23956	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.74	84	54329	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.70	67	15437	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.91	98	49283	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	9019	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	35821	42.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	15947	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	25166	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

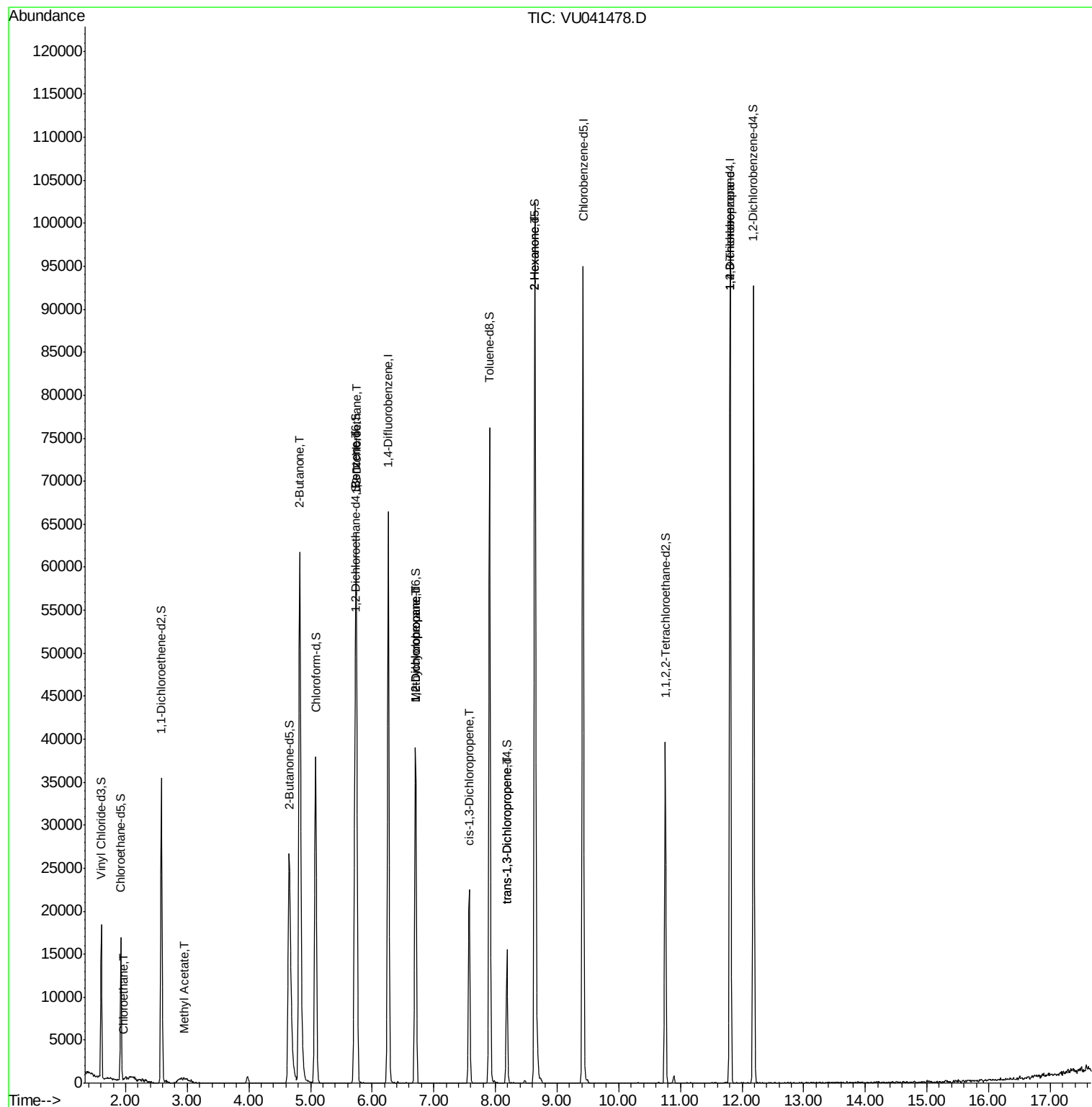
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.96	64	149	0.066	ug/L #	45
15) Methyl Acetate	2.95	43	209	0.151	ug/L #	51
21) 2-Butanone	4.83	43	90612	95.481	ug/L #	43
27) 1,2-Dichloroethane	5.75	62	259	0.047	ug/L #	79
33) Benzene	5.74	78	410	0.031	ug/L	100
35) Methylcyclohexane	6.70	83	4773	0.891	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	2250	0.738	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	591	0.107	ug/L #	64
44) trans-1,3-Dichloropropene	8.19	75	281	0.051	ug/L #	62
48) 2-Hexanone	8.64	43	5262	2.679	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	2415	0.816	ug/L #	81

