

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041759.D
 Acq On : 22 Dec 2020 22:24
 Operator : SY/MD
 Sample : L5161-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB241

Quant Time: Dec 23 06:33:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125337	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119771	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51777	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33160	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.92	69	38150	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.58	63	53747	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.65	46	153559	54.56	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.12%
24) Chloroform-d	5.08	84	83526	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.72	65	49279	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	156480	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	52670	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.90	98	128624	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.18	79	20599	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.64	63	134210	50.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51722	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52095	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

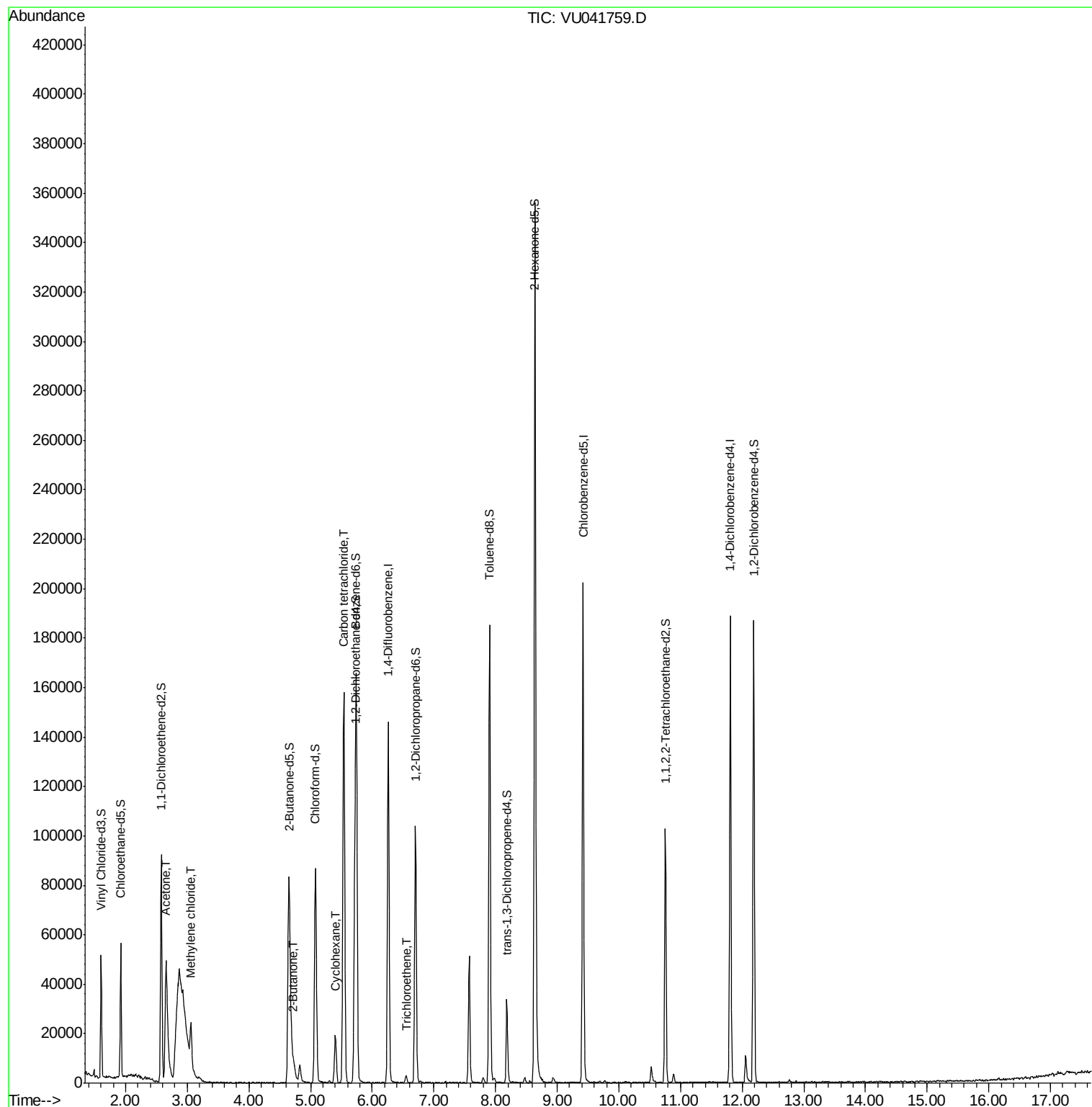
					Ovalue
13) Acetone	2.66	43	94418	52.737	ug/L 100
16) Methylene chloride	3.06	84	7447	0.733	ug/L 95
21) 2-Butanone	4.73	43	5733	1.966	ug/L 90
30) Cyclohexane	5.40	56	8778	0.569	ug/L 87
31) Carbon tetrachloride	5.54	117	109670	9.221	ug/L 97
34) Trichloroethene	6.56	95	812	0.084	ug/L 91

