

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112020\
 Data File : VU041373.D
 Acq On : 20 Nov 2020 17:39
 Operator : SY/MD
 Sample : L4849-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4411

Quant Time: Nov 21 05:40:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 21 02:42:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59064	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24254	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15486	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.92	69	15358	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.57	63	27422	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.64	46	79016	44.11	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.22%
24) Chloroform-d	5.08	84	44220	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.72	65	29417	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	80779	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.70	67	28095	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.91	98	64992	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.19	79	10485	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	51254	41.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24257	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	26632	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

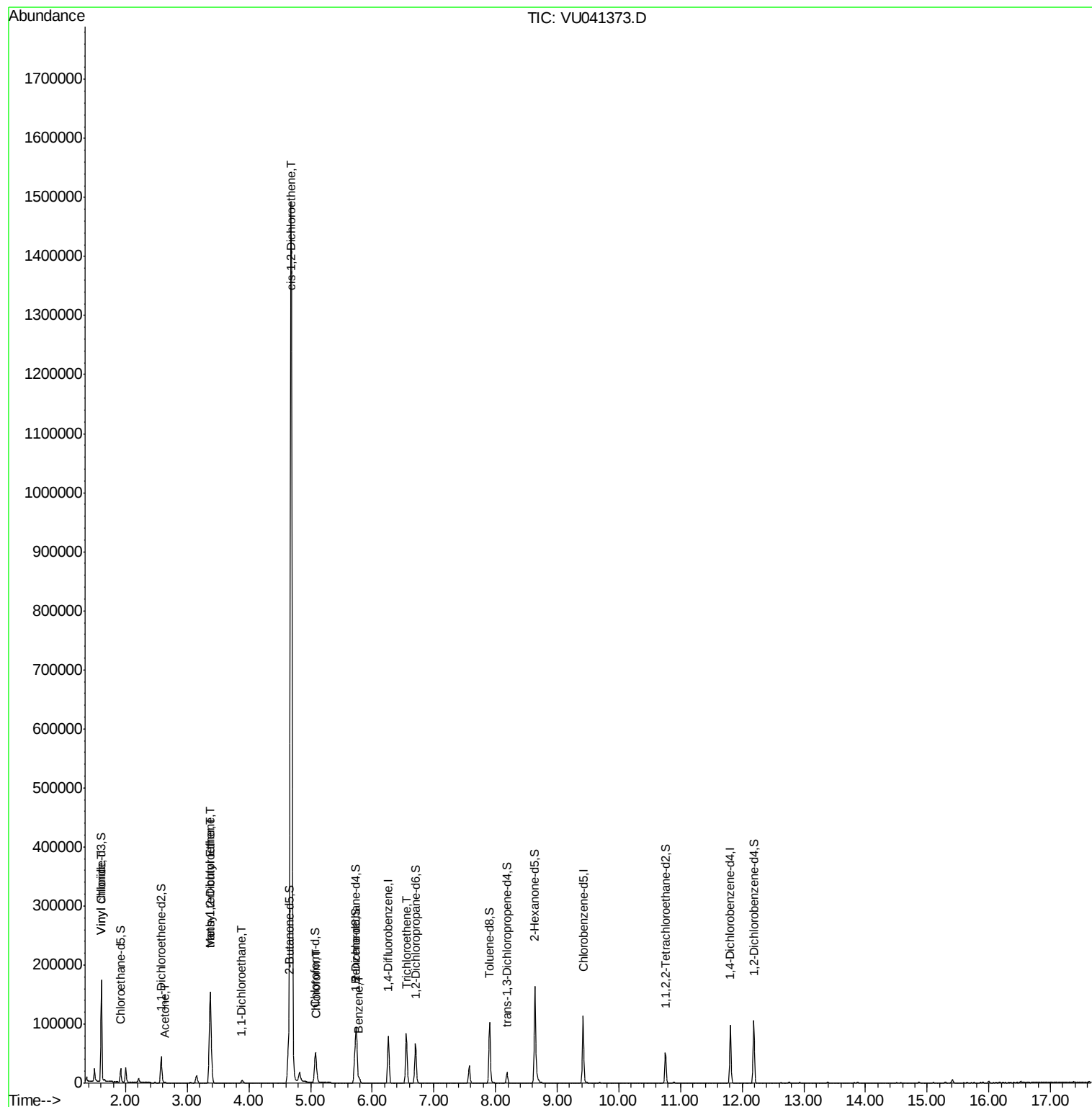
					Ovalue
5) Vinyl chloride	1.61	62	69520	13.558	ug/L 99
13) Acetone	2.64	43	1402	1.180	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	78702	7.477	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	34953	9.334	ug/L 98
19) 1,1-Dichloroethane	3.88	63	5690	0.680	ug/L 99
22) cis-1,2-Dichloroethene	4.68	96	719749	170.192	ug/L 98
25) Chloroform	5.11	83	3637	0.401	ug/L 98
33) Benzene	5.79	78	7329	0.463	ug/L 100
34) Trichloroethene	6.55	95	28157	6.575	ug/L 97