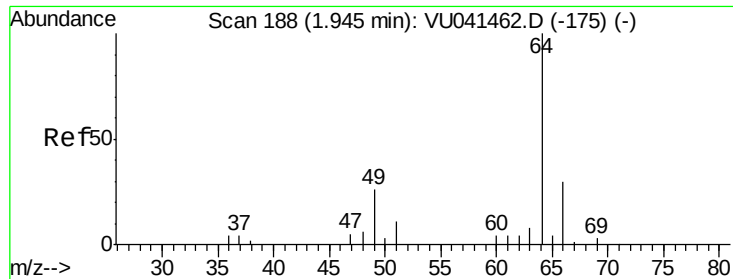
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.066 ug/L

RT: 1.96 min Scan# 194

Delta R.T. 0.02 min

Lab File: VU041478.D

Acq: 04 Dec 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

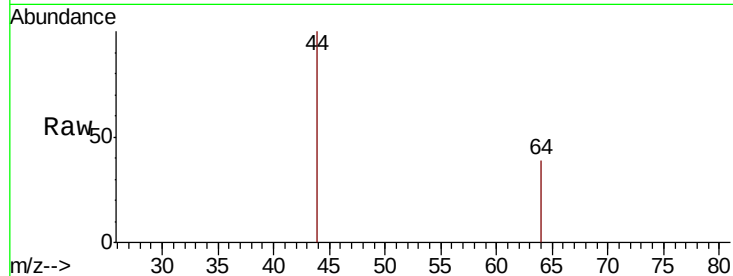
C0AQ1

Tot Ion: 64 Resp: 149

Ion Ratio Lower Upper

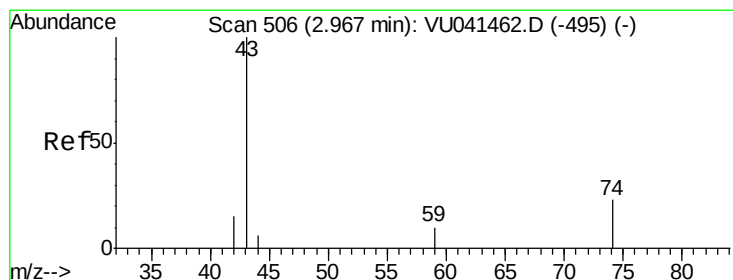
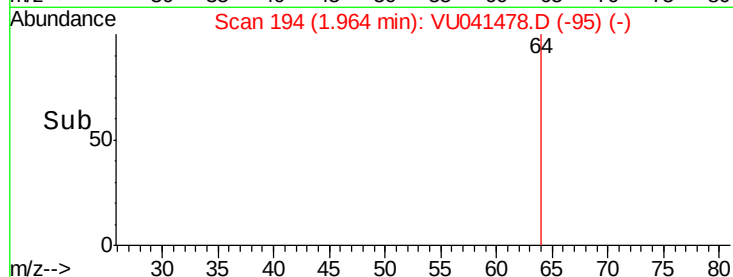
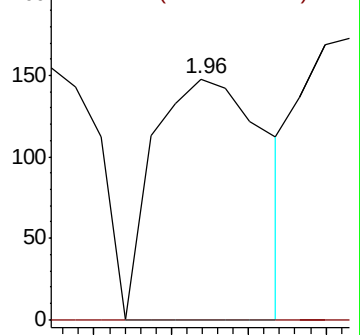
64 100

