

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041775.D
 Acq On : 23 Dec 2020 12:22
 Operator : SY/MD
 Sample : L5161-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB241

Quant Time: Dec 24 01:43:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124104	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121490	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	39376	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.92	69	39263	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.58	63	58622	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	131979	47.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.72%
24) Chloroform-d	5.08	84	80332	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	45679	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.74	84	151281	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.70	67	48387	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	124015	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.18	79	19578	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	115098	42.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46042	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	47976	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

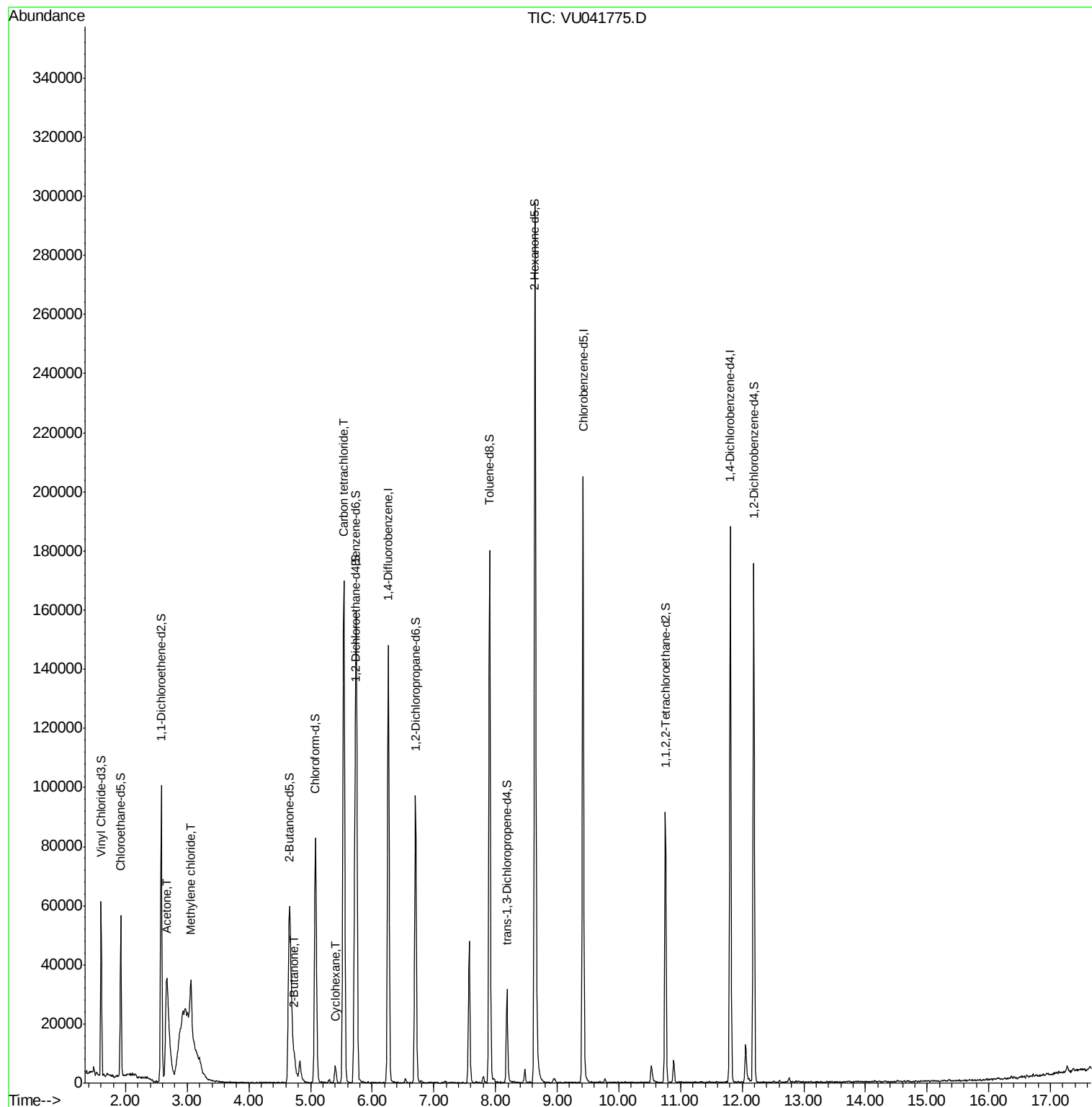
					Ovalue
13) Acetone	2.67	43	93163	52.553 ug/L	99
16) Methylene chloride	3.06	84	7076	0.704 ug/L	97
21) 2-Butanone	4.74	43	5845	2.024 ug/L	79
30) Cyclohexane	5.40	56	2561	0.164 ug/L #	83
31) Carbon tetrachloride	5.54	117	117688	9.755 ug/L	98

