

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041762.D
 Acq On : 22 Dec 2020 23:36
 Operator : SY/MD
 Sample : L5161-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB244

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 12:01:36 PM

Quant Time: Dec 23 06:49:44 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	122624	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52293	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31439	3.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.60%
7) Chloroethane-d5	1.92	69	36354	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.58	63	54539	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.65	46	158785	57.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.32%
24) Chloroform-d	5.08	84	82454	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.72	65	47831	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	155332	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	50647	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.90	98	124394	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.18	79	20849	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	134894	51.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52724	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	51958	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	77659	44.336	ug/L	99
16) Methylene chloride	3.06	84	1510	0.152	ug/L	93
21) 2-Butanone	4.74	43	4739m	1.661	ug/L	
25) Chloroform	5.11	83	31739	1.960	ug/L	95
31) Carbon tetrachloride	5.54	117	6215387	522.451	ug/L	99
34) Trichloroethene	6.55	95	1020	0.106	ug/L #	84
40) 4-Methyl-2-pentanone	7.80	43	3381	0.485	ug/L #	87

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

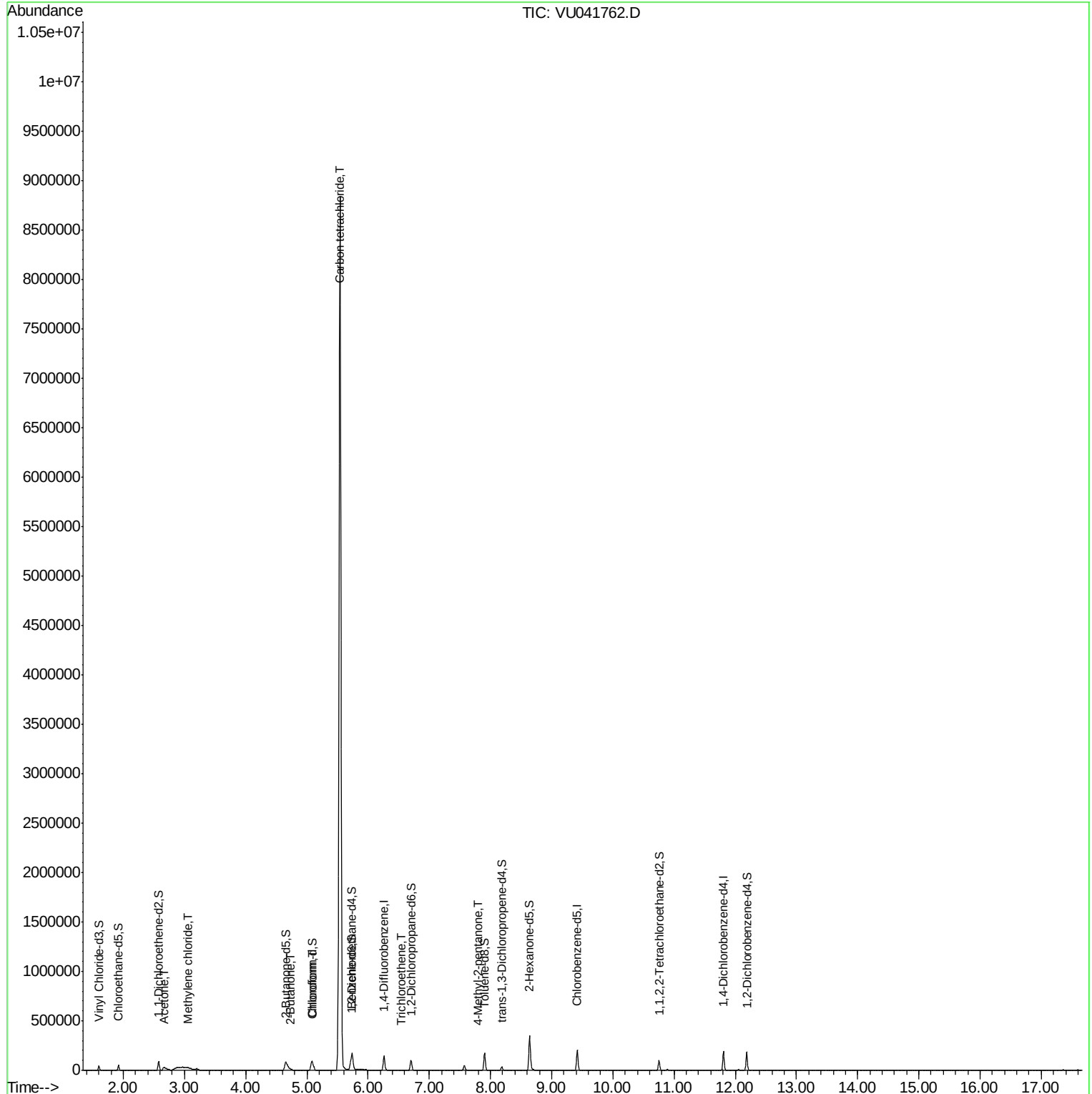
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122220\
Data File : VU041762.D
Acq On : 22 Dec 2020 23:36
Operator : SY/MD
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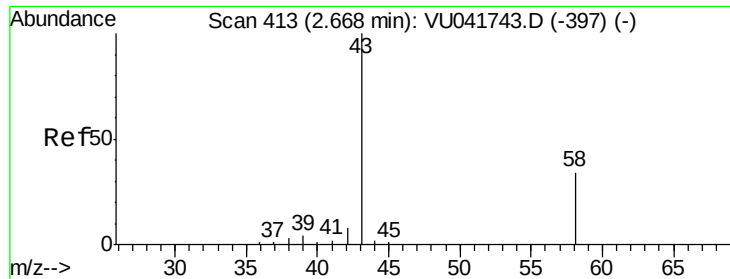
Instrument :
MSVOA_U
ClientSampleId :
GB244

