

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041709.D
 Acq On : 21 Dec 2020 18:41
 Operator : SY/MD
 Sample : L5162-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB256

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 11:30:45 AM

Quant Time: Dec 22 05:33:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 02:49:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124676	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40411	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.92	69	40139	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.58	63	60597	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.66	46	178475	63.74	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.48%
24) Chloroform-d	5.08	84	87832	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.72	65	51867	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.74	84	166547	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.70	67	57736	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.90	98	148586	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.19	79	23638	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.64	63	151473	56.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56430	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	53965	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds				Ovalue
13) Acetone	2.69	43	9483m	5.325 ug/L
31) Carbon tetrachloride	5.55	117	966m	0.081 ug/L
47) Tetrachloroethene	8.56	164	1053	0.155 ug/L # 77

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

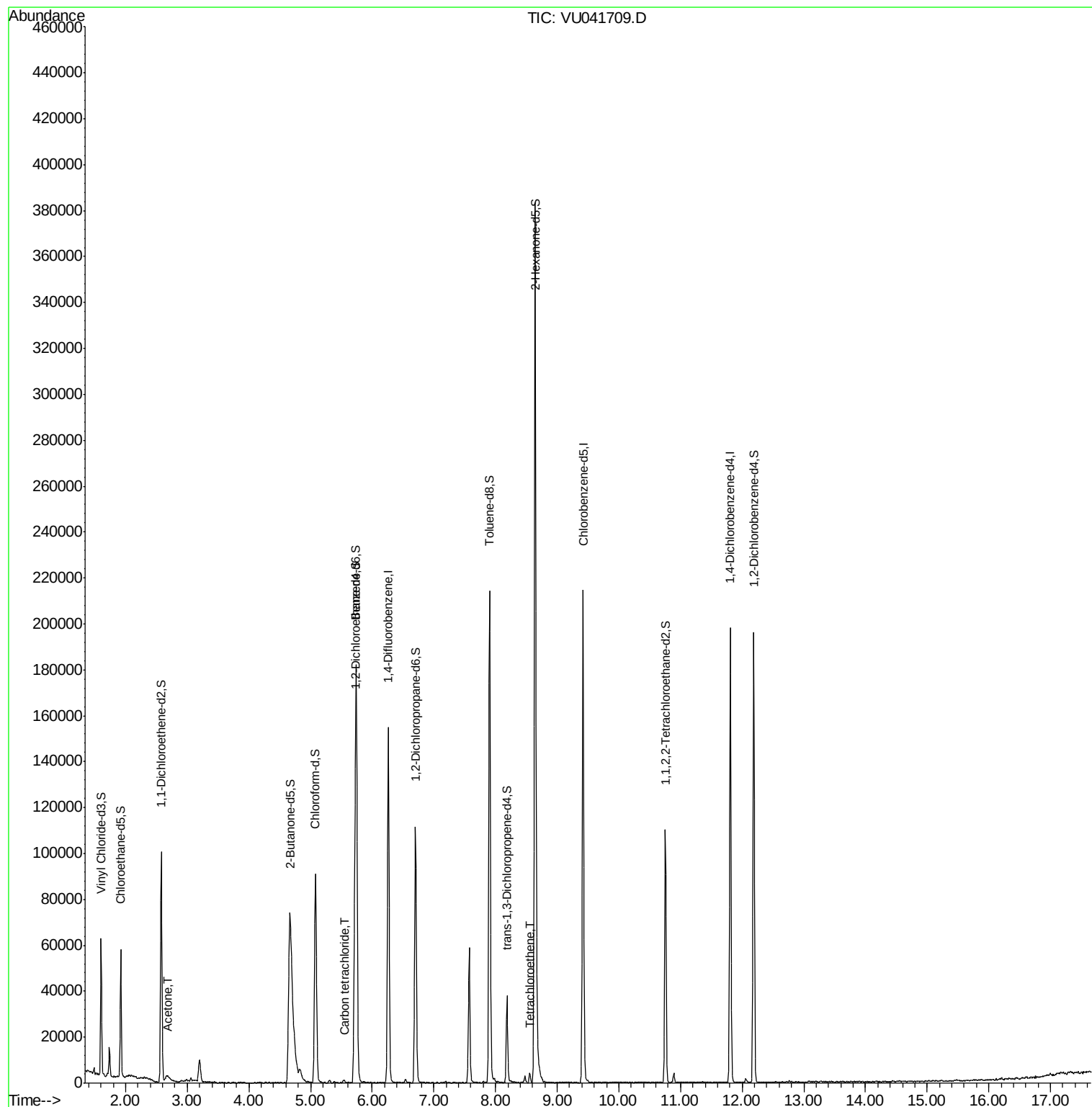
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122120\
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ALS Vial : 19 Sample Multiplier: 1