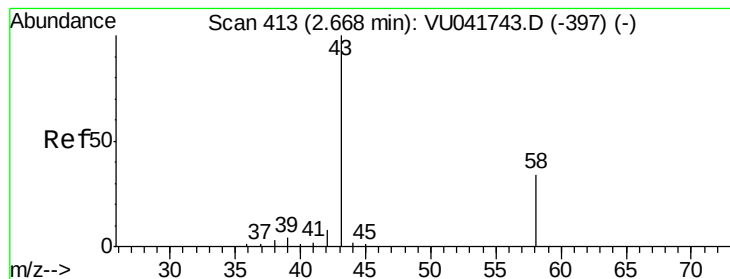
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 52.737 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

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Acq: 22 Dec 2020 22:24

Instrument :

MSVOA_U

ClientSampleId :

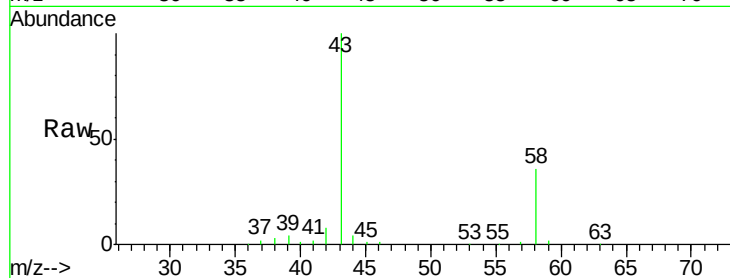
GB241

Tot Ion: 43 Resp: 94418

Ion Ratio Lower Upper

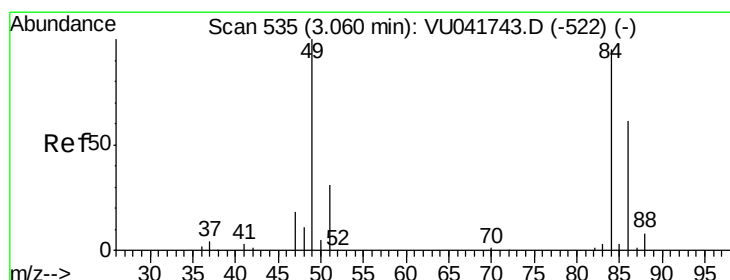
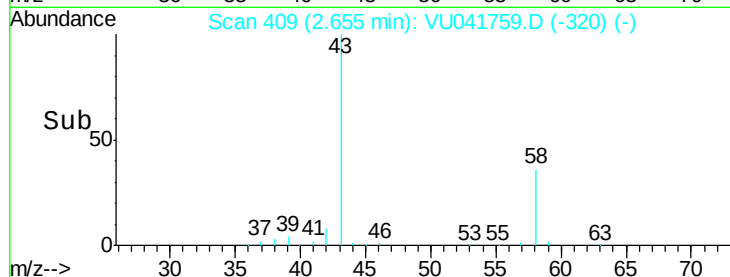
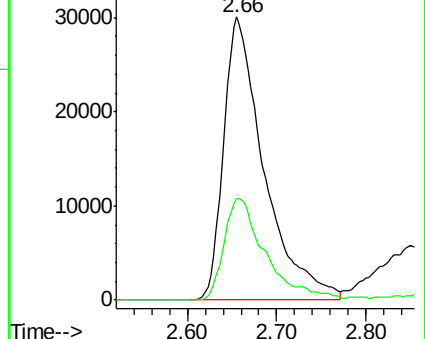
43 100

