

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041784.D
 Acq On : 23 Dec 2020 15:47
 Operator : SY/MD
 Sample : L5161-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB238

Quant Time: Dec 24 03:48:35 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	122394	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51291	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36802	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.92	69	40609	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.58	63	56344	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.66	46	130422	47.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	5.08	84	75230	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.72	65	44262	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	144440	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.70	67	47322	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	114890	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	8.19	79	18940	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.64	63	110787	42.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43680	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44663	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

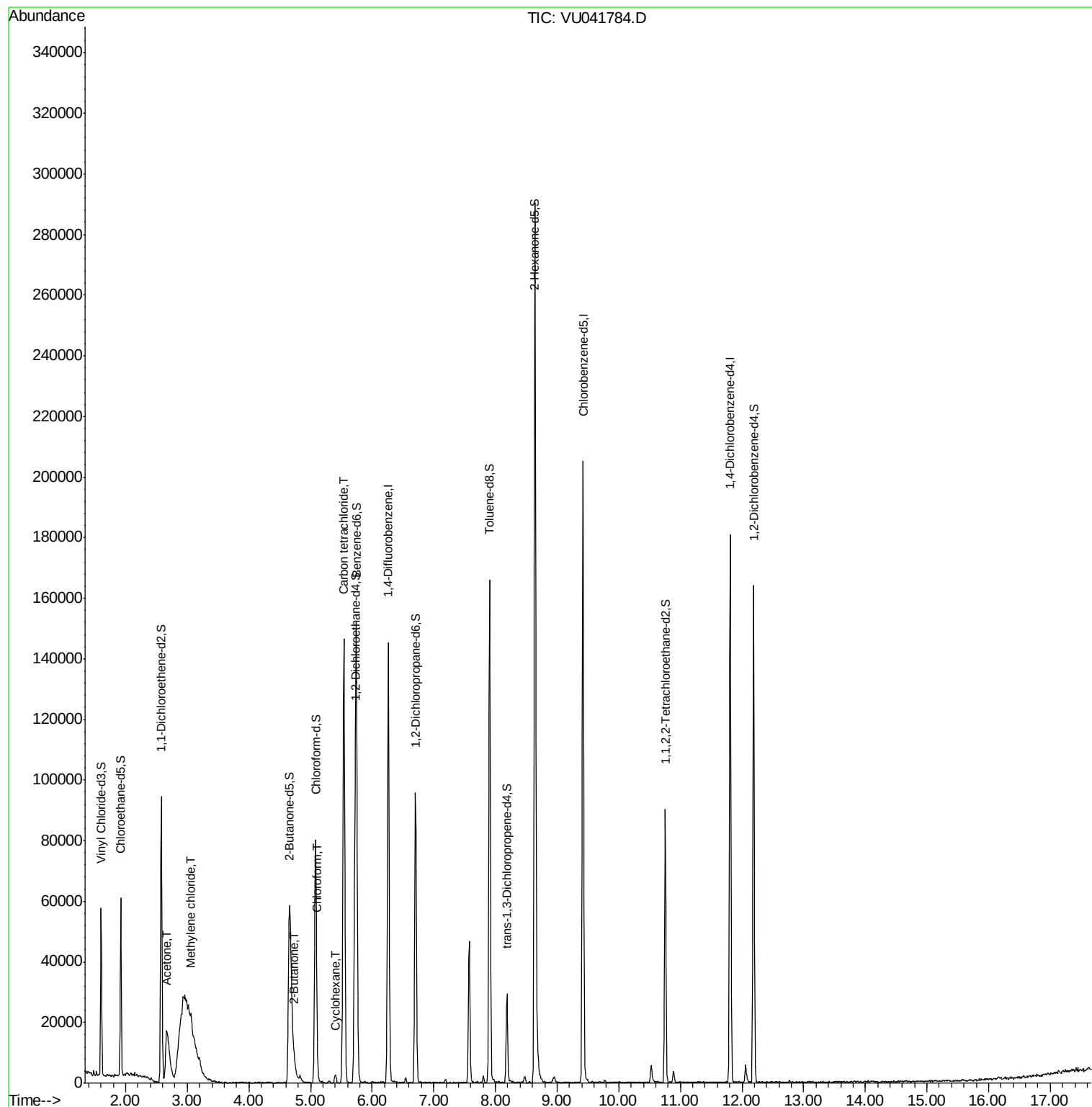
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	47867	27.379	ug/L	89
16) Methylene chloride	3.06	84	1507	0.152	ug/L #	71
21) 2-Butanone	4.74	43	3189	1.120	ug/L	88
25) Chloroform	5.11	83	2940	0.182	ug/L	87
30) Cyclohexane	5.40	56	1354	0.088	ug/L #	85
31) Carbon tetrachloride	5.54	117	101352	8.580	ug/L	98

