

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017549.D
 Acq On : 04 Dec 2020 12:33
 Operator : SY/VA
 Sample : L4920-16
 Misc : 4.60G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G2

Manual Integrations
 APPROVED

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 12/21/2020 1:36:11 PM

Quant Time: Dec 20 03:13:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	371147	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298928	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105352	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88636	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
7) Chloroethane-d5	2.89	69	80111	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.80%
10) 1,1-Dichloroethene-d2	4.02	63	155888	14.34	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.36%
20) 2-Butanone-d5	7.08	46	52748	51.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.46%
24) Chloroform-d	7.65	84	239685	22.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	8.30	65	128007	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.96%
29) Benzene-d6	8.27	84	448335	24.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.56%
33) 1,2-Dichloropropane-d6	9.27	67	134099	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.44%
37) Toluene-d8	10.32	98	380911	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.00%
38) trans-1,3-Dichloropropene-	10.58	79	52346	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.12%
39) 2-Hexanone-d5	10.93	63	33654	53.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96753	26.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	87837	22.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.08%

Target Compounds

					Ovalue
13) Acetone	4.13	43	12066	12.179 ug/L	89
14) Carbon disulfide	4.39	76	13358	0.907 ug/L #	95
16) Methylene chloride	4.92	84	25720	4.616 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	6258m	1.131 ug/L	
47) Tetrachloroethene	10.87	164	5697	1.342 ug/L	90

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

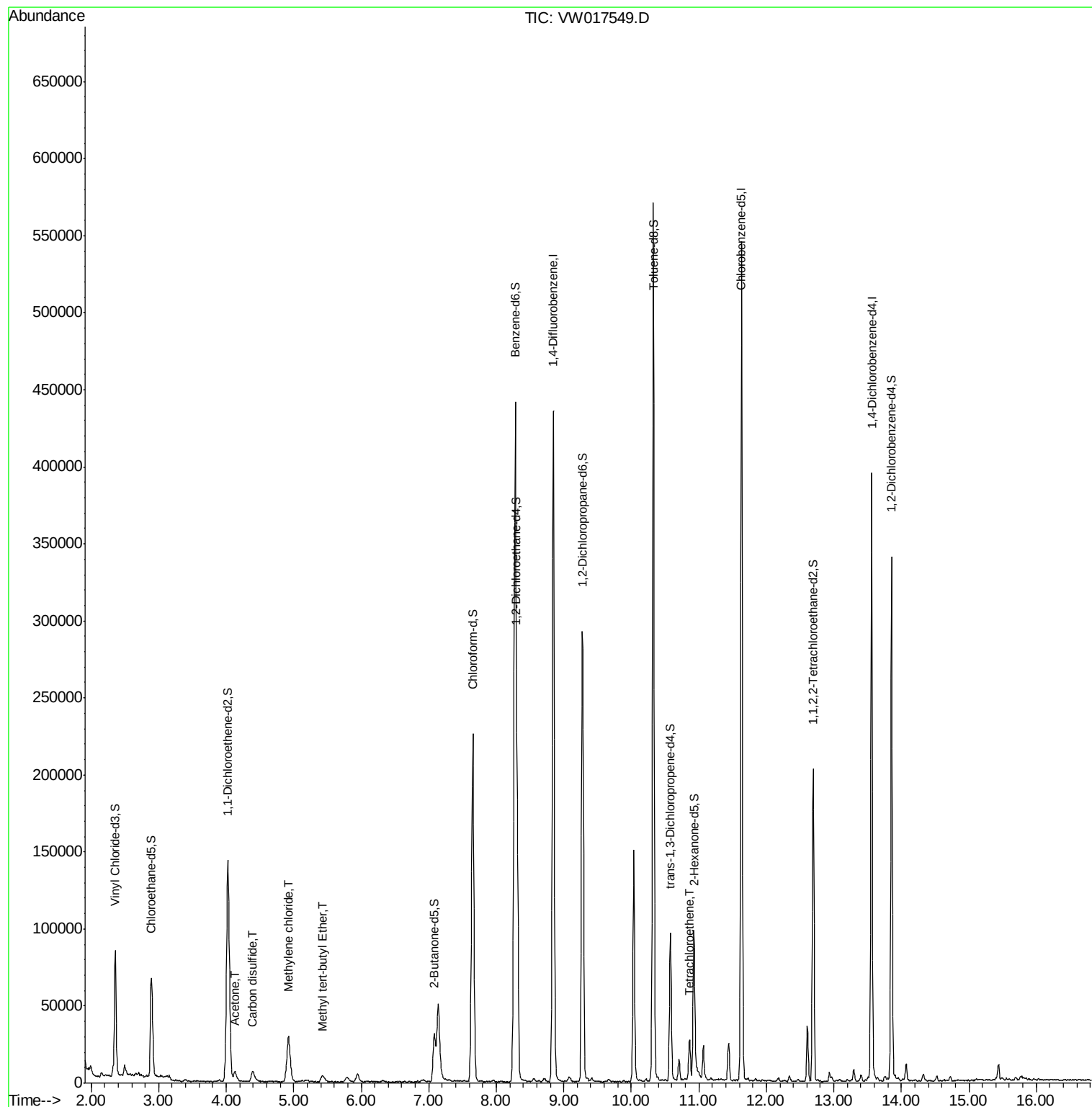
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120420\
Data File : VW017549.D
Acq On : 04 Dec 2020 12:33
Operator : SY/VA
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ALS Vial : 8 Sample Multiplier: 1