58 36.6 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.733 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041759.D

Acq: 22 Dec 2020 22:24

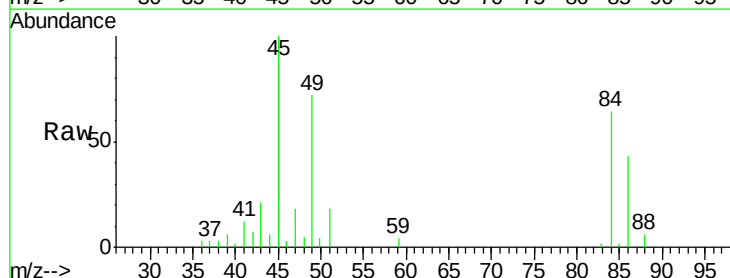
Tgt Ion: 84 Resp: 7447

Ion Ratio Lower Upper

84 100

86 66.5 45.1 83.7

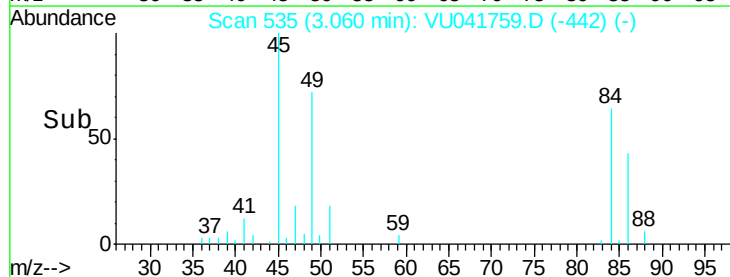
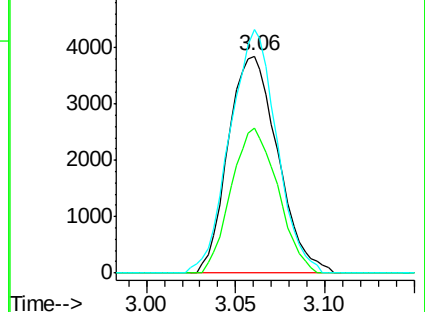
49 112.1 83.1 154.3