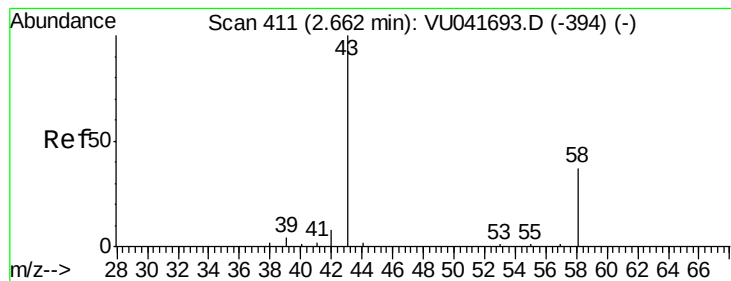
Instrument :
MSVOA_U
ClientSampleId :
GB256

Manual Integrations
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QLast Update : Tue Dec 22 02:49:59 2020
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#13

Acetone

Concen: 5.325 ug/L m

RT: 2.69 min Scan# 420

Delta R.T. 0.03 min

Lab File: VU041709.D

Acq: 21 Dec 2020 18:41

Instrument :

MSVOA_U

ClientSampled :

GB256

Tot Ion: 43 Resp: 9483

Ion Ratio Lower Upper

43 100

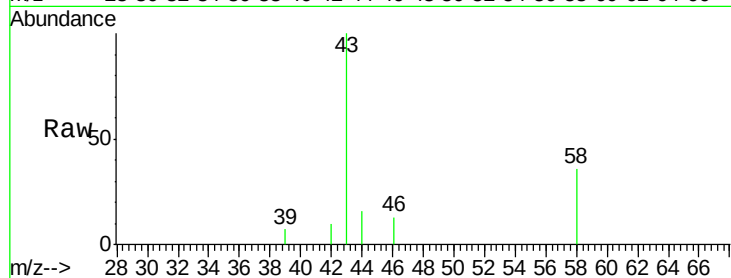
58 8.8 0.0 73.2

Manual Integrations

APPROVED

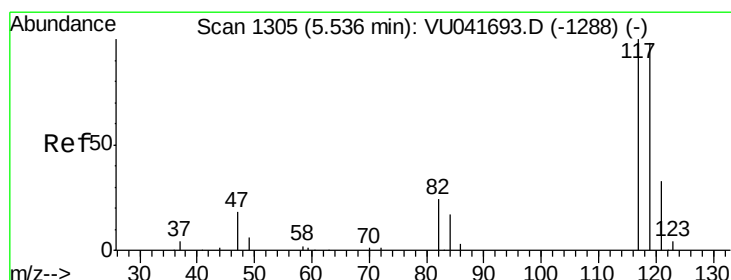
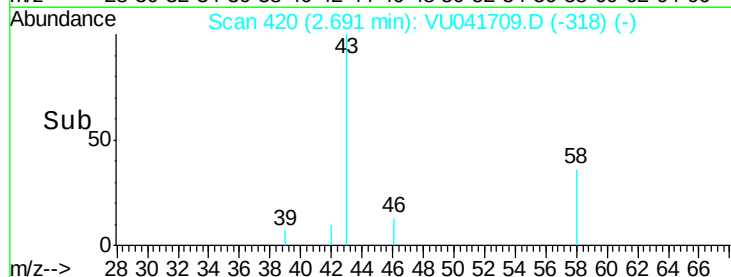
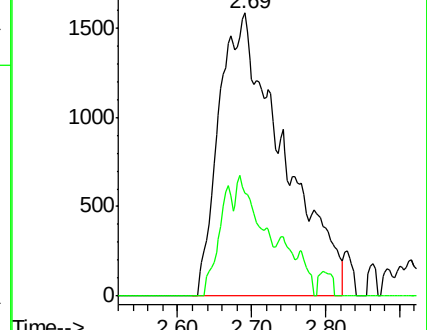
MMDadoda

12/23/2020 11:30:45 AM



Abundance Ion 43.05 (42.75 to 43.75): VU041709.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU041709.D (-394) (-)