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



#15

Methyl Acetate

Concen: 0.151 ug/L

RT: 2.95 min Scan# 502

Delta R.T. -0.01 min

Lab File: VU041478.D

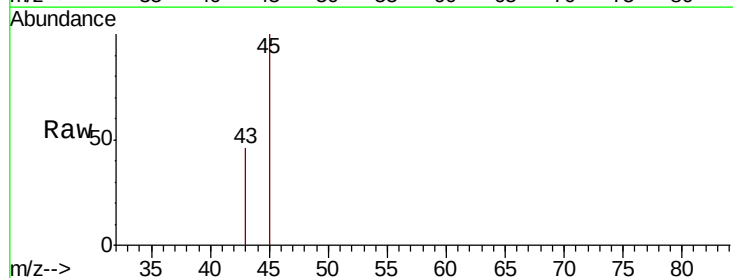
Acq: 04 Dec 2020 18:12

Tgt Ion: 43 Resp: 209

Ion Ratio Lower Upper

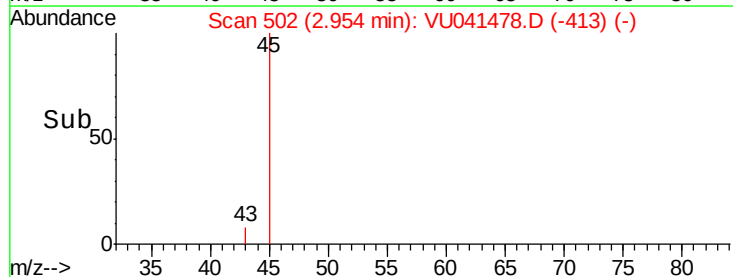
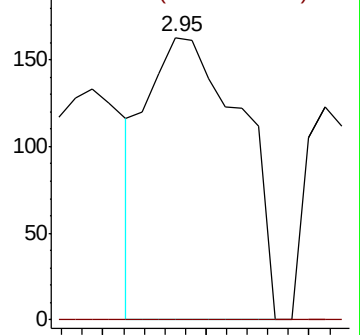
43 100

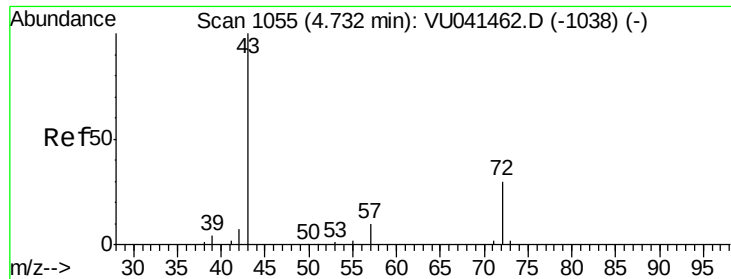
74 0.0 19.7 29.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#21