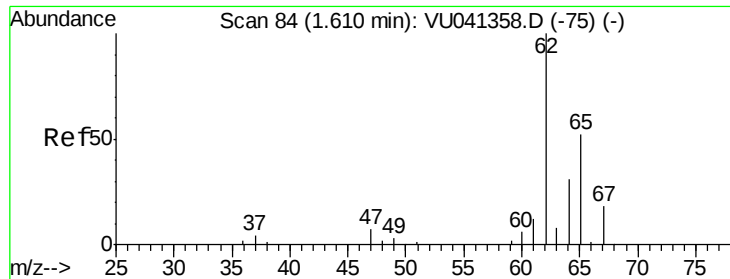
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112020\
Data File : VU041373.D
Acq On : 20 Nov 2020 17:39
Operator : SY/MD
Sample : L4849-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4411

Quant Time: Nov 21 05:40:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 21 02:42:19 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 13.558 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041373.D

Acq: 20 Nov 2020 17:39

Instrument :

MSVOA_U

ClientSampleID :

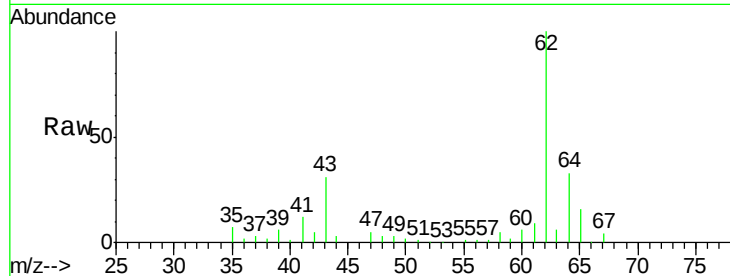
H4411

Tot Ion: 62 Resp: 69520

Ion Ratio Lower Upper

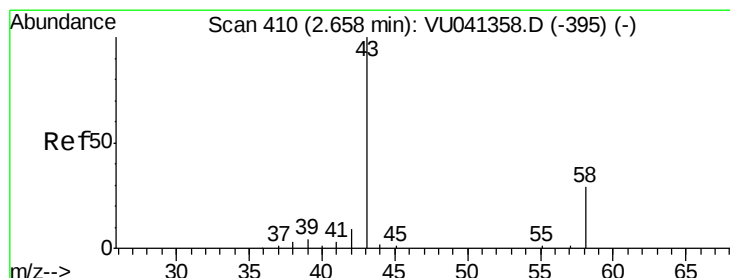
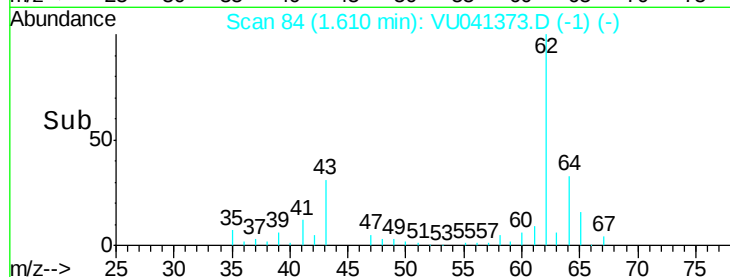
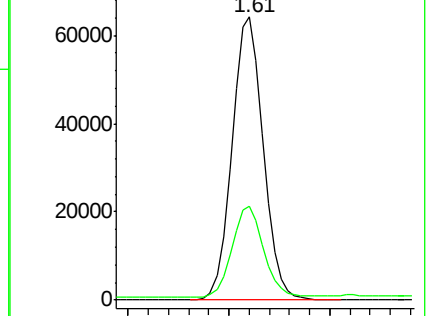
62 100