#31

Carbon tetrachloride

Concen: 0.081 ug/L m

RT: 5.55 min Scan# 1308

Delta R.T. 0.01 min

Lab File: VU041709.D

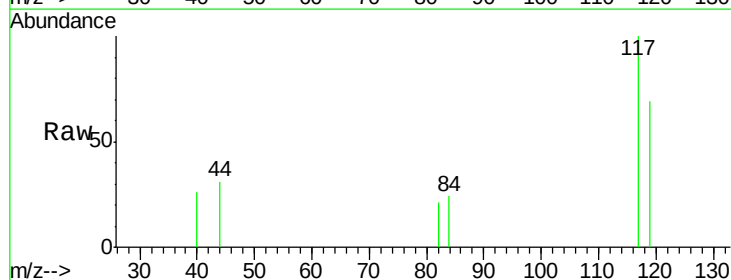
Acq: 21 Dec 2020 18:41

Tgt Ion: 117 Resp: 966

Ion Ratio Lower Upper

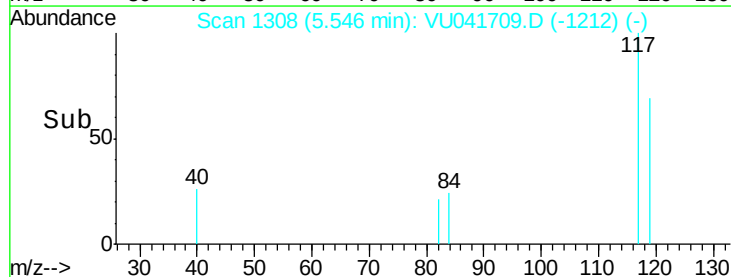
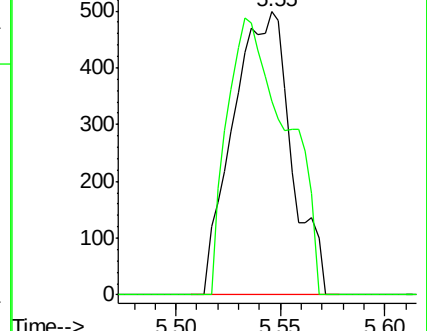
117 100

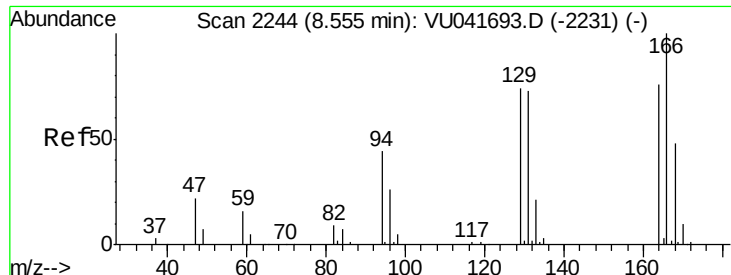
119 100.1 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): VU041709.D (-1212) (-)

Ion 118.90 (118.60 to 119.60): VU041709.D (-1212) (-)





#47

Tetrachloroethene

Concen: 0.155 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041709.D

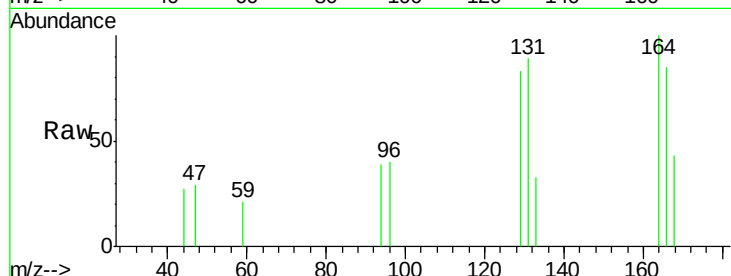
Acq: 21 Dec 2020 18:41

Instrument :

MSVOA_U

ClientSampleId :

GB256



Tot Ion:164 Resp: 1053

Ion Ratio Lower Upper

164 100

129 83.5 72.2 134.0

131 88.6 66.9 124.3

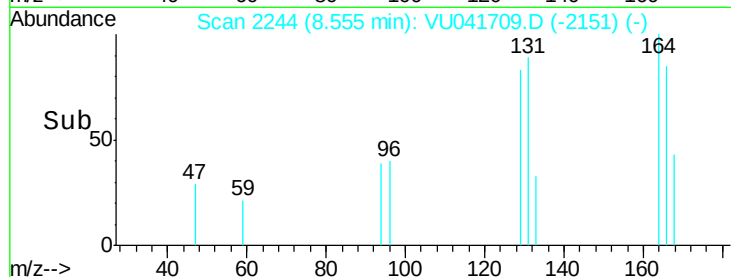
166 85.0 89.6 166.4#

Manual Integrations

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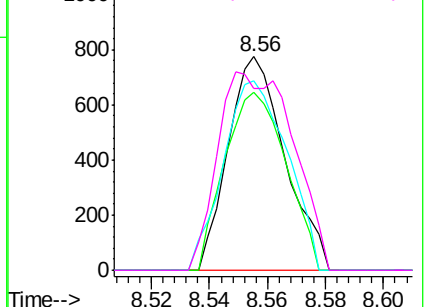


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Quantitation Report (QT Reviewed)

