

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033430.D
 Acq On : 25 Jul 2019 23:23
 Operator : JC/SP
 Sample : K3976-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CB7

Manual Integrations
 APPROVED

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 7/26/2019 10:53:33 AM

Quant Time: Jul 26 07:37:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 05:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	274984	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	278280	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	121441	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	126136	60.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.18%
7) Chloroethane-d5	1.67	69	111566	62.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.48%
11) 1,1-Dichloroethene-d2	2.25	63	156593	41.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.94%
21) 2-Butanone-d5	4.15	46	148451	112.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.55%
24) Chloroform-d	4.62	84	189213	54.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.48%
26) 1,2-Dichloroethane-d4	5.29	65	132109	59.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.08%
32) Benzene-d6	5.32	84	399008	58.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.90%
36) 1,2-Dichloropropane-d6	6.31	67	128476	58.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.50%
41) Toluene-d8	7.55	98	364634	56.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.28%
43) trans-1,3-Dichloropropene-	7.83	79	56610	52.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.58%
47) 2-Hexanone-d5	8.29	63	107018	108.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.55%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	188683	57.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	135180	62.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.84%#

Target Compounds

				Ovalue
13) Acetone	2.31	43	4005	2.430 ug/L 94
25) Chloroform	4.65	83	22548	5.814 ug/L 100
31) Carbon tetrachloride	5.11	117	2473m	0.870 ug/L
34) Trichloroethene	6.16	95	43339	20.420 ug/L 96
46) Tetrachloroethene	8.21	164	85234	51.877 ug/L 98