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Quant Time: Dec 23 06:49:44 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: 44.336 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU041762.D

Acq: 22 Dec 2020 23:36

Instrument :

MSVOA_U

ClientSampled :

GB244

Tot Ion: 43 Resp: 77659

Ion Ratio Lower Upper

43 100

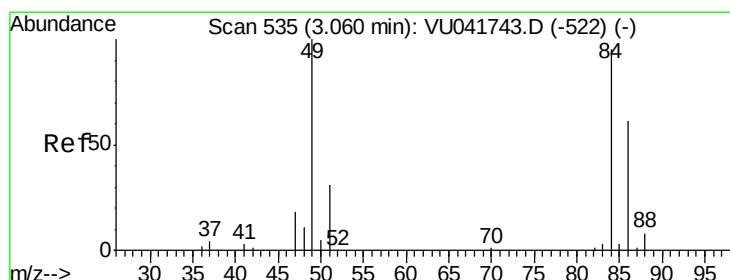
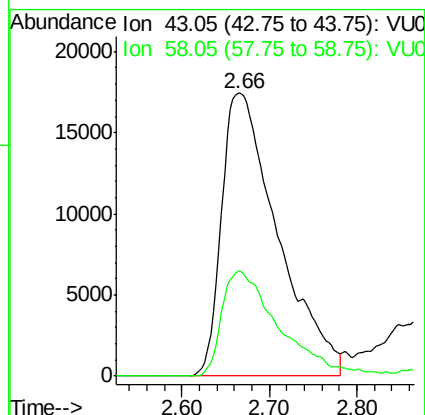
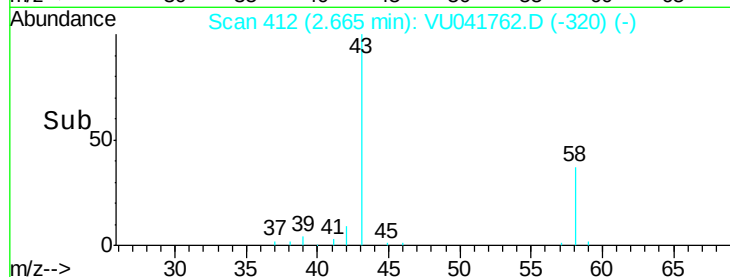
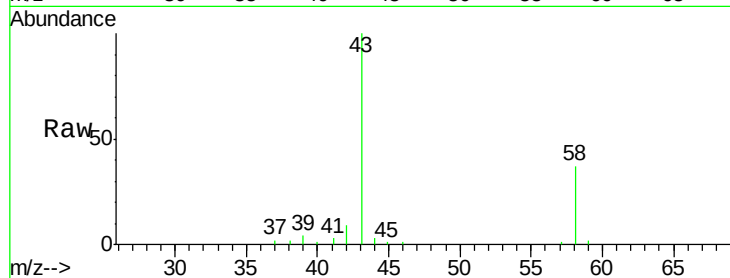
58 37.3 0.0 73.2

