

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041763.D
 Acq On : 23 Dec 2020 00:00
 Operator : SY/MD
 Sample : L5161-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB245

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 12:01:45 PM

Quant Time: Dec 23 06:55:04 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	133743	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34050	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.92	69	37184	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.57	63	54266	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.66	46	159604	53.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	5.08	84	87725	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	47841	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.74	84	159748	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	53701	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.90	98	130736	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	8.18	79	21568	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	141270	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53698	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	53528	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

					Ovalue
13) Acetone	2.67	43	56213	29.424 ug/L	99
16) Methylene chloride	3.06	84	1870	0.173 ug/L	79
21) 2-Butanone	4.74	43	5699	1.831 ug/L #	61
25) Chloroform	5.11	83	66770	3.780 ug/L	100
31) Carbon tetrachloride	5.54	117	21143360m	1688.113 ug/L	
34) Trichloroethene	6.55	95	2267	0.224 ug/L	96

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

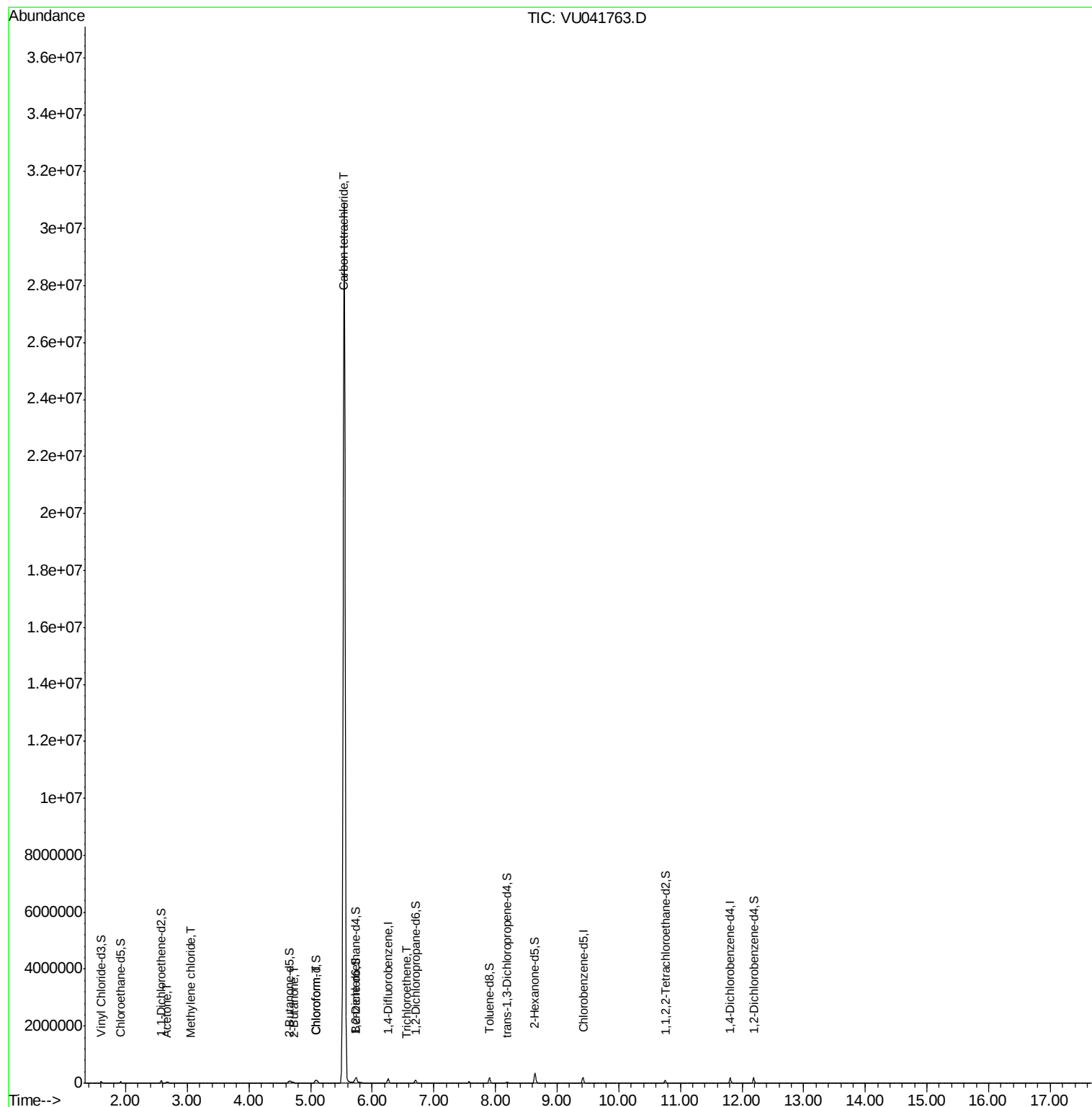
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122220\
Data File : VU041763.D
Acq On : 23 Dec 2020 00:00
Operator : SY/MD
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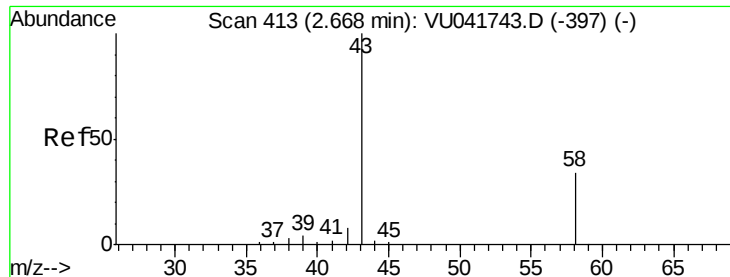
Instrument :
MSVOA_U
ClientSampleId :
GB245