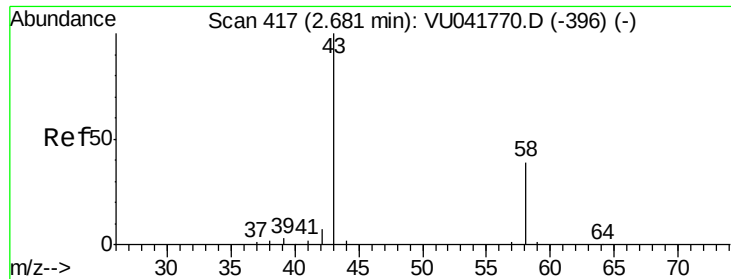
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 27.379 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

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Acq: 23 Dec 2020 15:47

Instrument :

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ClientSampleId :

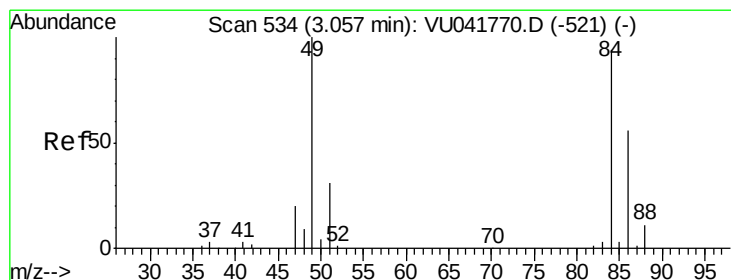
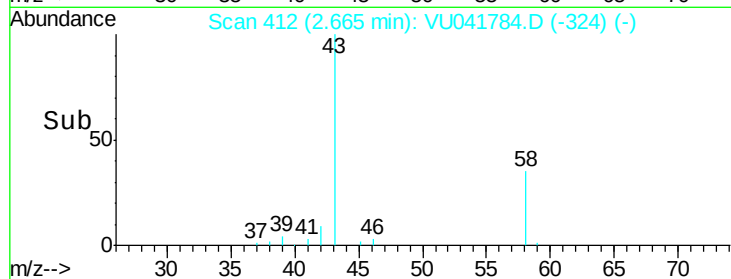
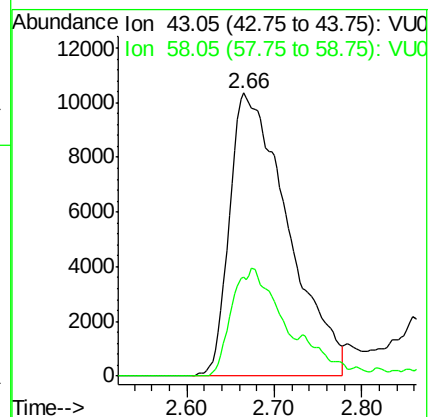
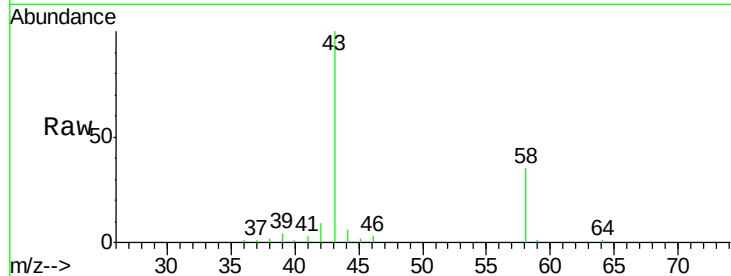
GB238