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#16

Methylene chloride

Concen: 0.152 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041762.D

Acq: 22 Dec 2020 23:36

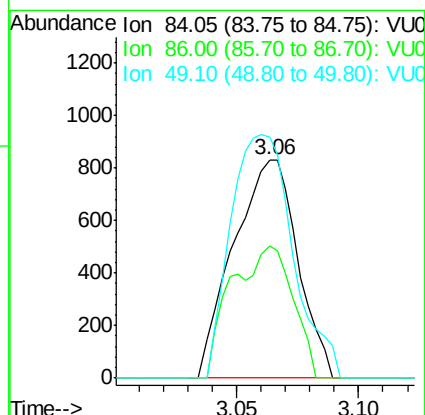
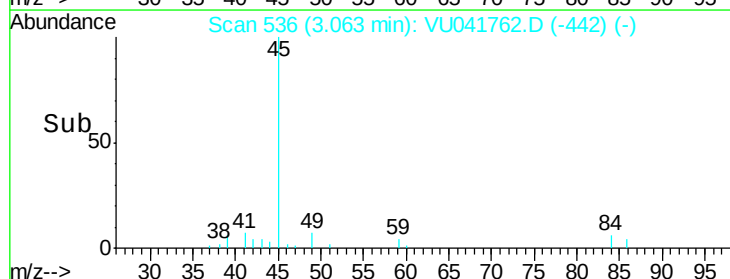
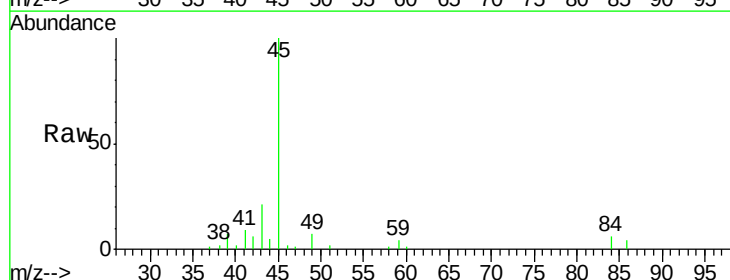
Tgt Ion: 84 Resp: 1510

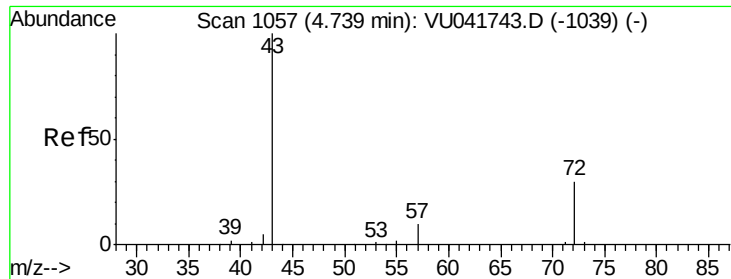
Ion Ratio Lower Upper

84 100

86 60.5 45.1 83.7

49 110.6 83.1 154.3





#21

2-Butanone

Concen: 1.661 ug/L m

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU041762.D

Acq: 22 Dec 2020 23:36

Instrument :

MSVOA_U

ClientSampled :