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Quant Time: Dec 23 06:55:04 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





#13

Acetone

Concen: 29.424 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU041763.D

Acq: 23 Dec 2020 00:00

Instrument :

MSVOA_U

ClientSampled :

GB245

Tot Ion: 43 Resp: 56213

Ion Ratio Lower Upper

43 100

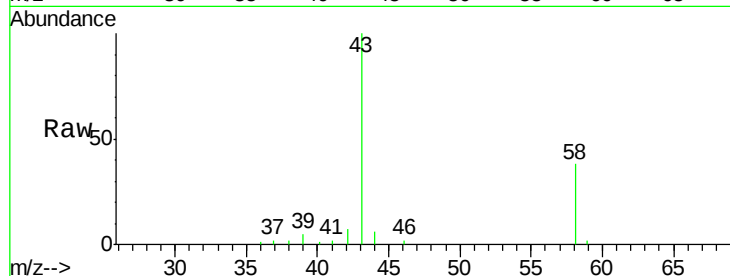
58 35.7 0.0 73.2

Manual Integrations

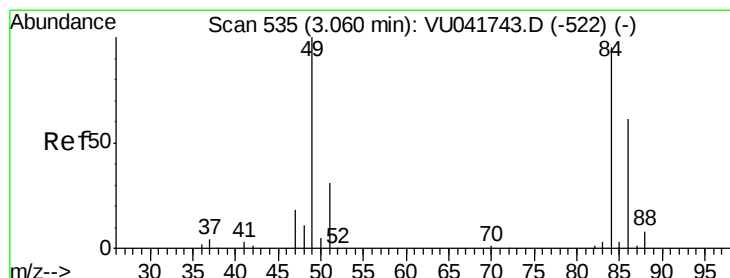
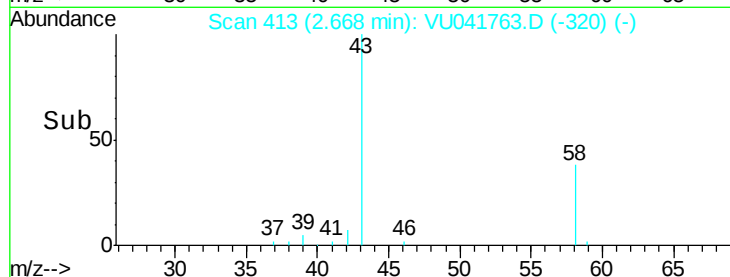
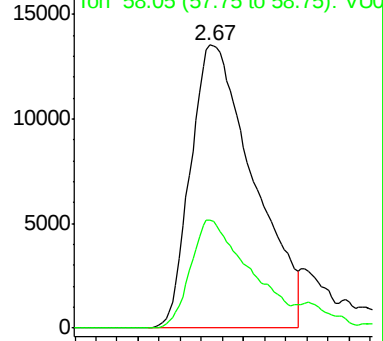
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Abundance Ion 43.05 (42.75 to 43.75): VU041763.D (-320) (-)