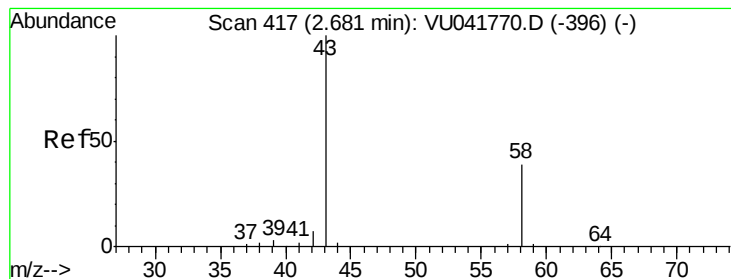
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 52.553 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

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Acq: 23 Dec 2020 12:22

Instrument :

MSVOA_U

ClientSampleID :

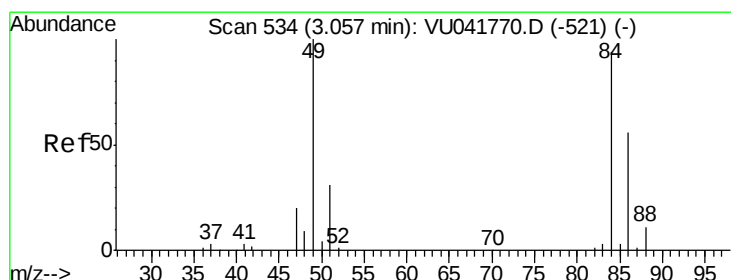
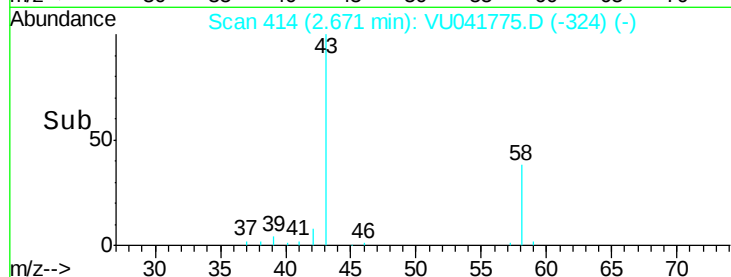
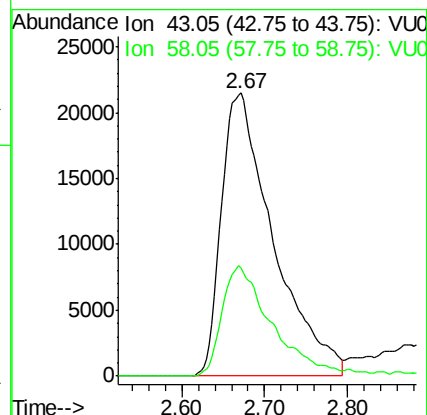
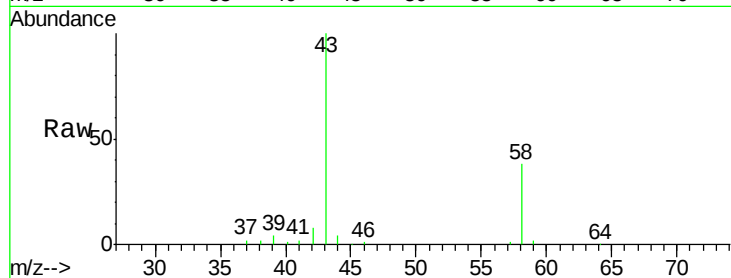
GB241