2-Butanone

Concen: 95.481 ug/L

RT: 4.83 min Scan# 1084

Delta R.T. 0.09 min

Lab File: VU041478.D

Acq: 04 Dec 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

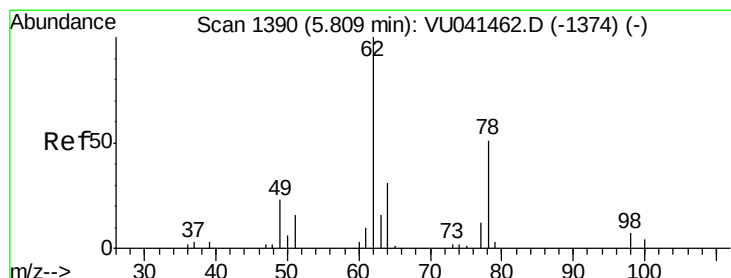
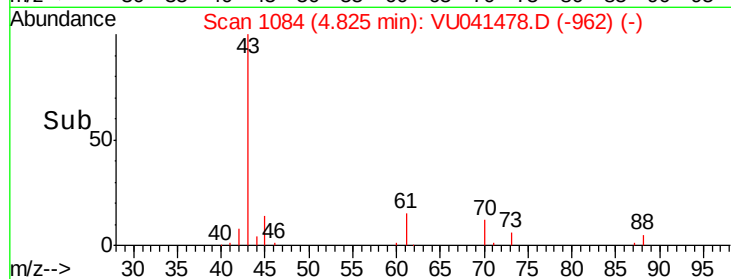
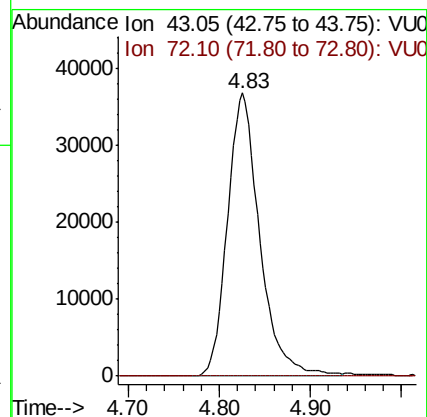
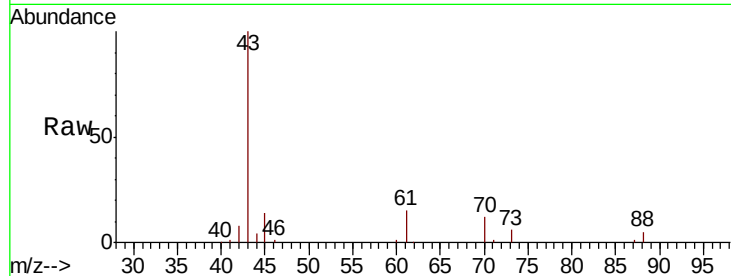
C0AQ1

Tot Ion: 43 Resp: 90612

Ion Ratio Lower Upper

43 100

72 0.0 15.7 47.1#



#27

1,2-Dichloroethane

Concen: 0.047 ug/L

RT: 5.75 min Scan# 1372

Delta R.T. -0.06 min

Lab File: VU041478.D

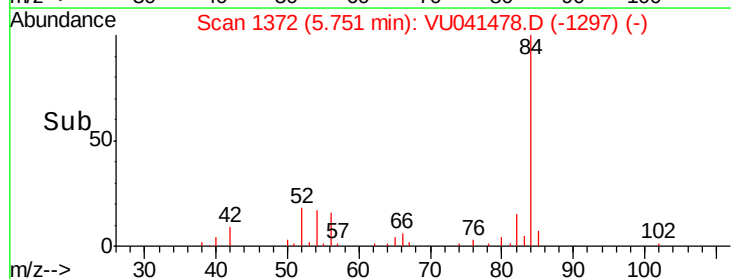
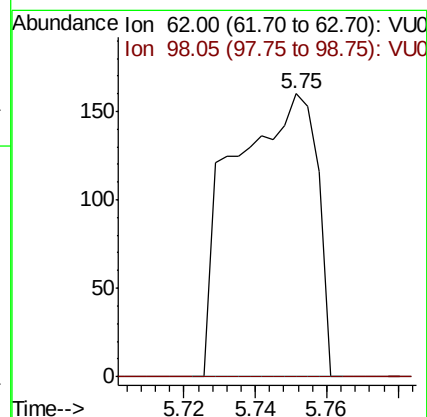
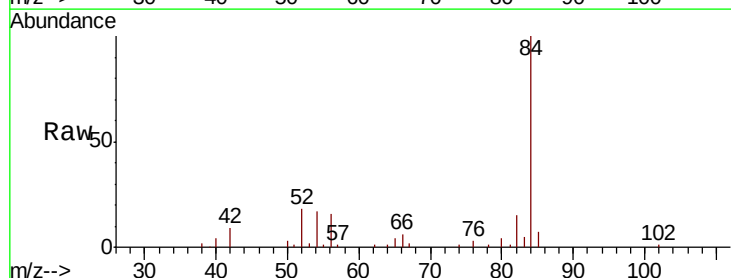
Acq: 04 Dec 2020 18:12