Tot Ion: 43 Resp: 47867

Ion Ratio Lower Upper

43 100

58 30.0 0.0 73.2



#16

Methylene chloride

Concen: 0.152 ug/L

RT: 3.06 min Scan# 534

Delta R.T. 0.00 min

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Acq: 23 Dec 2020 15:47

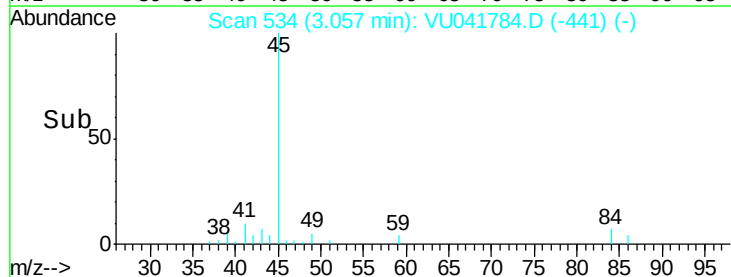
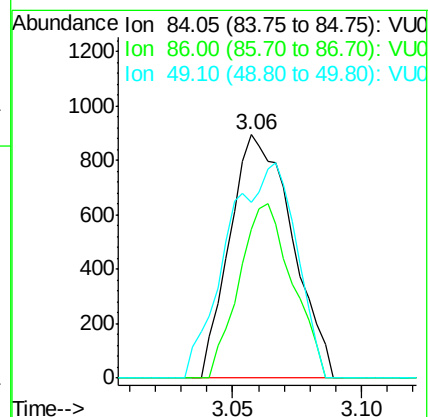
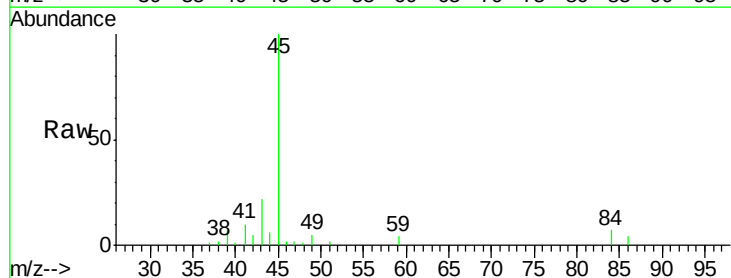
Tgt Ion: 84 Resp: 1507

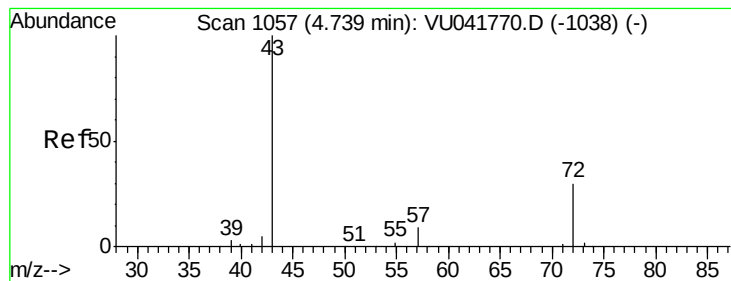
Ion Ratio Lower Upper

84 100

86 61.1 45.1 83.7

49 72.1 83.1 154.3#





#21

2-Butanone

Concen: 1.120 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU041784.D

Acq: 23 Dec 2020 15:47

Instrument :

MSVOA_U

ClientSampled :