64 33.1 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 1.180 ug/L

RT: 2.64 min Scan# 403

Delta R.T. -0.02 min

Lab File: VU041373.D

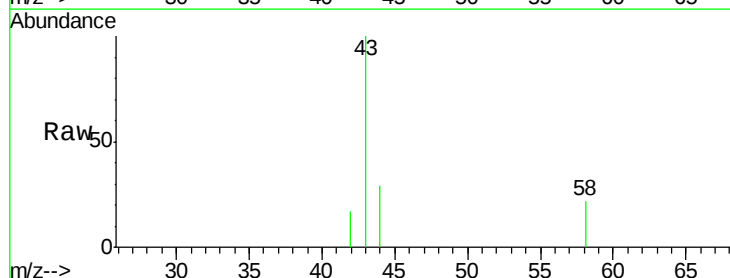
Acq: 20 Nov 2020 17:39

Tgt Ion: 43 Resp: 1402

Ion Ratio Lower Upper

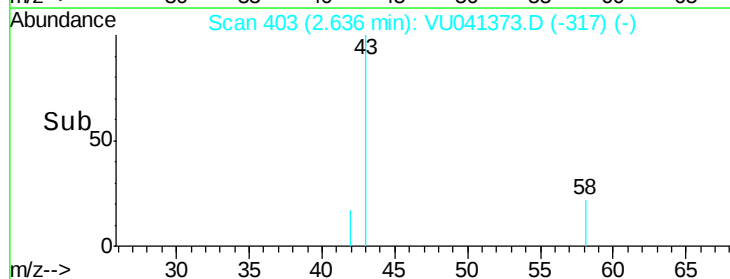
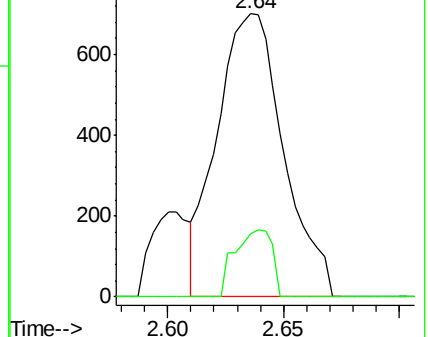
43 100

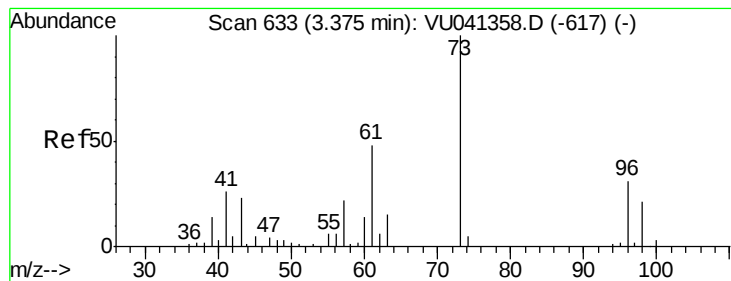
58 13.3 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#17

Methvl tert-butvl Ether

Concen: 7.477 ug/L

RT: 3.38 min Scan# 634

Delta R.T. 0.00 min

Lab File: VU041373.D

Acq: 20 Nov 2020 17:39

Instrument :

MSVOA_U

ClientSampleId :