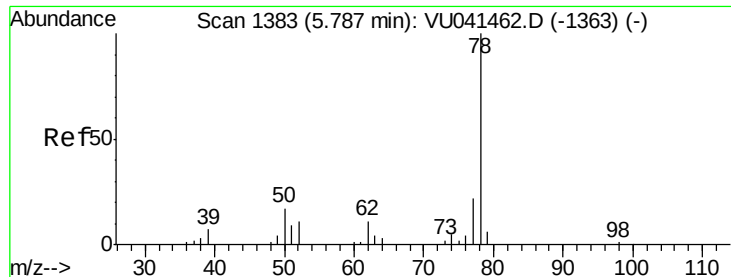
Tgt Ion: 62 Resp: 259

Ion Ratio Lower Upper

62 100

98 0.0 5.7 8.5#





#33

Benzene

Concen: 0.031 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU041478.D

Acq: 04 Dec 2020 18:12

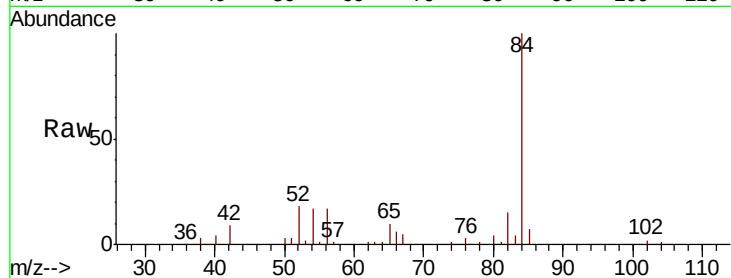
Instrument :

MSVOA_U

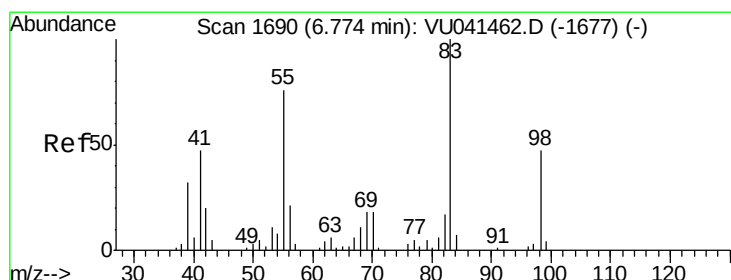
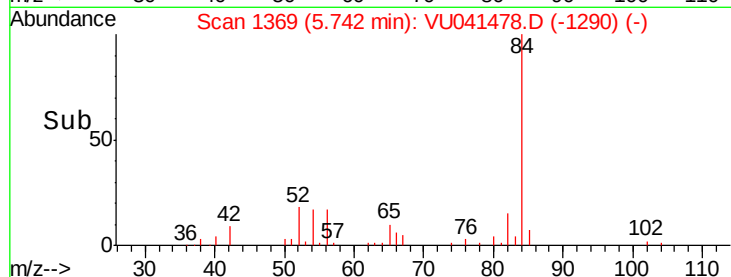
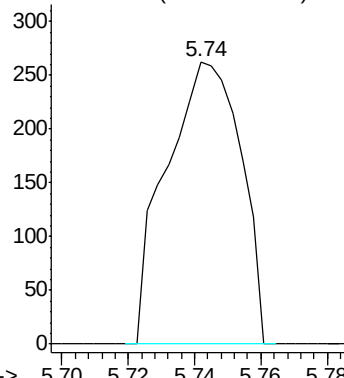
ClientSampleId :

C0AQ1

Tgt Ion: 78 Resp: 410



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.891 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041478.D