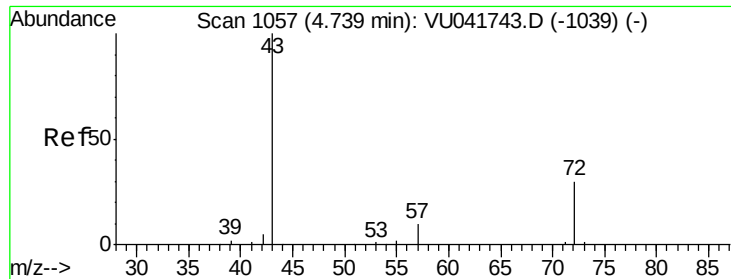


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#21

2-Butanone

Concen: 1.966 ug/L

RT: 4.73 min Scan# 1053

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

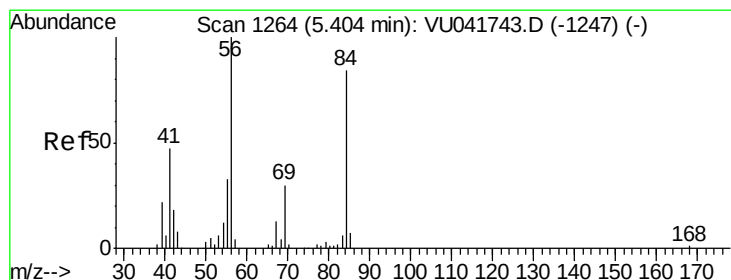
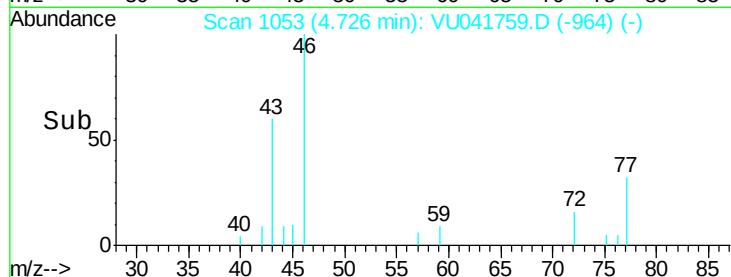
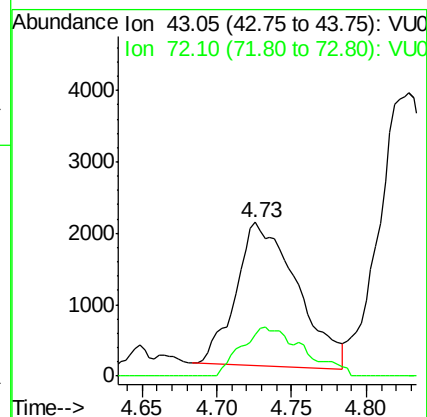
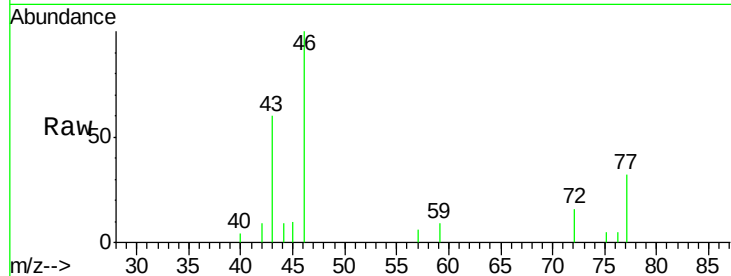
GB241

Tot Ion: 43 Resp: 5733

Ion Ratio Lower Upper

43 100

72 34.7 14.6 44.0



#30

Cyclohexane

Concen: 0.569 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VU041759.D

Acq: 22 Dec 2020 22:24

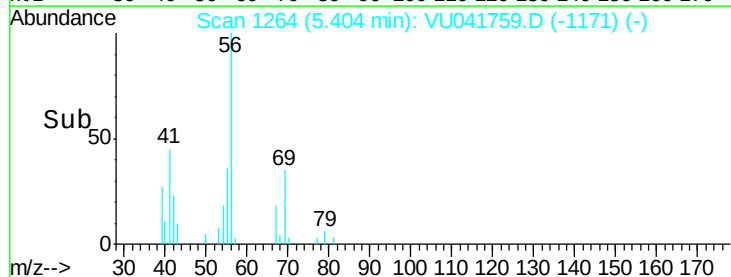
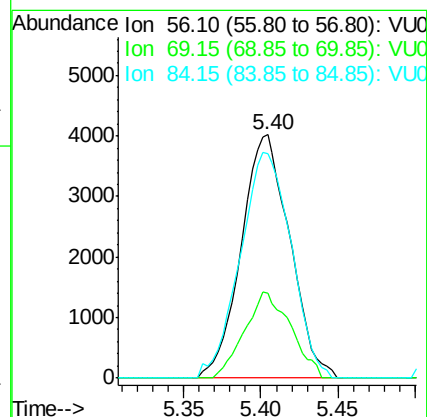
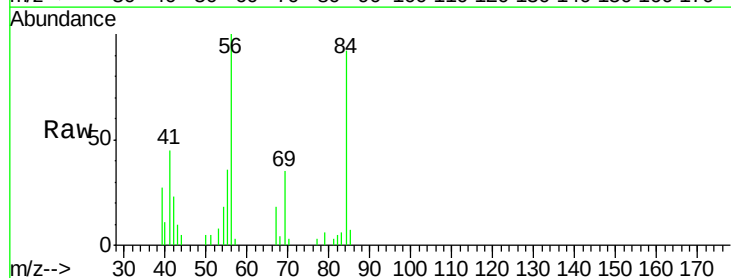
Tgt Ion: 56 Resp: 8778

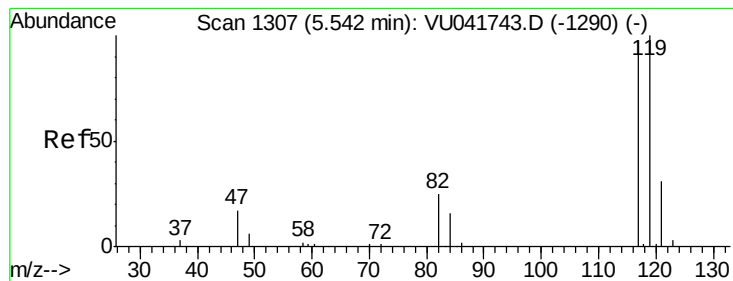
Ion Ratio Lower Upper

56 100

69 33.5 23.8 35.8

84 97.0 66.2 99.4





#31

Carbon tetrachloride

Concen: 9.221 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU041759.D

Acq: 22 Dec 2020 22:24

Instrument :