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

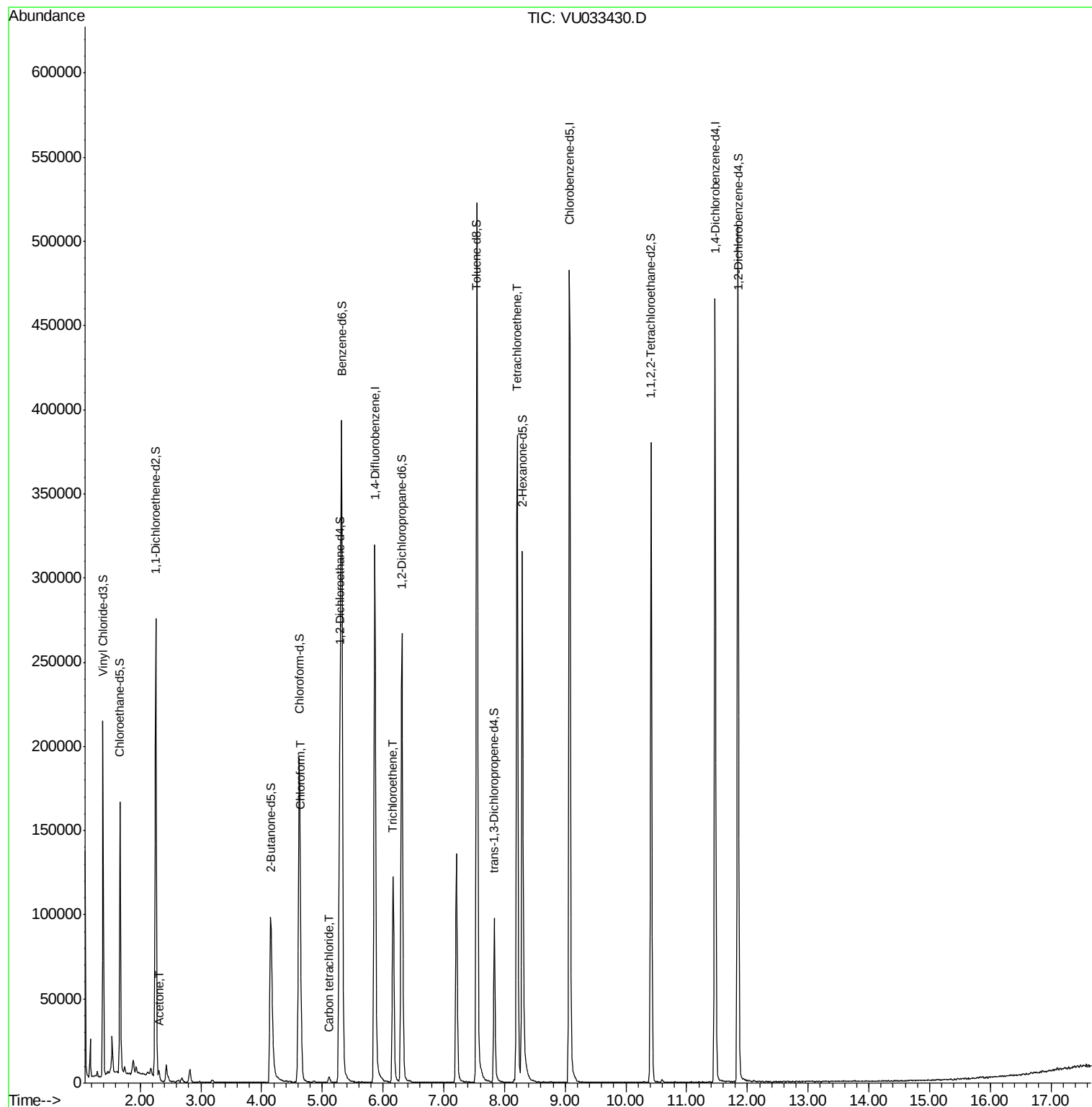
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072519\
Data File : VU033430.D
Acq On : 25 Jul 2019 23:23
Operator : JC/SP
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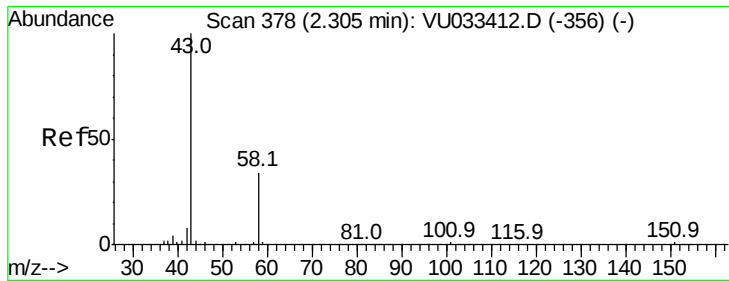
Instrument :
MSVOA_U
ClientSampleId :
C0CB7

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Quant Time: Jul 26 07:37:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.430 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033430.D

Acq: 25 Jul 2019 23:23

Instrument :

MSVOA_U

ClientSampled :