#16

Methylene chloride

Concen: 0.173 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041763.D

Acq: 23 Dec 2020 00:00

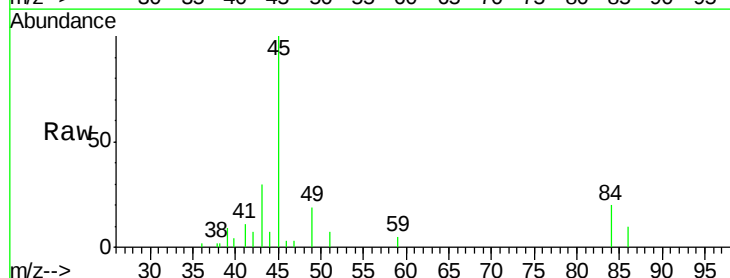
Tgt Ion: 84 Resp: 1870

Ion Ratio Lower Upper

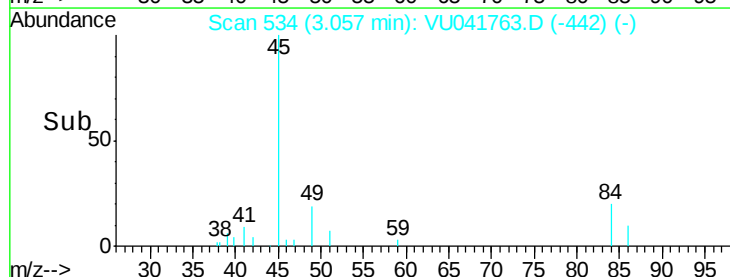
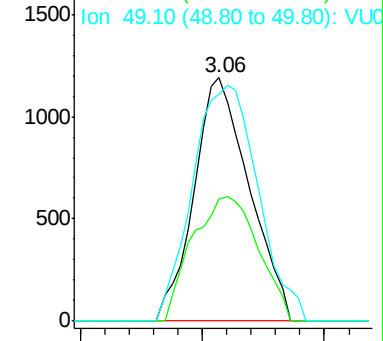
84 100

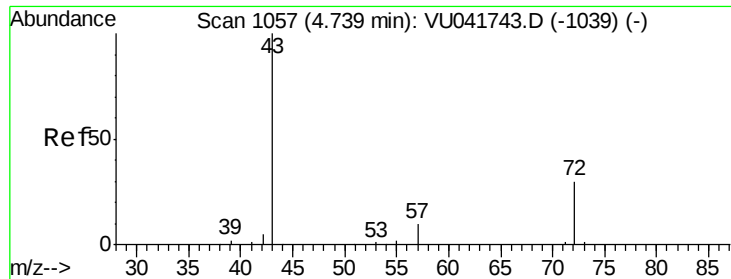
86 49.9 45.1 83.7

49 93.5 83.1 154.3



Abundance Ion 84.05 (83.75 to 84.75): VU041763.D (-442) (-)





#21

2-Butanone

Concen: 1.831 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VU041763.D

Acq: 23 Dec 2020 00:00

Instrument :

MSVOA_U

ClientSampleId :