MSVOA_U

ClientSampleId :

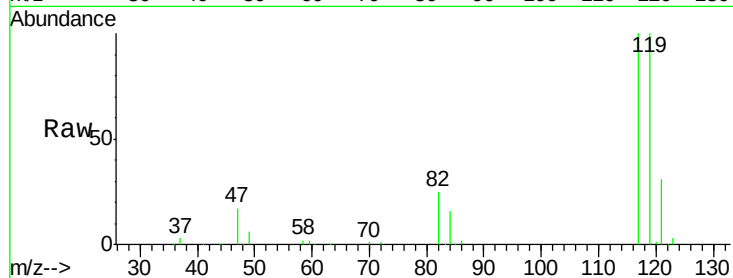
GB241

Tot Ion:117 Resp: 109670

Ion Ratio Lower Upper

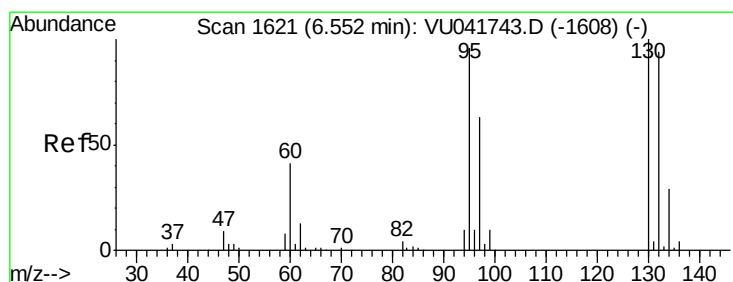
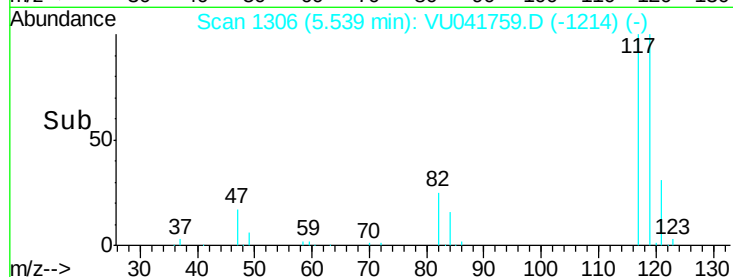
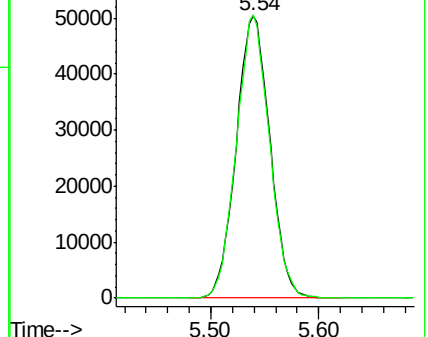
117 100

119 98.2 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.084 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041759.D

Acq: 22 Dec 2020 22:24

Tgt Ion: 95 Resp: 812

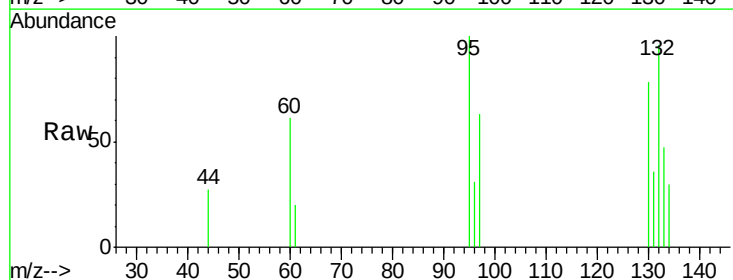
Ion Ratio Lower Upper

95 100

97 62.6 43.9 81.5

132 95.8 63.1 117.3

130 78.1 67.4 125.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