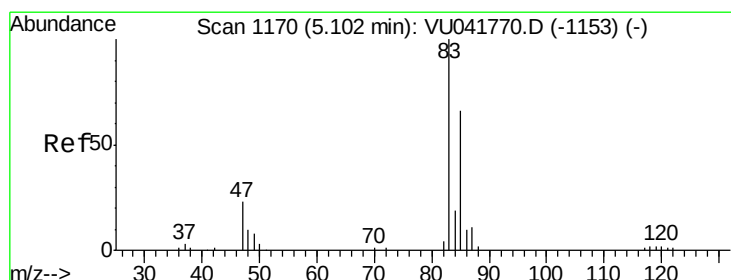
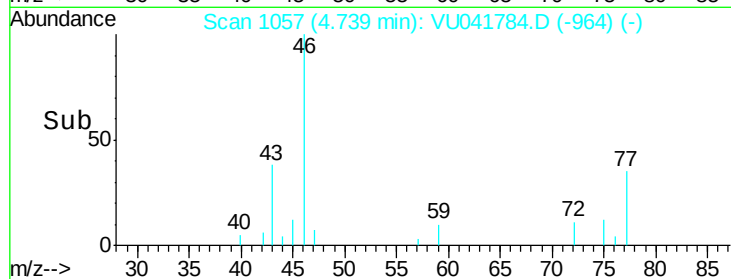
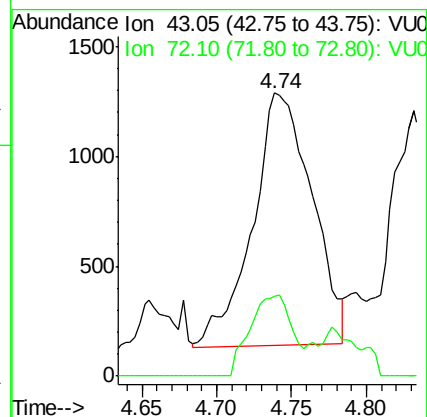
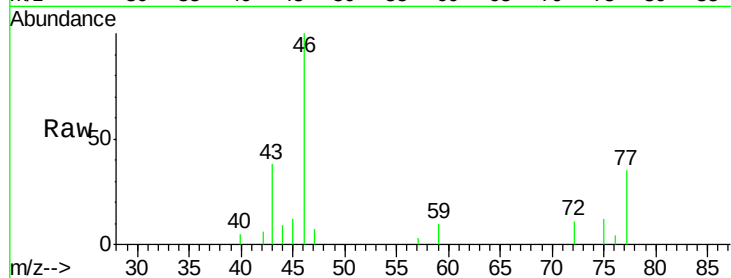
GB238

Tot Ion: 43 Resp: 3189

Ion Ratio Lower Upper

43 100

72 22.6 14.6 44.0



#25

Chloroform

Concen: 0.182 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU041784.D

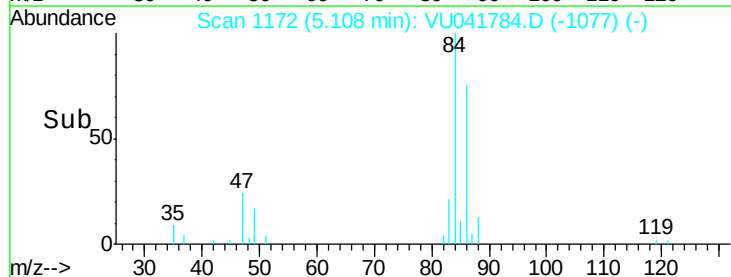
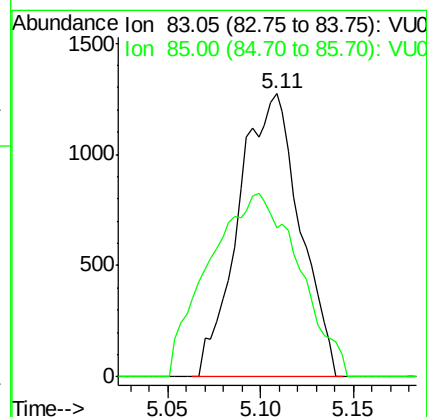
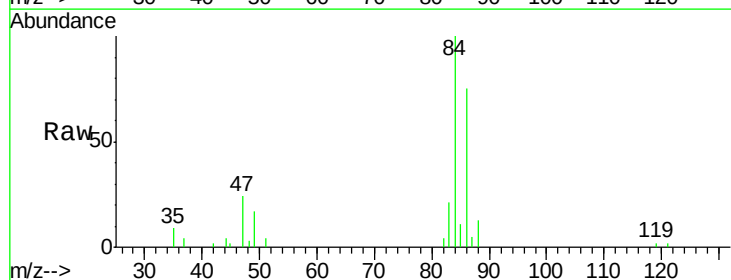
Acq: 23 Dec 2020 15:47