C0CB7

Tot Ion: 43 Resp: 4005

Ion Ratio Lower Upper

43 100

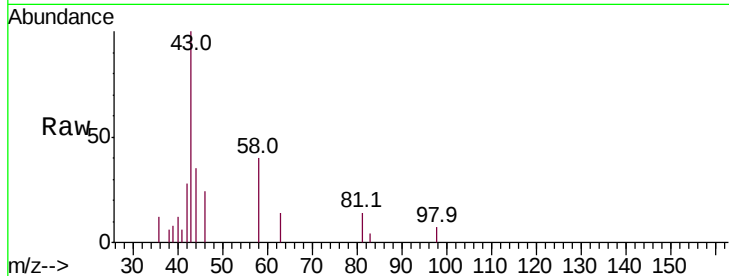
58 36.2 0.0 65.4

Manual Integrations

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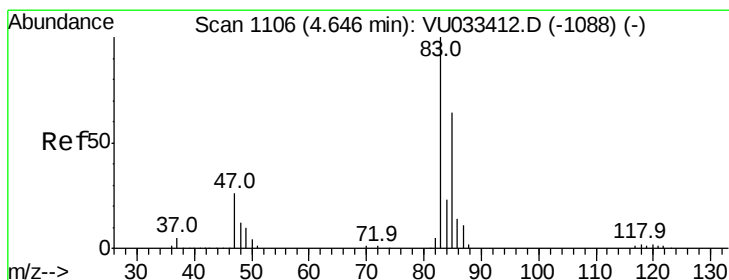
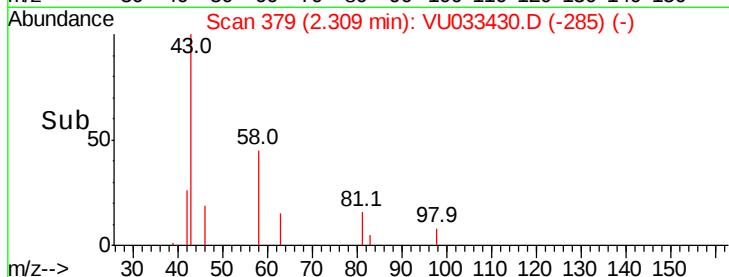
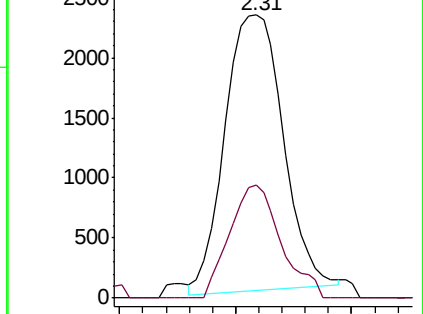
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Abundance Ion 43.00 (42.70 to 43.70): VU033412.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU033412.D (-356) (-)



#25

Chloroform

Concen: 5.814 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU033430.D

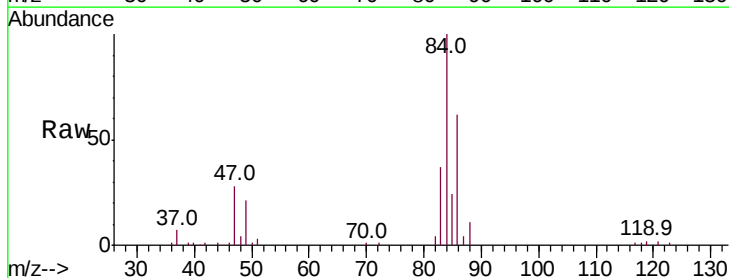
Acq: 25 Jul 2019 23:23

Tgt Ion: 83 Resp: 22548

Ion Ratio Lower Upper

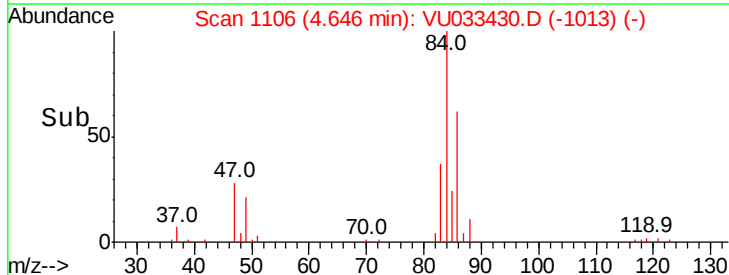
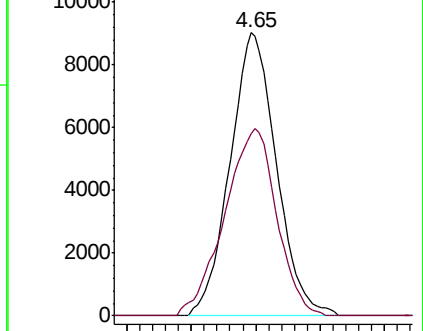
83 100