GB244

Tot Ion: 43 Resp: 4739

Ion Ratio Lower Upper

43 100

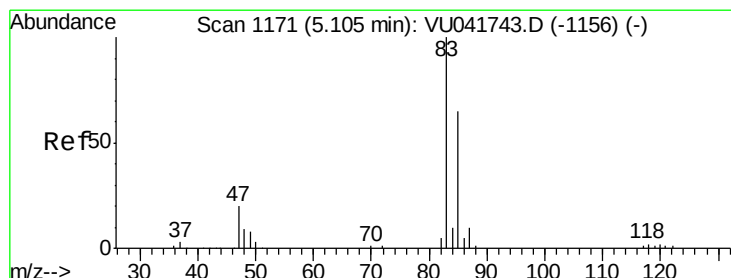
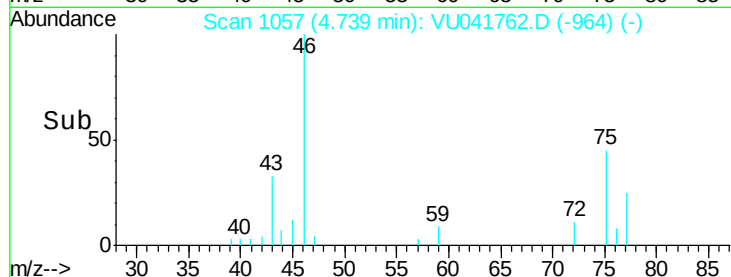
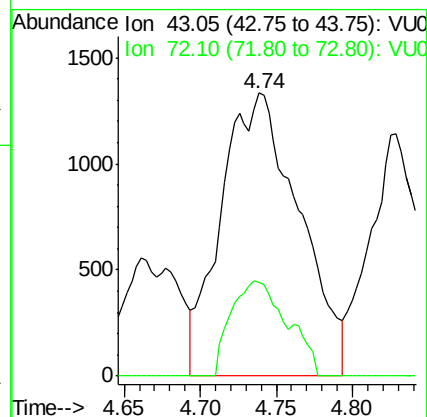
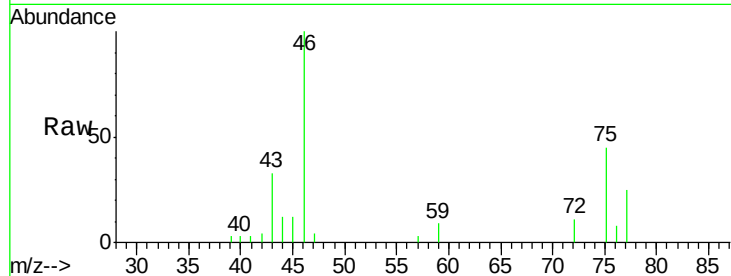
72 24.2 14.6 44.0

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12/23/2020 12:01:36 PM



#25

Chloroform

Concen: 1.960 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041762.D

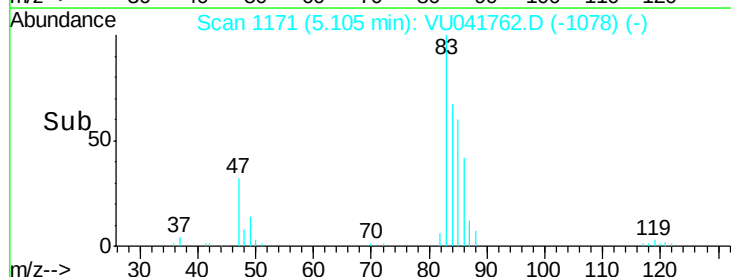
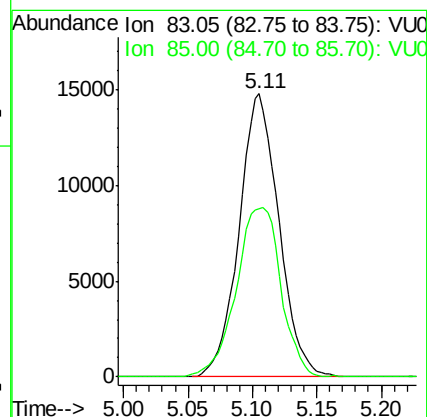
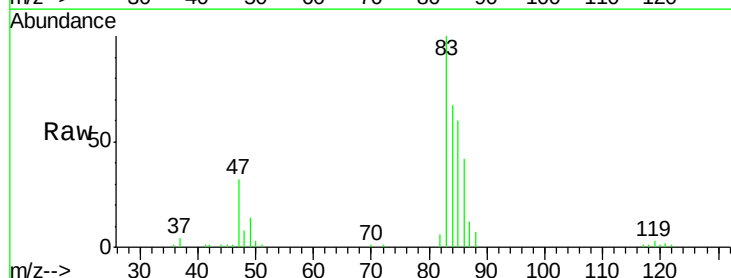
Acq: 22 Dec 2020 23:36