Acq: 04 Dec 2020 18:12

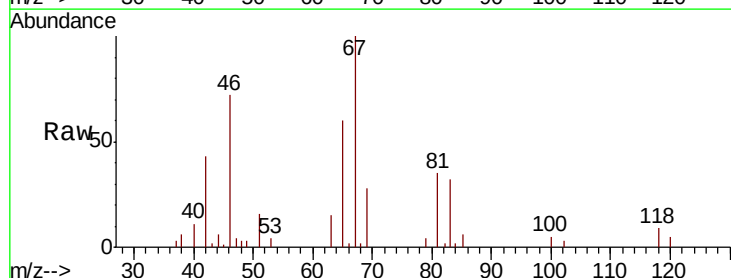
Tgt Ion: 83 Resp: 4773

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

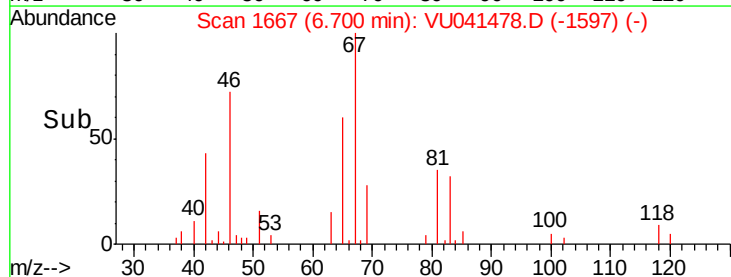
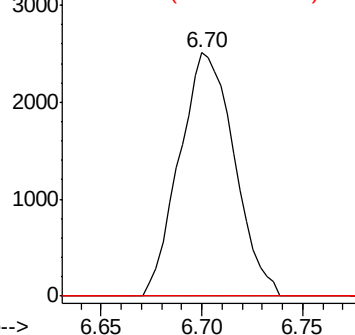
98 0.0 38.7 58.1#

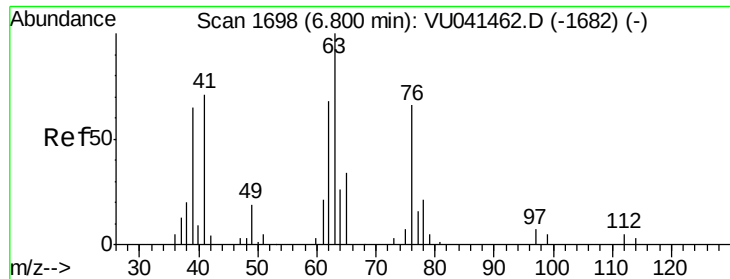


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

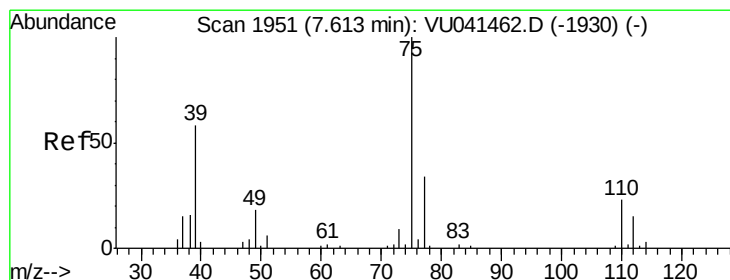
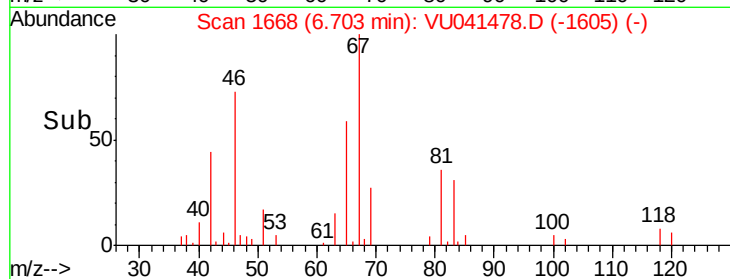
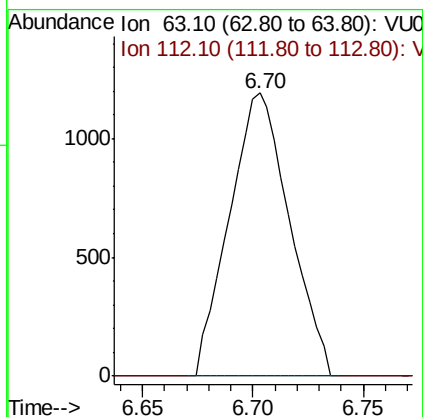
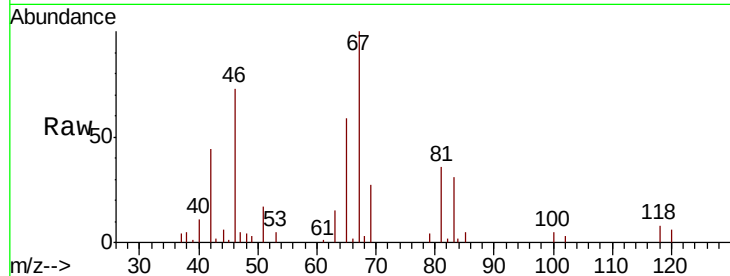