GB245

Tot Ion: 43 Resp: 5699

Ion Ratio Lower Upper

43 100

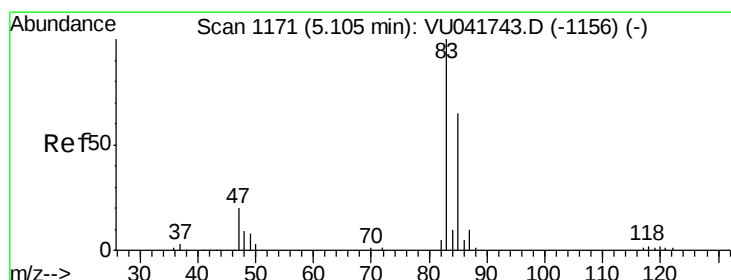
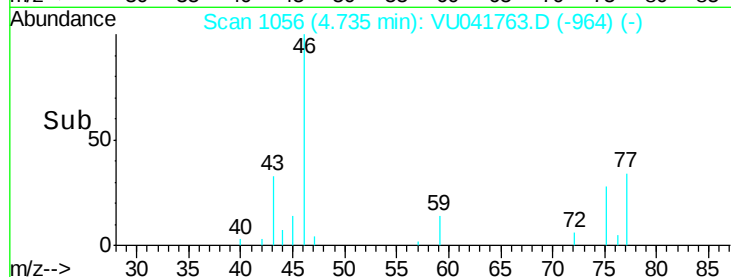
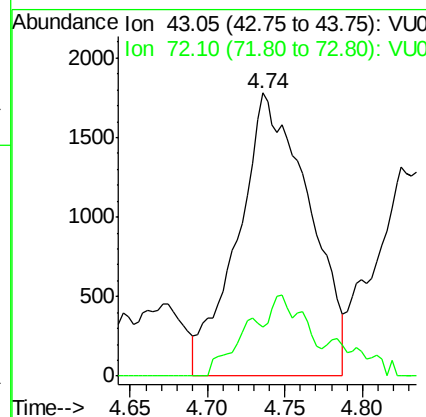
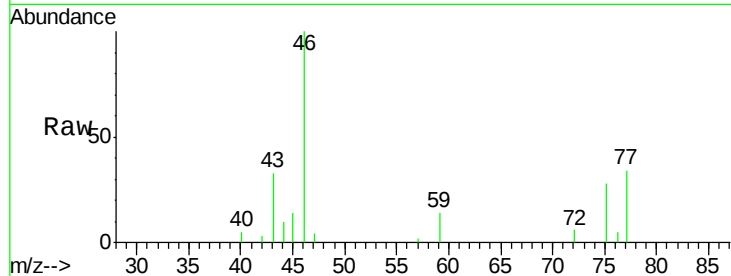
72 8.4 14.6 44.0#

Manual Integrations

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#25

Chloroform

Concen: 3.780 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041763.D

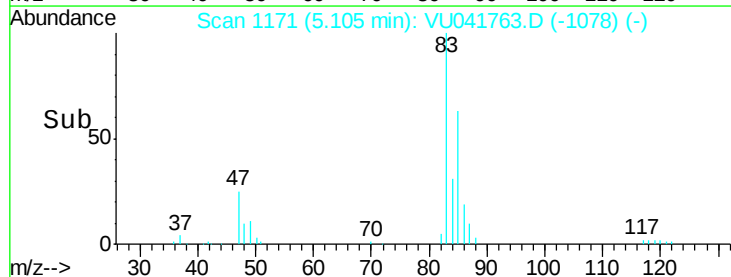
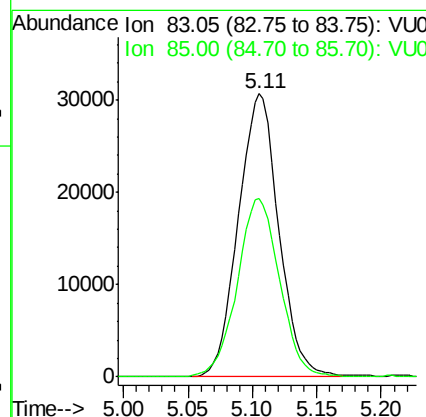
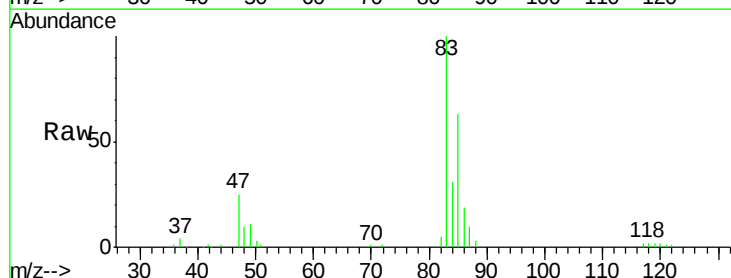
Acq: 23 Dec 2020 00:00