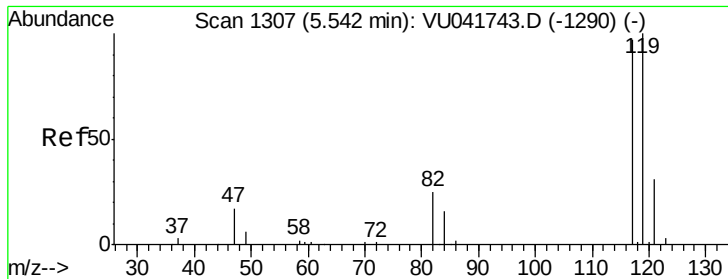
Tgt Ion: 83 Resp: 31739

Ion Ratio Lower Upper

83 100

85 59.6 44.2 82.0





#31

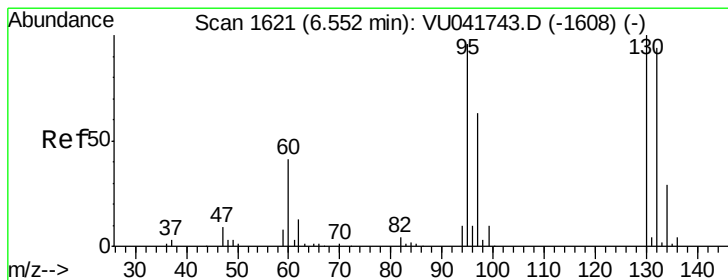
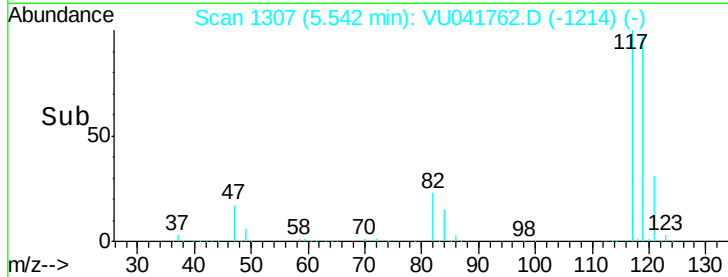
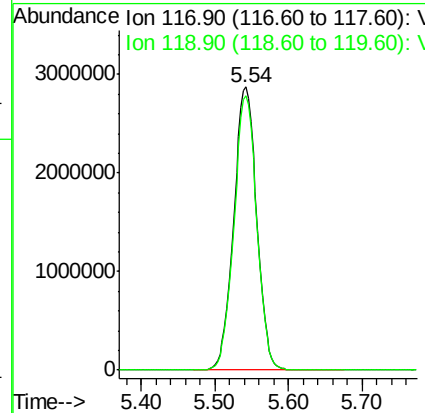
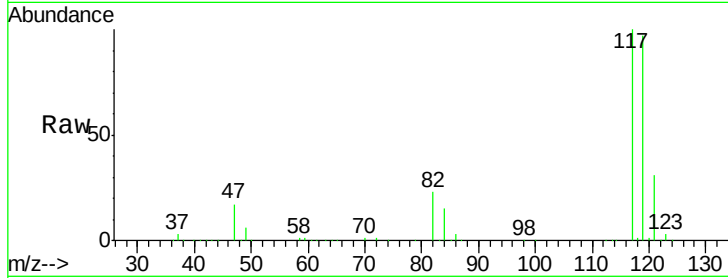
Carbon tetrachloride
 Concen: 522.451 ug/L
 RT: 5.54 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: VU041762.D
 Acq: 22 Dec 2020 23:36