#37
 1,2-Dichloropropane
 Concen: 0.738 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041478.D
 Acq: 04 Dec 2020 18:12

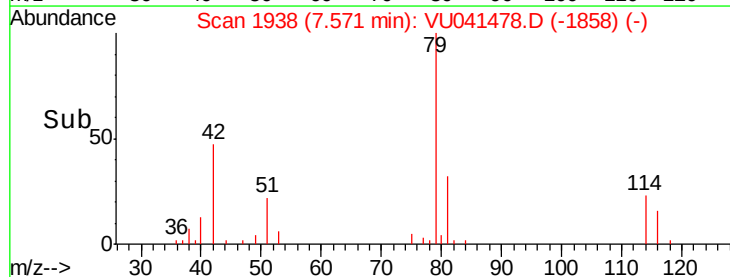
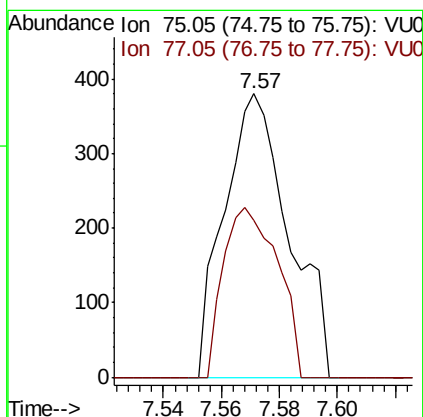
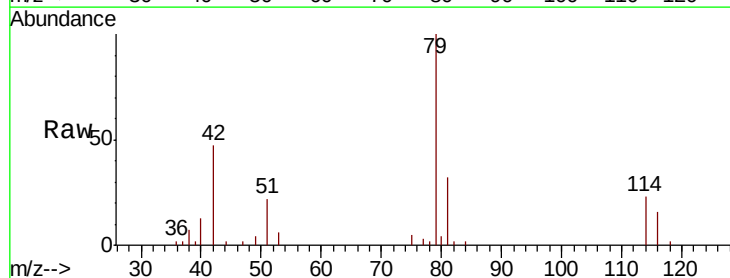
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ1

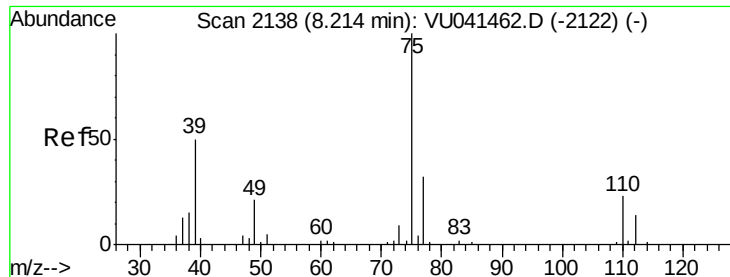
Tot Ion: 63 Resp: 2250
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041478.D
 Acq: 04 Dec 2020 18:12