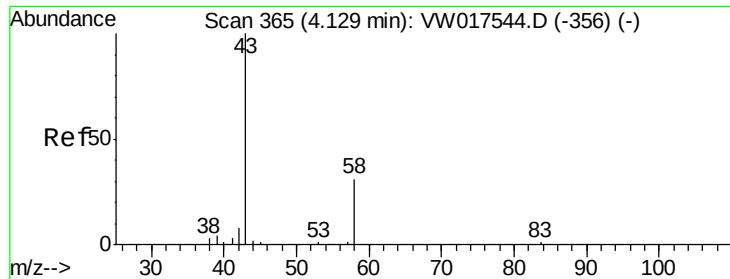
Instrument :
MSVOA_W
ClientSampleId :
BG4G2

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Quant Time: Dec 20 03:13:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 20 01:44:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 12.179 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017549.D

Acq: 04 Dec 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

BG4G2

Tot Ion: 43 Resp: 12066

Ion Ratio Lower Upper

43 100

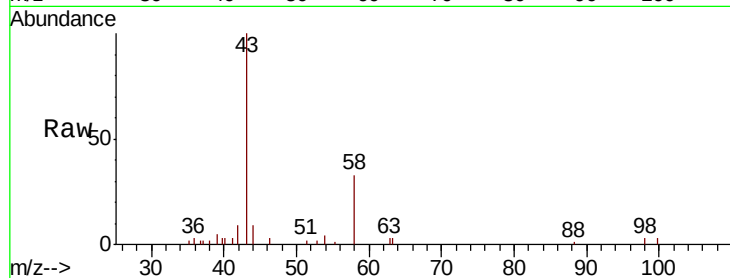
58 27.9 0.0 68.4

Manual Integrations

APPROVED

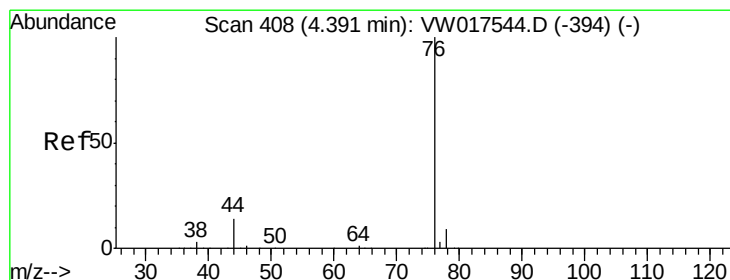
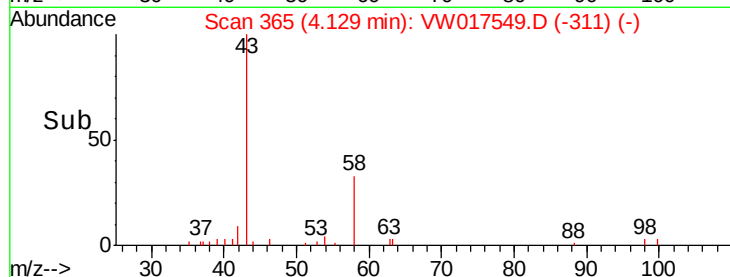
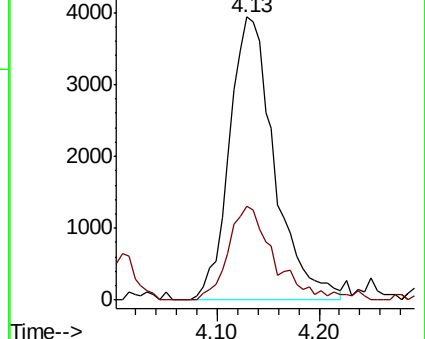
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.907 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017549.D