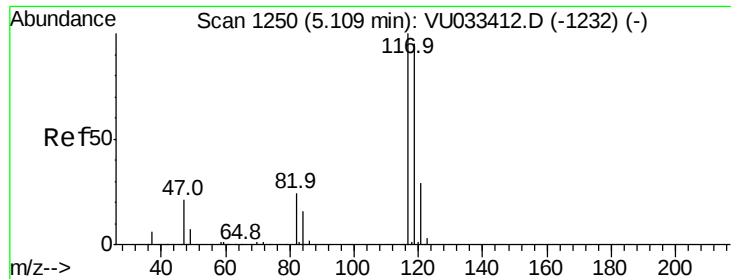
85 64.5 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033412.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033412.D (-1088) (-)





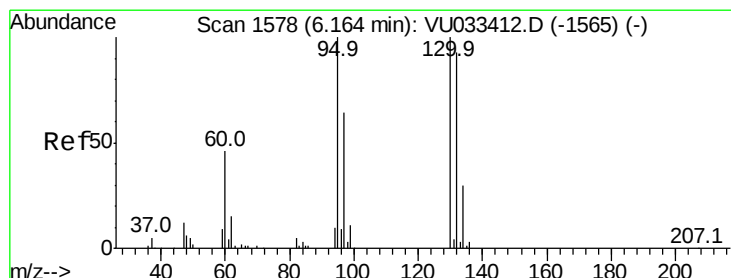
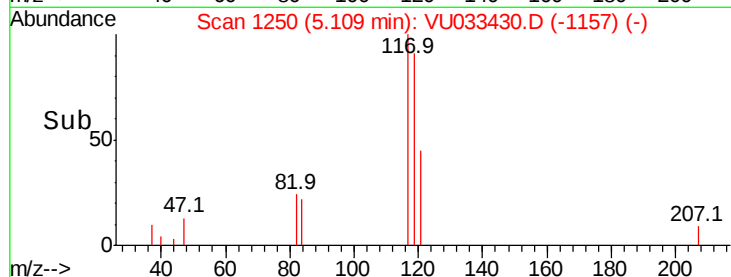
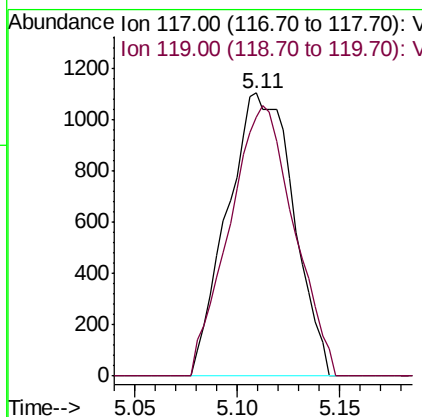
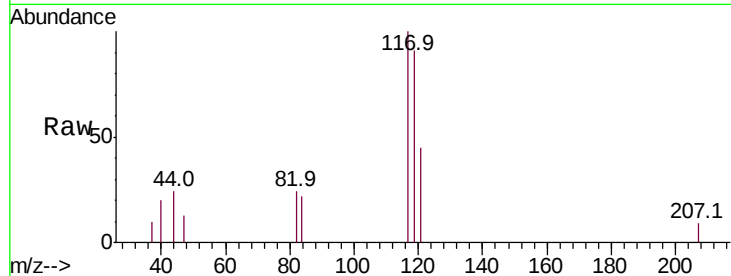
#31
Carbon tetrachloride
Concen: 0.870 ug/L m
RT: 5.11 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU033430.D
Acq: 25 Jul 2019 23:23