H4411

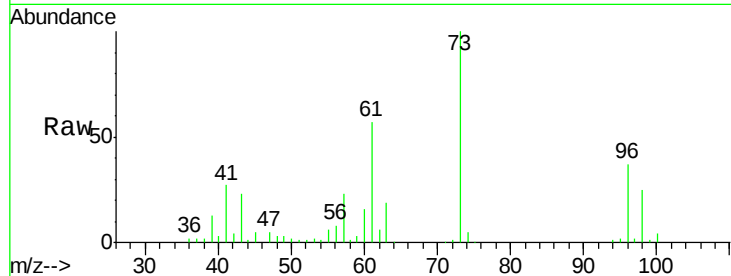
Tot Ion: 73 Resp: 78702

Ion Ratio Lower Upper

73 100

43 23.0 18.5 27.7

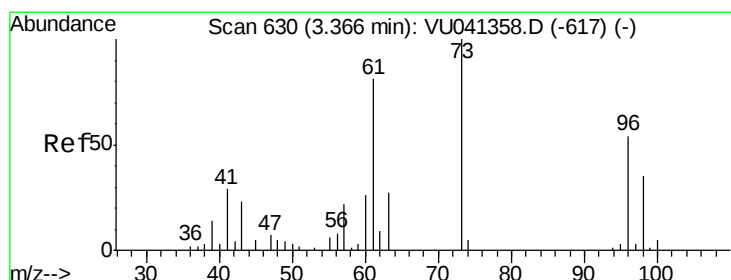
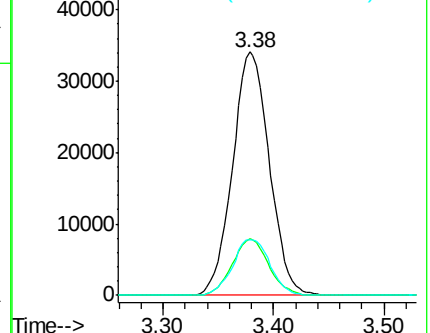
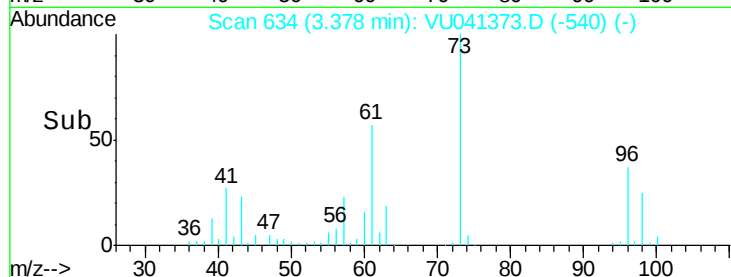
57 23.1 18.4 27.6



Abundance Ion 73.10 (72.80 to 73.80): VU041373.D (-540) (-)

Ion 43.05 (42.75 to 43.75): VU041373.D (-540) (-)

Ion 57.10 (56.80 to 57.80): VU041373.D (-540) (-)



#18

trans-1,2-Dichloroethene

Concen: 9.334 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041373.D

Acq: 20 Nov 2020 17:39

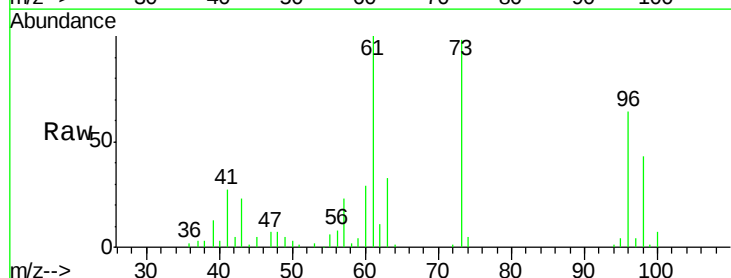
Tgt Ion: 96 Resp: 34953

Ion Ratio Lower Upper

96 100

61 155.1 110.9 205.9

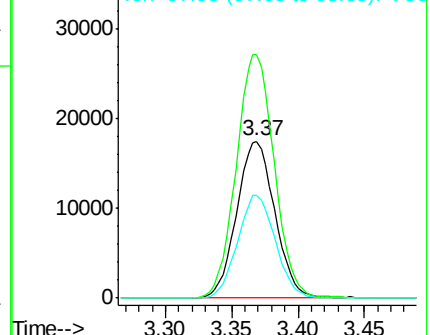
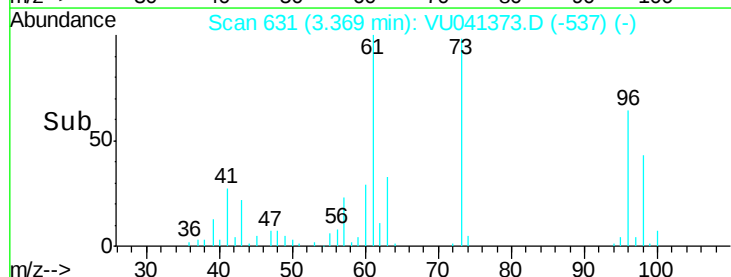
98 66.0 45.4 84.2

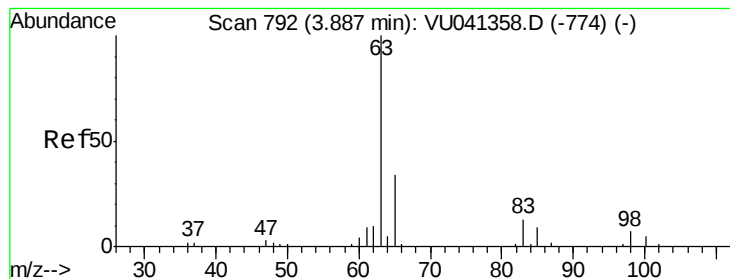


Abundance Ion 96.00 (95.70 to 96.70): VU041373.D (-537) (-)