Tot Ion: 43 Resp: 93163

Ion Ratio Lower Upper

43 100

58 37.0 0.0 73.2



#16

Methylene chloride

Concen: 0.704 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

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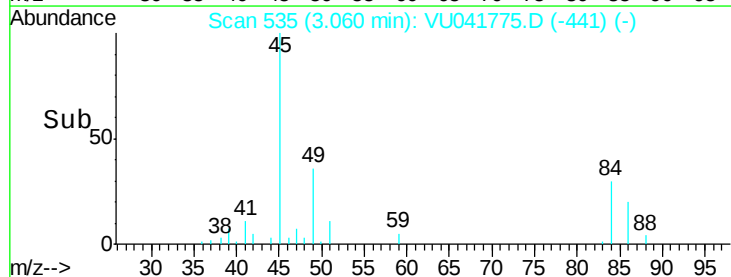
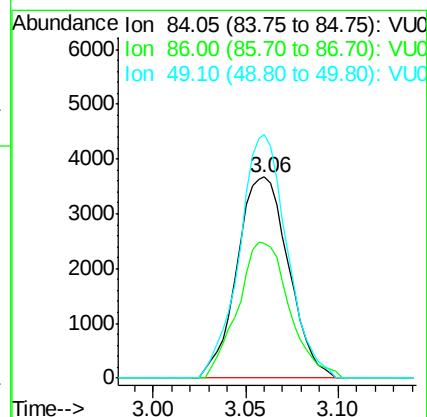
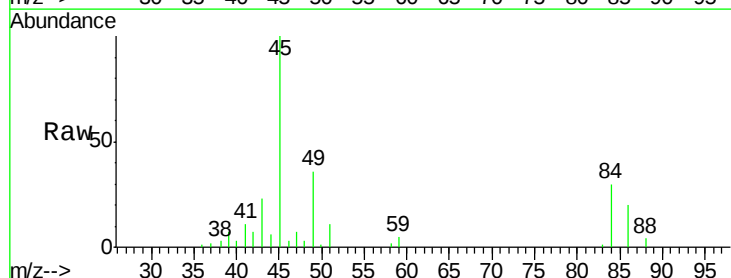
Tgt Ion: 84 Resp: 7076

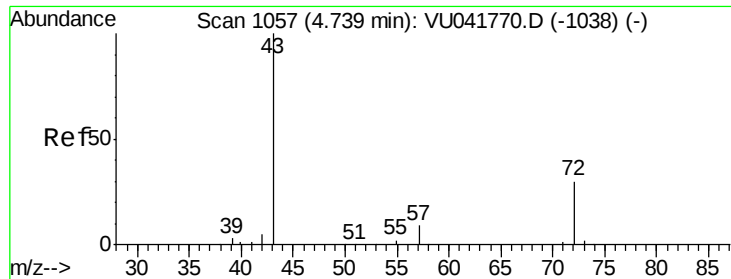
Ion Ratio Lower Upper

84 100

86 67.1 45.1 83.7

49 121.3 83.1 154.3





#21

2-Butanone

Concen: 2.024 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VU041775.D

Acq: 23 Dec 2020 12:22

Instrument :

MSVOA_U

ClientSampleId :

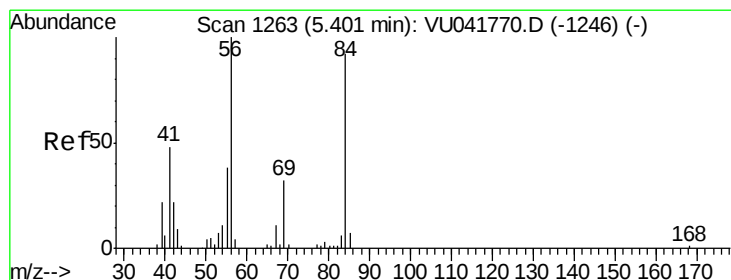
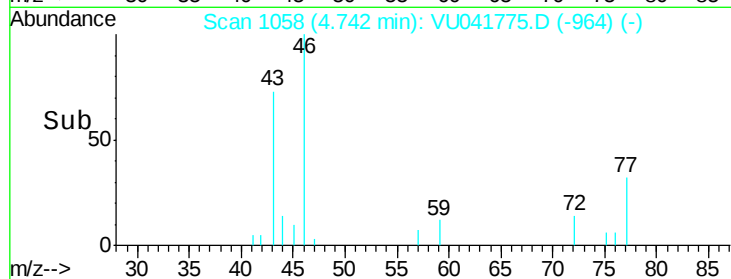
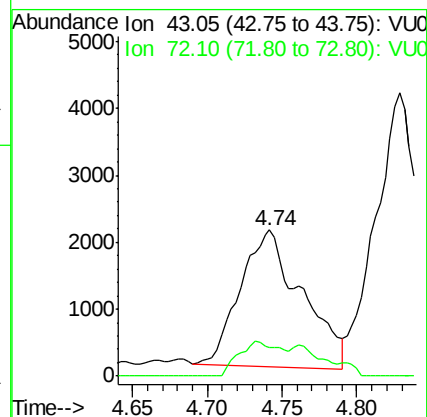
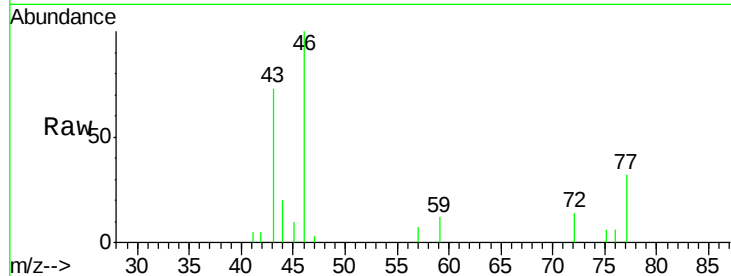
GB241