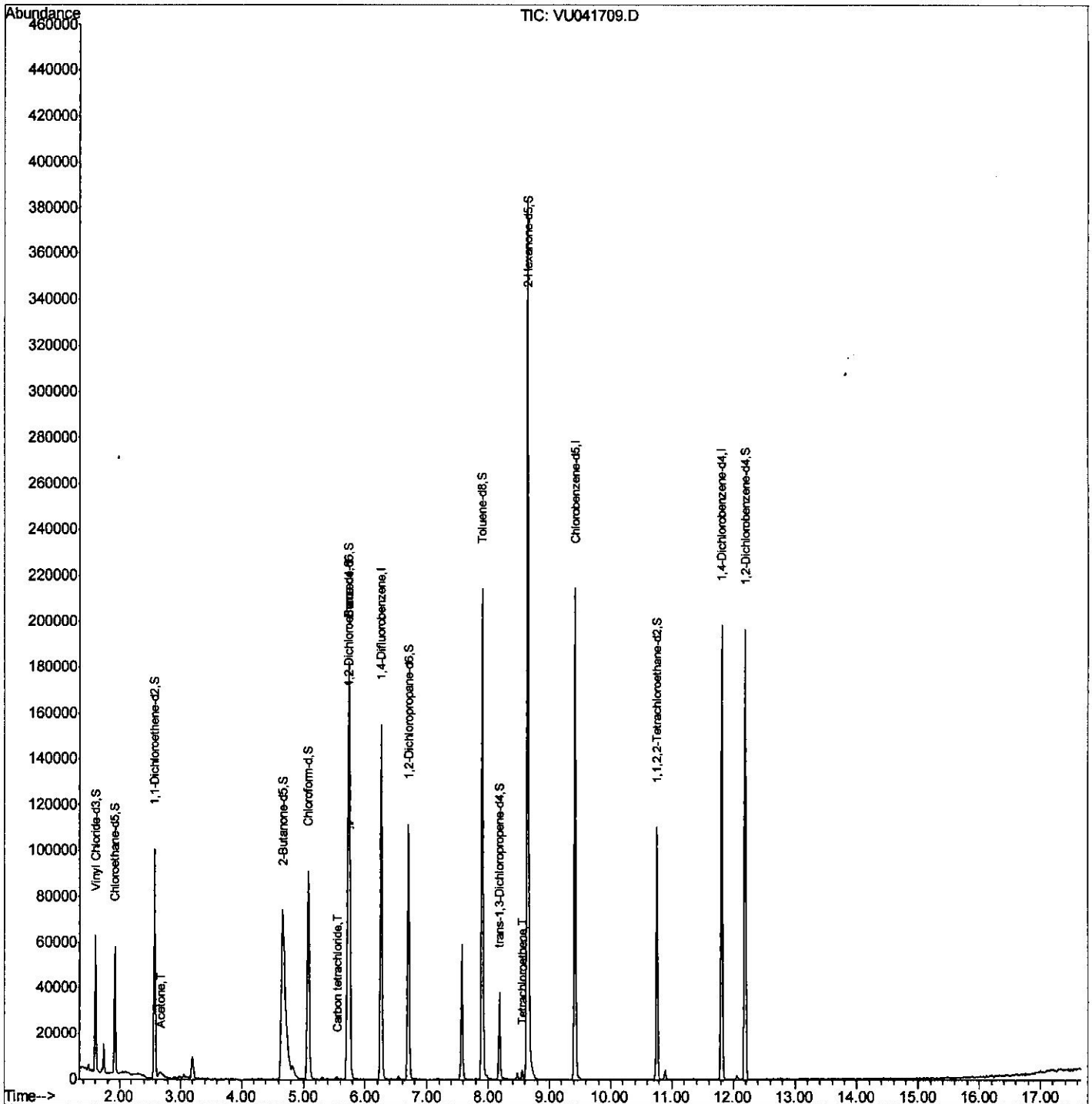
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Manual Integrations
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 12/23/2020 11:30:45 AM



Quantitation Report (Qedit)