Ion 61.05 (60.75 to 61.75): VU041373.D (-537) (-)

Ion 97.95 (97.65 to 98.65): VU041373.D (-537) (-)





#19

1,1-Dichloroethane

Concen: 0.680 ug/L

RT: 3.88 min Scan# 791

Delta R.T. -0.00 min

Lab File: VU041373.D

Acq: 20 Nov 2020 17:39

Instrument :

MSVOA_U

ClientSampleId :

H4411

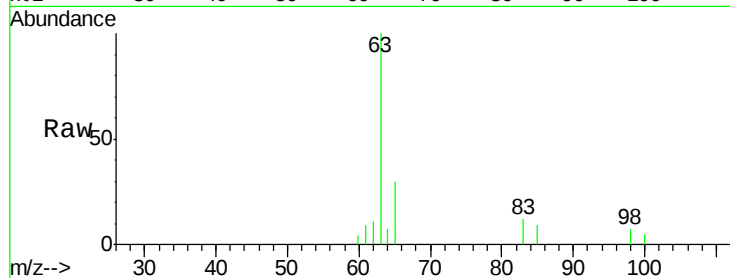
Tot Ion: 63 Resp: 5690

Ion Ratio Lower Upper

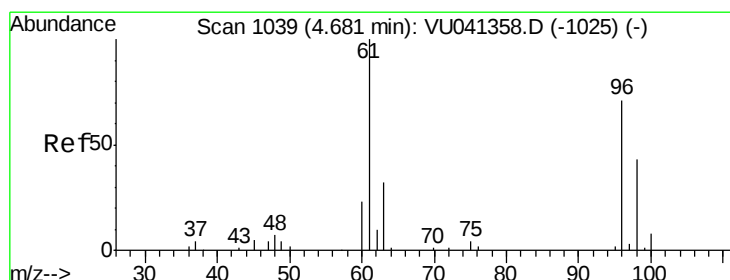
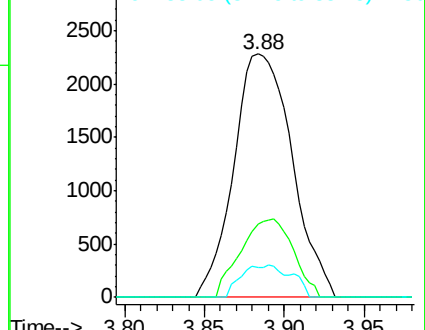
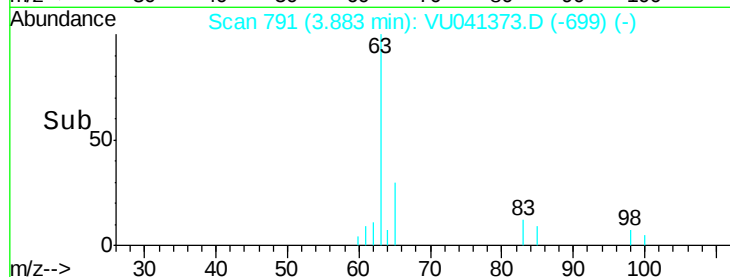
63 100

65 29.9 21.3 39.6

83 12.1 8.8 16.3



Abundance Ion 63.10 (62.80 to 63.80): VU041373.D (-699) (-)