Tot Ion: 43 Resp: 5845

Ion Ratio Lower Upper

43 100

72 17.8 14.6 44.0



#30

Cyclohexane

Concen: 0.164 ug/L

RT: 5.40 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VU041775.D

Acq: 23 Dec 2020 12:22

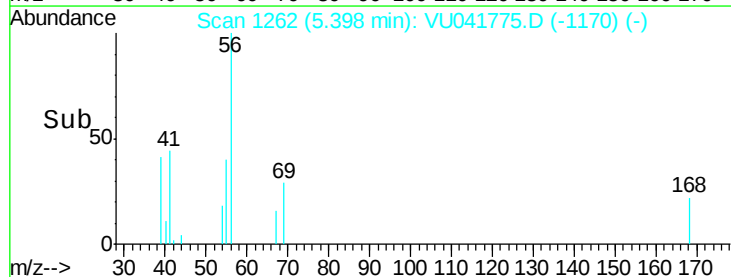
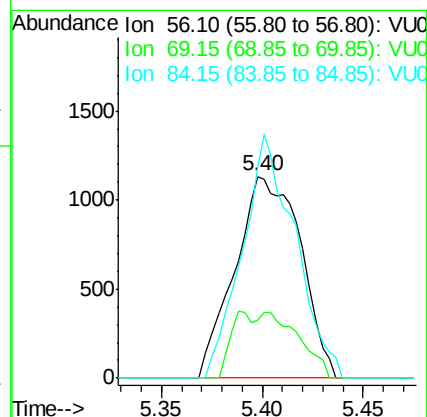
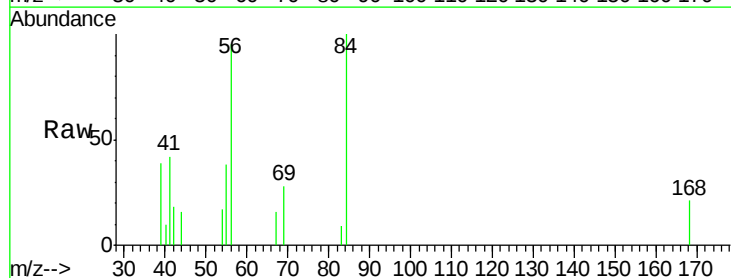
Tgt Ion: 56 Resp: 2561

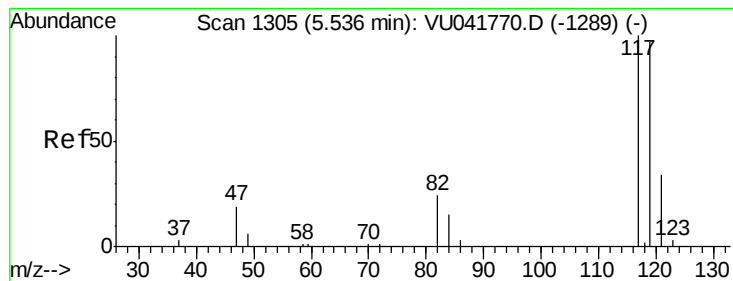
Ion Ratio Lower Upper

56 100

69 18.7 23.8 35.8#

84 97.5 66.2 99.4





#31

Carbon tetrachloride

Concen: 9.755 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU041775.D

Acq: 23 Dec 2020 12:22

Instrument :

MSVOA_U

ClientSampleId :

GB241

Tot Ion:117 Resp: 117688

Ion Ratio Lower Upper

117 100

119 97.5 76.2 114.2