Tgt Ion: 75 Resp: 591
 Ion Ratio Lower Upper
 75 100
 77 55.3 24.0 44.6#





#44

trans-1,3-Dichloropropene

Concen: 0.051 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041478.D

Acq: 04 Dec 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

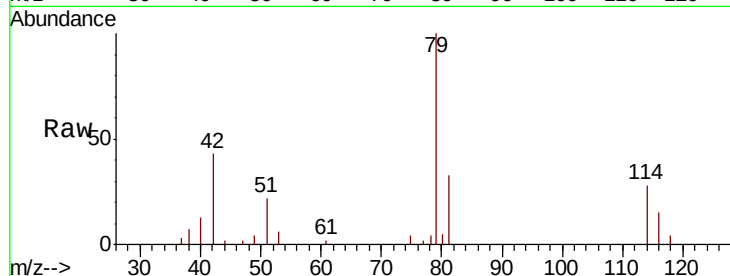
C0AQ1

Tot Ion: 75 Resp: 281

Ion Ratio Lower Upper

75 100

77 53.6 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

200

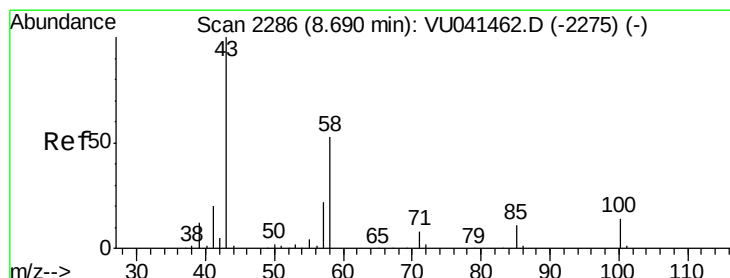
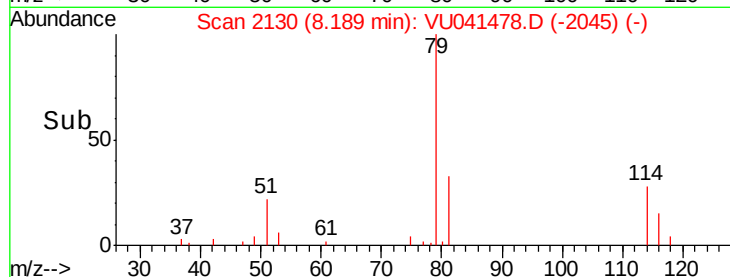
150

100

50

0

Time-->



#48

2-Hexanone

Concen: 2.679 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041478.D

Acq: 04 Dec 2020 18:12

Tgt Ion: 43 Resp: 5262

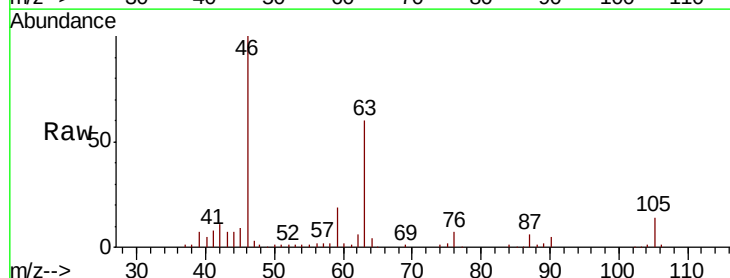
Ion Ratio Lower Upper

43 100

58 28.1 41.4 62.0#

57 27.2 17.1 25.7#

100 0.0 10.6 16.0#



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

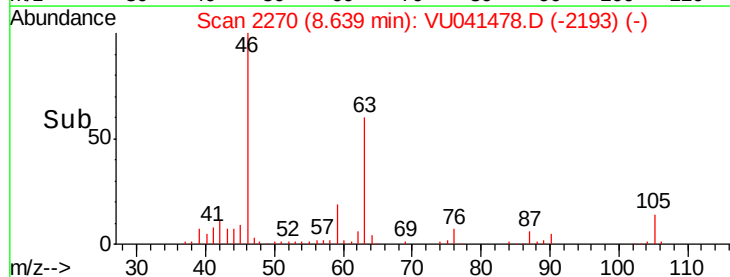
3000

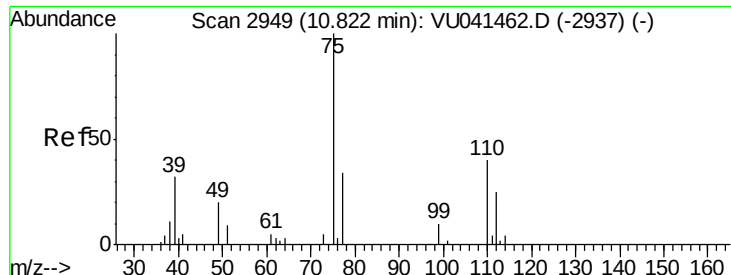
2000

1000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.816 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041478.D

Acq: 04 Dec 2020 18:12

Instrument :

MSVOA_U

ClientSampleId :

C0AQ1

Tot Ion: 75 Resp: 2415

Ion Ratio Lower Upper

75 100

77 43.5 26.3 39.5#