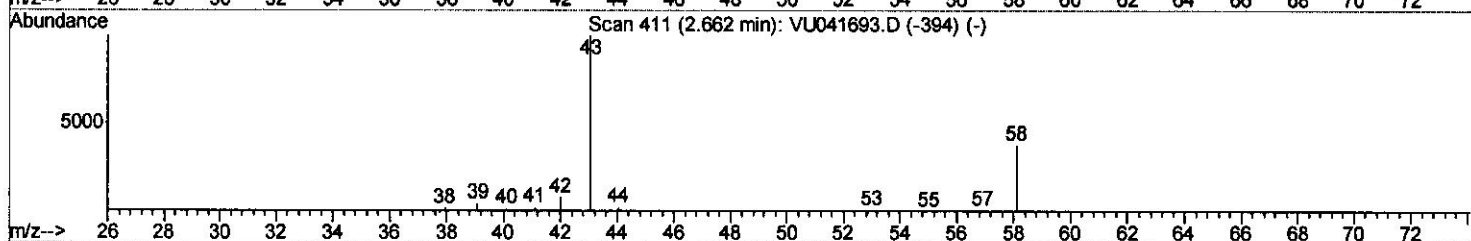
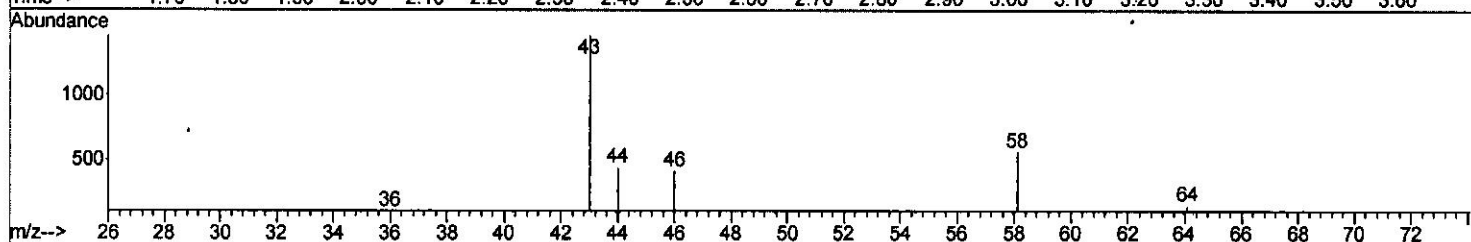
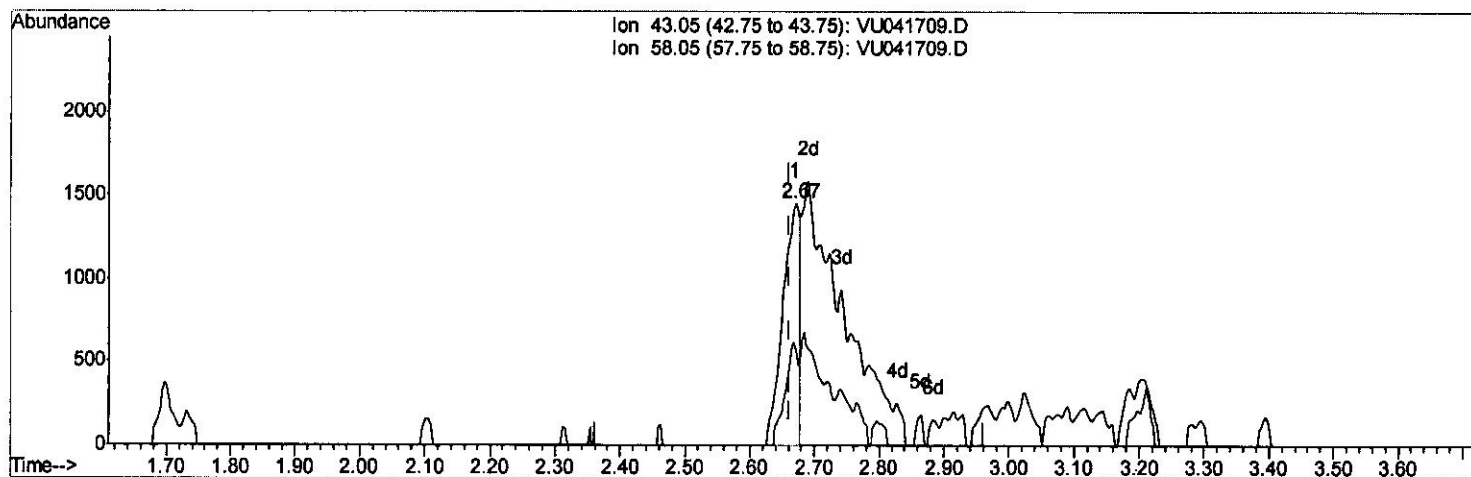
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TIC: VU041709.D

(13) Acetone (T)

2.671min (+0.010) 1.50ug/L

response 2668

Ion	Exp%	Act%
43.05	100	100
58.05	36.60	31.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