Instrument :
 MSVOA_U
 ClientSampleId :
 GB244

Tot Ion:117 Resp: 6215387
 Ion Ratio Lower Upper
 117 100
 119 96.4 76.2 114.2

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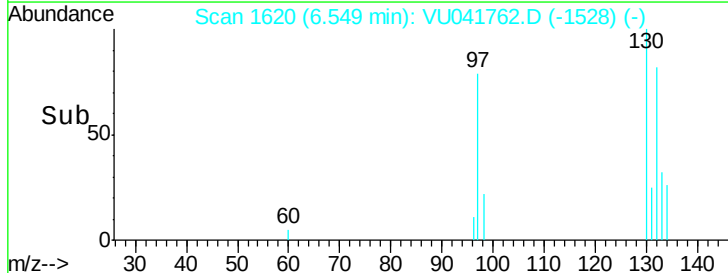
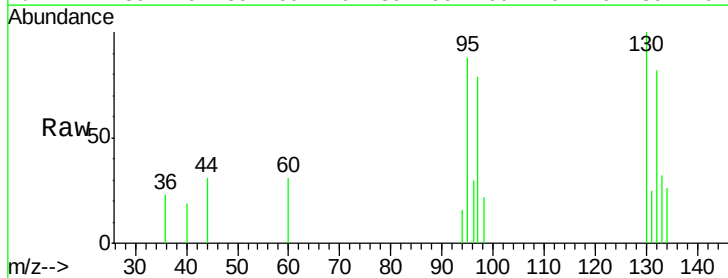
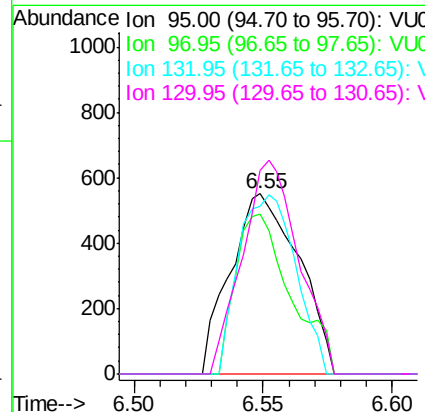
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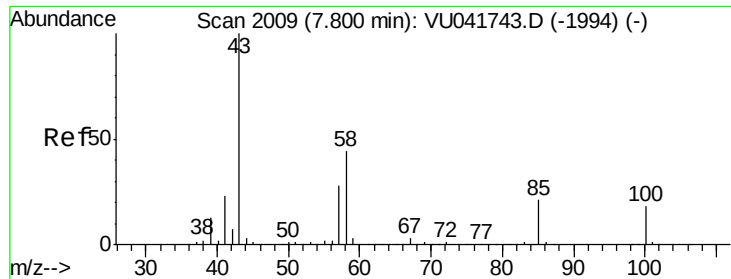


#34

Trichloroethene
 Concen: 0.106 ug/L
 RT: 6.55 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VU041762.D
 Acq: 22 Dec 2020 23:36

Tgt Ion: 95 Resp: 1020
 Ion Ratio Lower Upper
 95 100
 97 89.3 43.9 81.5#
 132 93.3 63.1 117.3
 130 113.1 67.4 125.2





#40
 4-Methyl-2-pentanone
 Concen: 0.485 ug/L
 RT: 7.80 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU041762.D
 Acq: 22 Dec 2020 23:36

Instrument :
 MSVOA_U
 ClientSampled :
 GB244

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	34.2	51.2
100	0.0	12.3	18.5

Manual Integrations
 APPROVED

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 12/23/2020 12:01:36 PM