#22

cis-1,2-Dichloroethene

Concen: 170.192 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041373.D

Acq: 20 Nov 2020 17:39

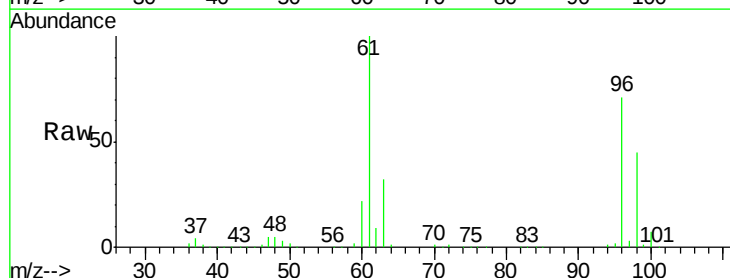
Tgt Ion: 96 Resp: 719749

Ion Ratio Lower Upper

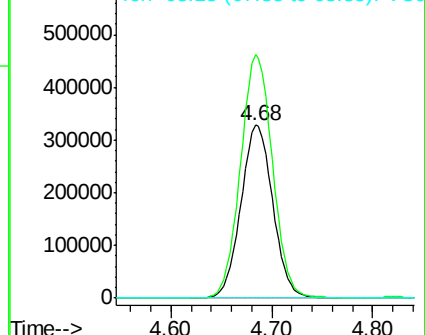
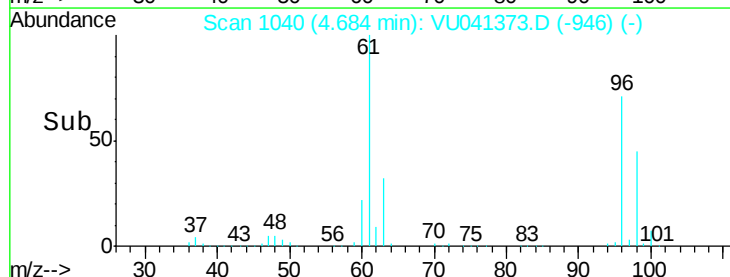
96 100

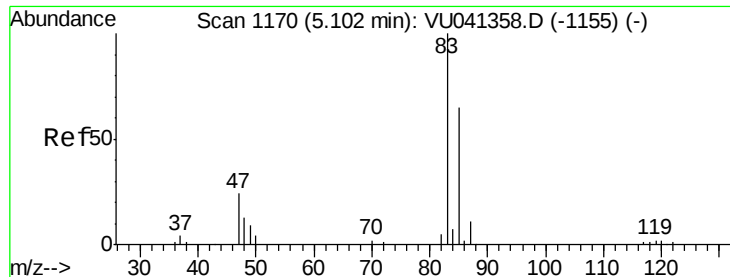
61 140.8 97.2 180.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041373.D (-946) (-)

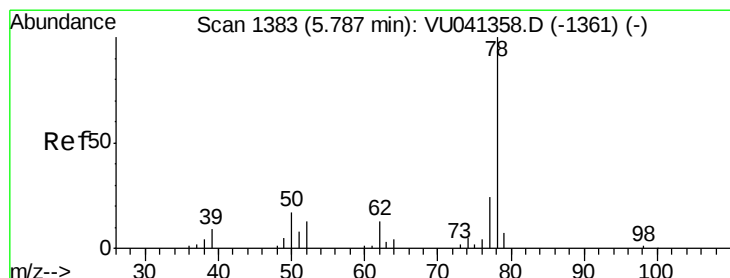
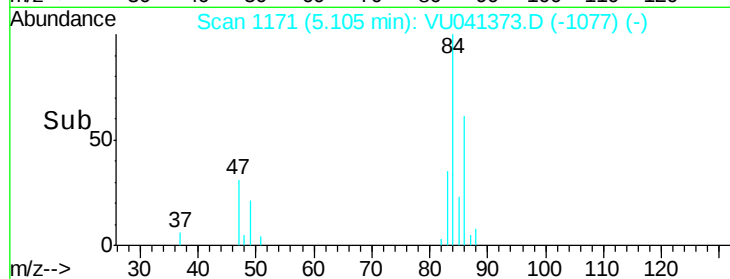
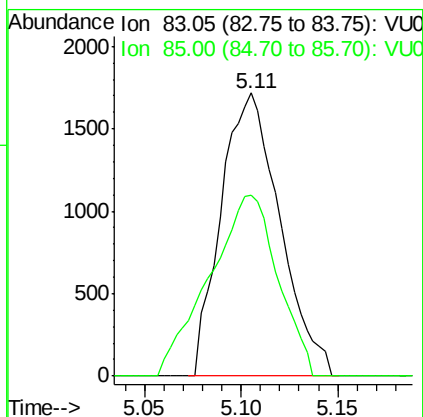
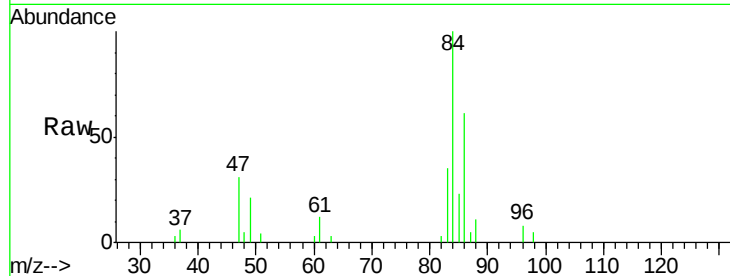