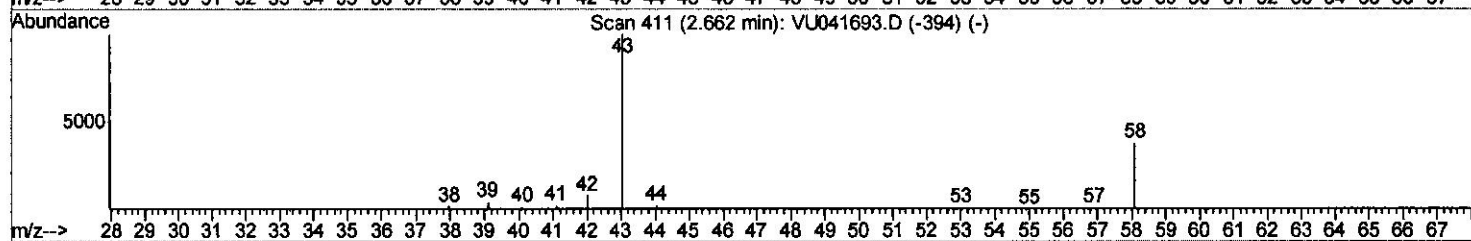
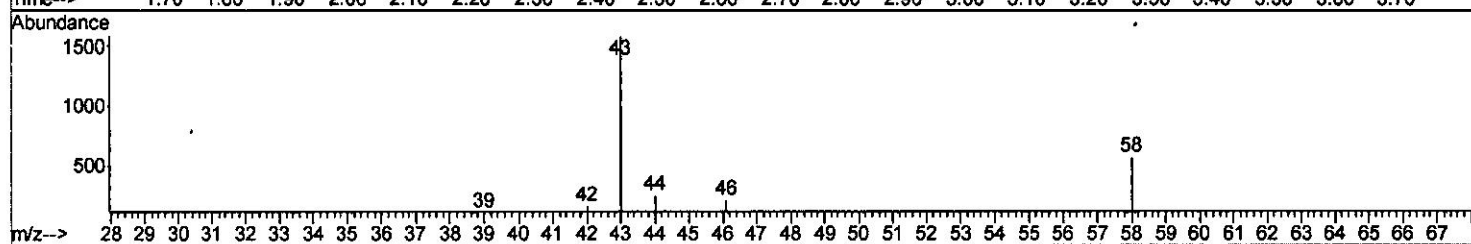
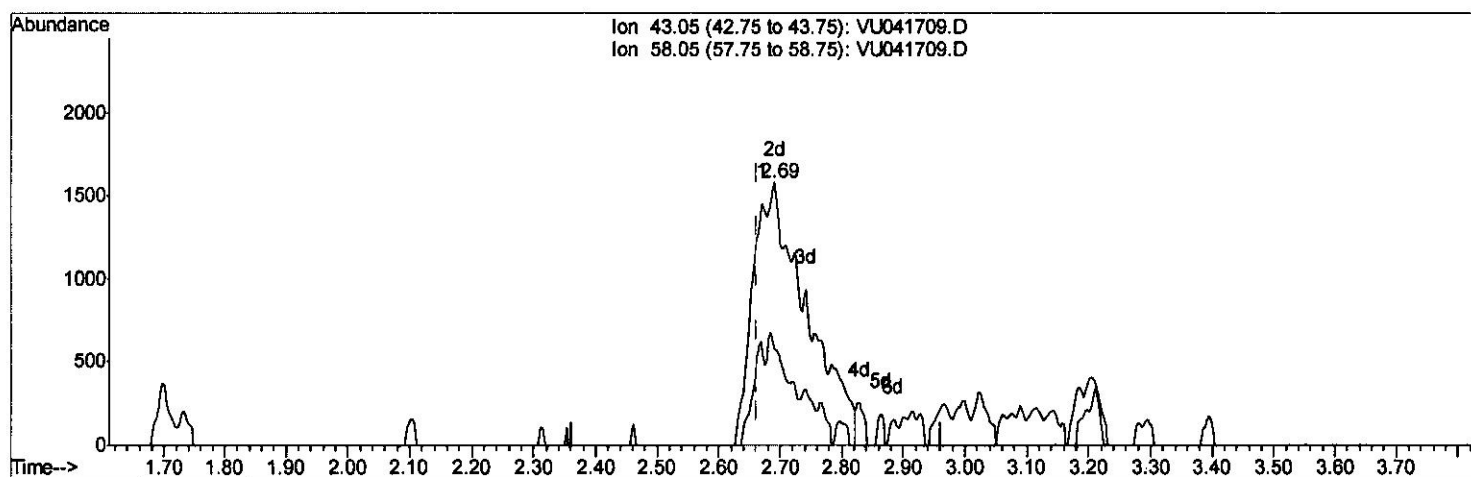
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MMDadoda
 12/23/2020 11:30:45 AM



TIC: VU041709.D

(13) Acetone (T)

2.691min (+0.029) 5.32ug/L m } MD
 12/23/20

response 9483

Ion	Exp%	Act%
43.05	100	100
58.05	36.60	8.76
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