Instrument :
MSVOA_U
ClientSampled :
C0CB7

Tot Ion:117 Resp: 2473
Ion Ratio Lower Upper
117 100
119 93.7 76.9 115.3

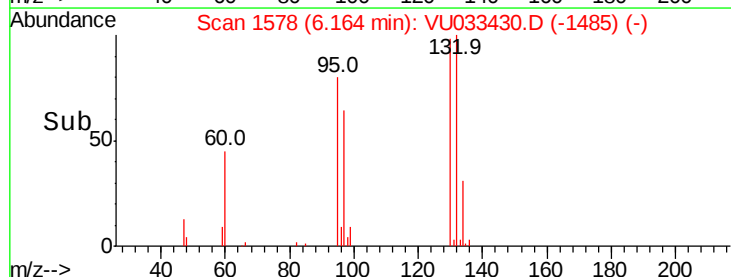
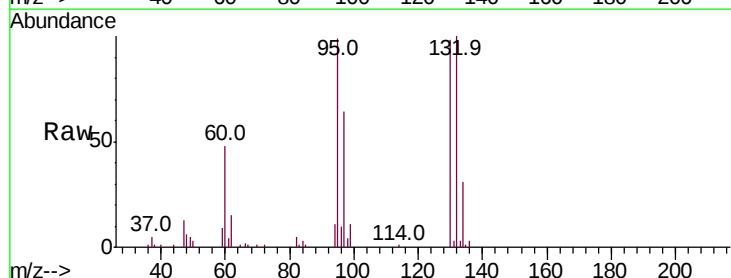
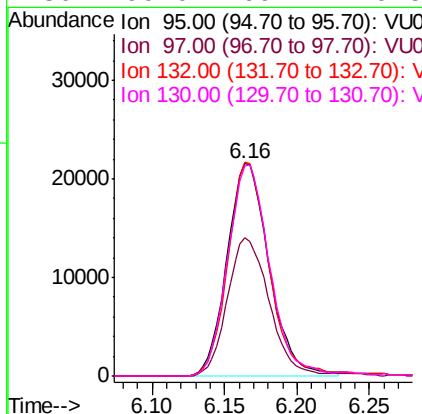
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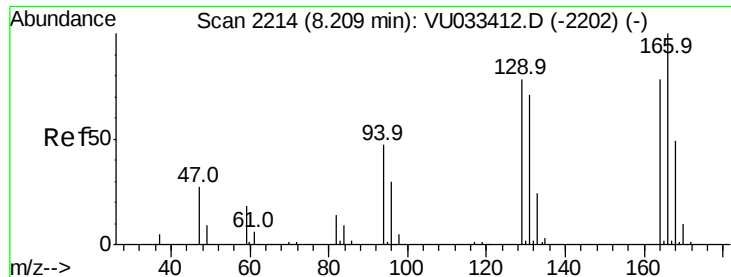
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#34
Trichloroethene
Concen: 20.420 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033430.D
Acq: 25 Jul 2019 23:23

Tgt Ion: 95 Resp: 43339
Ion Ratio Lower Upper
95 100
97 65.0 43.8 81.4
132 100.7 65.5 121.6
130 99.0 69.7 129.5





#46

Tetrachloroethene

Concen: 51.877 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU033430.D

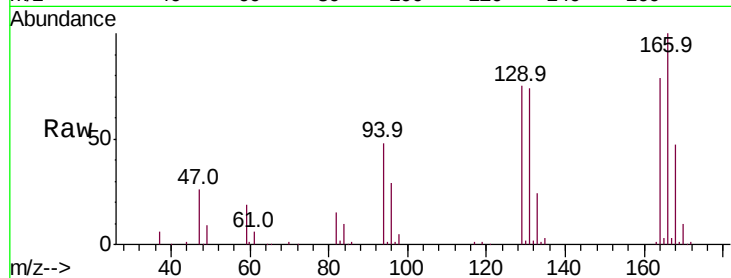
Acq: 25 Jul 2019 23:23

Instrument :

MSVOA_U

ClientSampleId :

C0CB7



Tot Ion:164 Resp: 85234

Ion Ratio Lower Upper

164 100

129 94.4 69.6 129.2

131 93.6 65.7 122.1

166 125.9 88.5 164.4

Manual Integrations

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