#25
Chloroform
Concen: 0.401 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041373.D
Acq: 20 Nov 2020 17:39

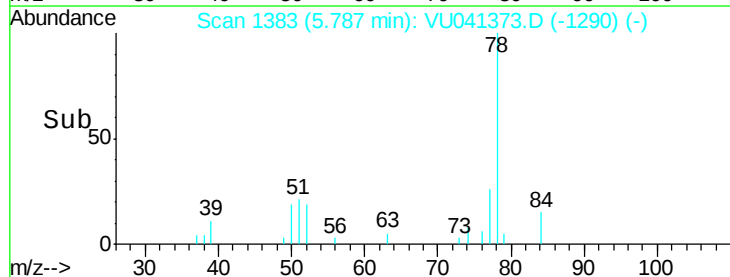
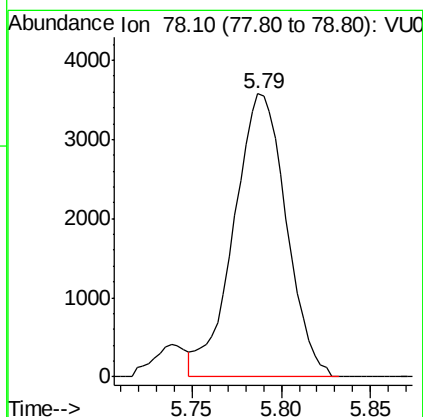
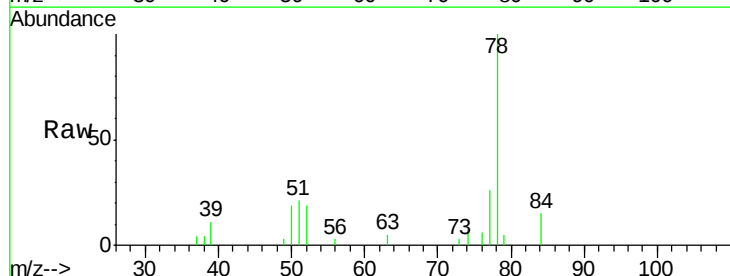
Instrument :
MSVOA_U
ClientSampleId :
H4411

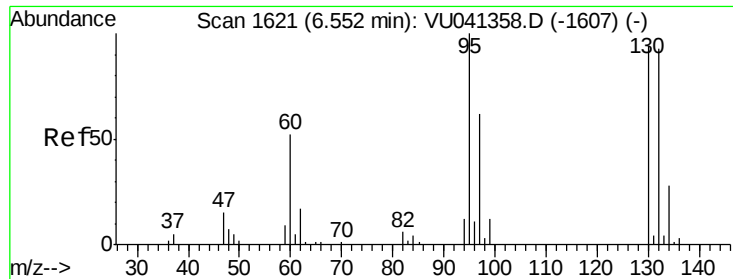
Tot Ion: 83 Resp: 3637
Ion Ratio Lower Upper
83 100
85 63.9 46.1 85.7



#33
Benzene
Concen: 0.463 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU041373.D
Acq: 20 Nov 2020 17:39

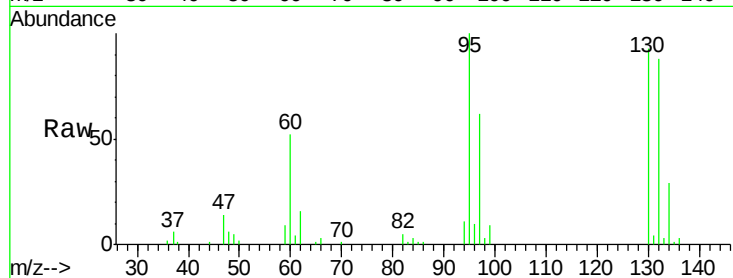
Tgt Ion: 78 Resp: 7329





#34
 Trichloroethene
 Concen: 6.575 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041373.D
 Acq: 20 Nov 2020 17:39

Instrument :
 MSVOA_U
 ClientSampleId :
 H4411



Tot Ion:	95	Resp:	28157
Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.6	84.6
132	88.4	64.8	120.4
130	93.2	64.8	120.4