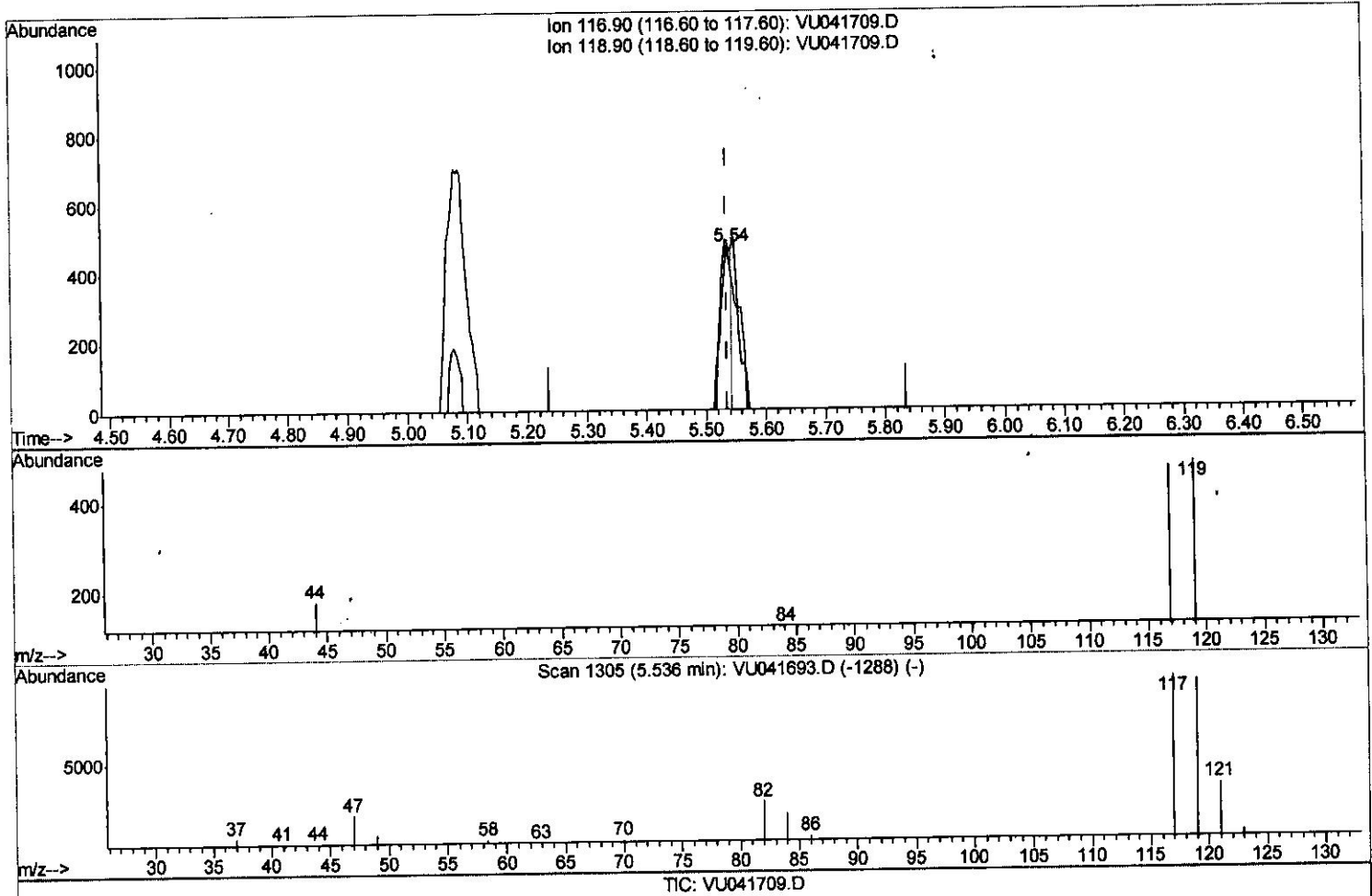
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122120\
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(31) Carbon tetrachloride (T)

5.536min (+0.000) 0.05ug/L

response 571

Ion	Exp%	Act%
116.90	100	100
118.90	95.20	169.35#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