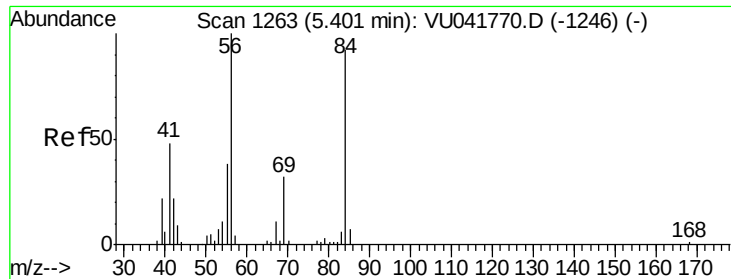
Tgt Ion: 83 Resp: 2940

Ion Ratio Lower Upper

83 100

85 52.7 44.2 82.0

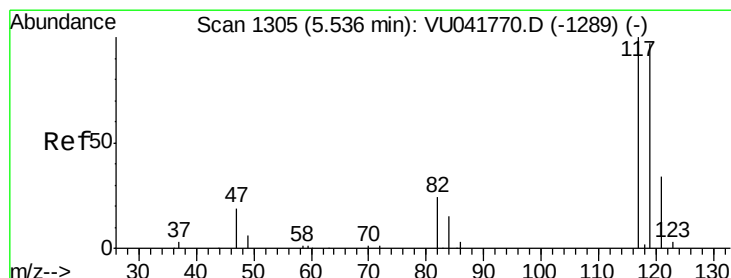
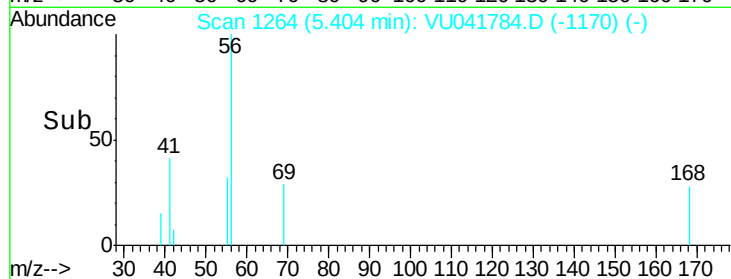
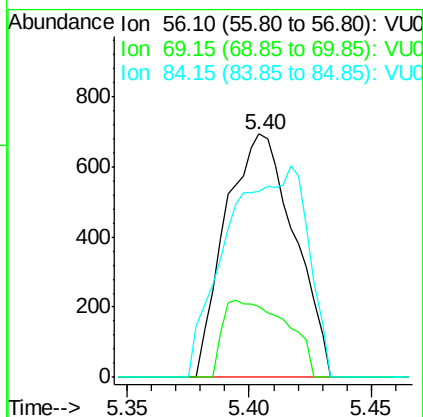
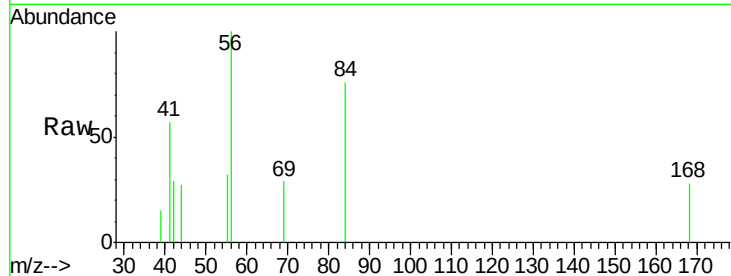




#30
Cyclohexane
Concen: 0.088 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VU041784.D
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Instrument :
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GB238

Tot Ion: 56 Resp: 1354
Ion Ratio Lower Upper
56 100
69 29.5 23.8 35.8
84 101.5 66.2 99.4#



#31
Carbon tetrachloride
Concen: 8.580 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041784.D
Acq: 23 Dec 2020 15:47

Tgt Ion: 117 Resp: 101352
Ion Ratio Lower Upper
117 100
119 96.9 76.2 114.2