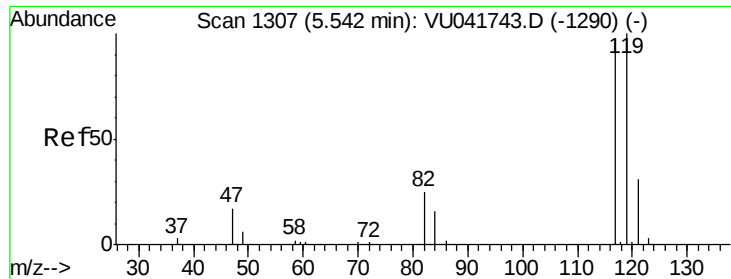
Tgt Ion: 83 Resp: 66770

Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.0





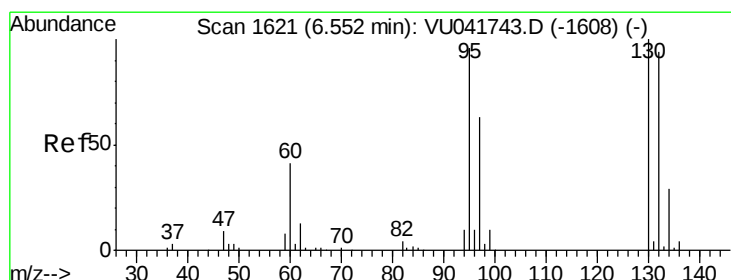
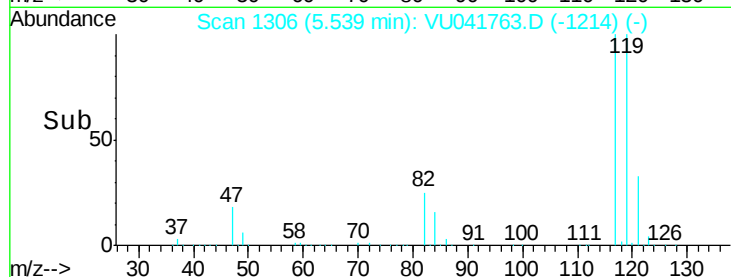
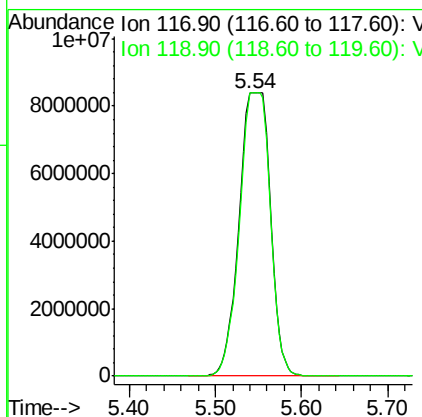
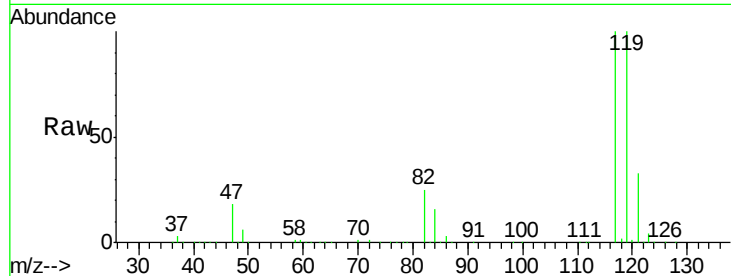
#31
Carbon tetrachloride
Concen: 1688.113 ug/L m
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041763.D
Acq: 23 Dec 2020 00:00

Instrument :
MSVOA_U
ClientSampleId :
GB245

Tot Ion:117 Resp:21143360
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#

Manual Integrations
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#34
Trichloroethene
Concen: 0.224 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041763.D
Acq: 23 Dec 2020 00:00

Tgt Ion: 95 Resp: 2267
Ion Ratio Lower Upper
95 100
97 62.6 43.9 81.5
132 80.7 63.1 117.3
130 96.1 67.4 125.2