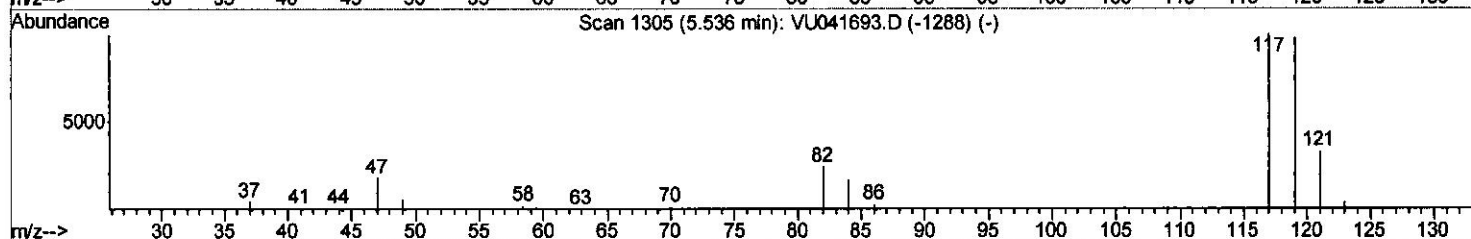
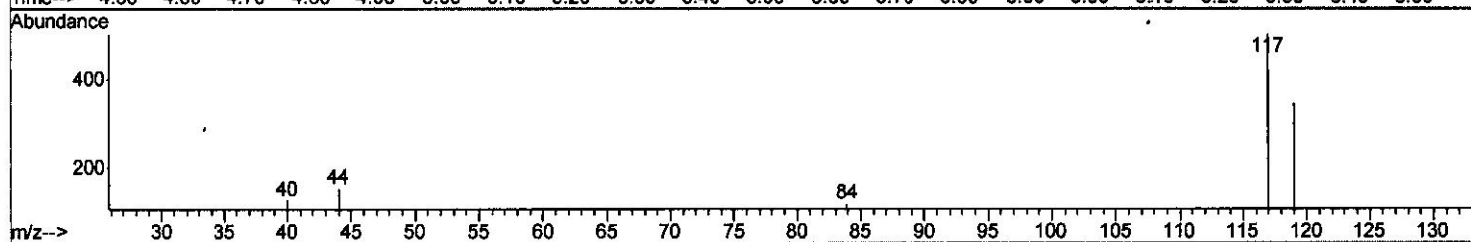
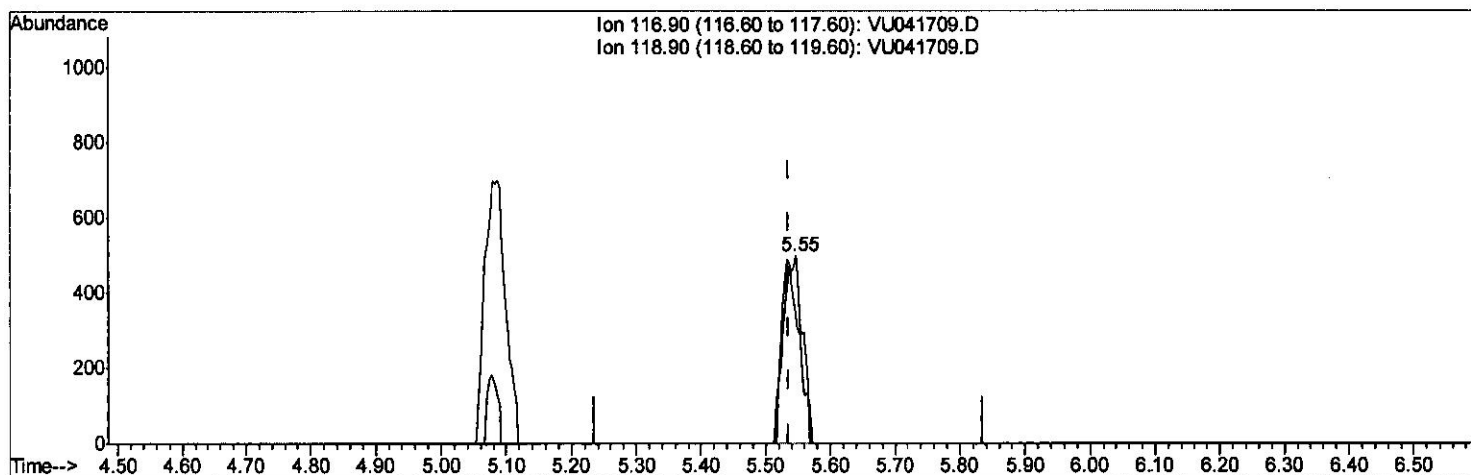
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Manual Integrations
 APPROVED

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 12/23/2020 11:30:45 AM



TIC: VU041709.D

(31) Carbon tetrachloride (T)

5.546min (+0.010) 0.08ug/L m

m.D
12/23/20

response 966

Ion	Exp%	Act%
116.90	100	100
118.90	95.20	100.10
0.00	0.00	0.00
0.00	0.00	0.00

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60) 1,4-Dichlorobenzene-d4	11.81	152	54899	5.00	ug/L	0.00

System Monitoring Compounds

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Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.72	65	51867	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.74	84	166547	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.70	67	57736	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.90	98	148586	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.19	79	23638	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.64	63	151473	56.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56430	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	53965	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

13) Acetone	2.69	43	9483m	5.325	ug/L	
31) Carbon tetrachloride	5.55	117	966m	0.081	ug/L	
47) Tetrachloroethene	8.56	164	1053	0.155	ug/L	# 77

m D
 12/23/20

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