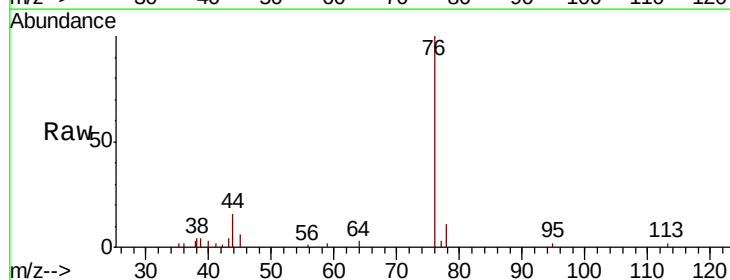
Acq: 04 Dec 2020 12:33

Tgt Ion: 76 Resp: 13358

Ion Ratio Lower Upper

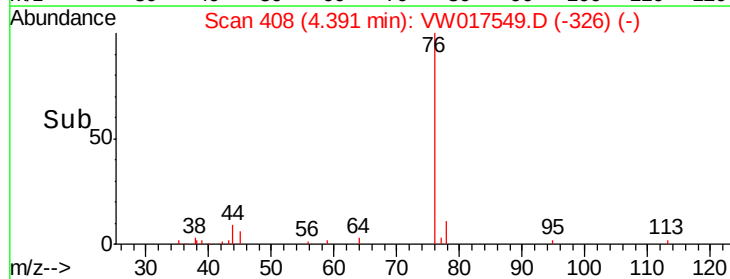
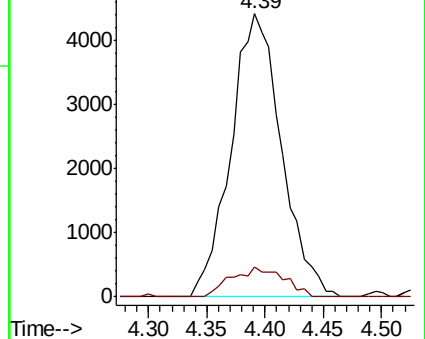
76 100

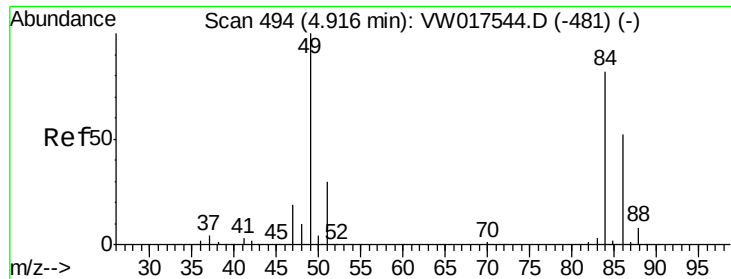
78 10.6 7.0 10.4#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





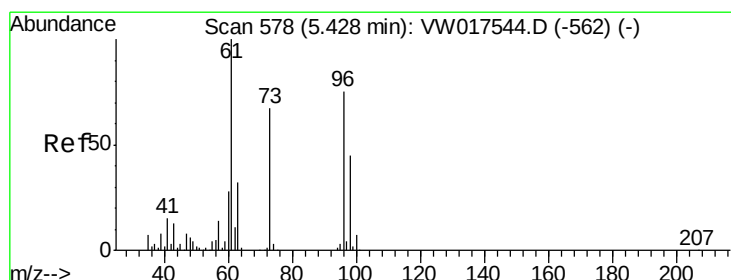
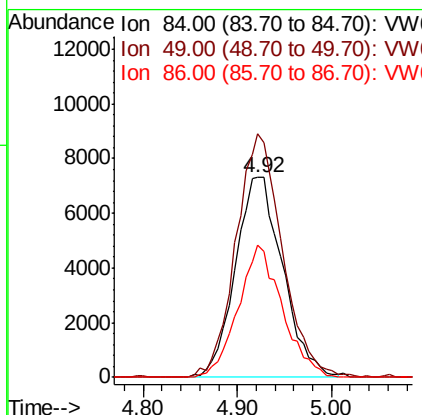
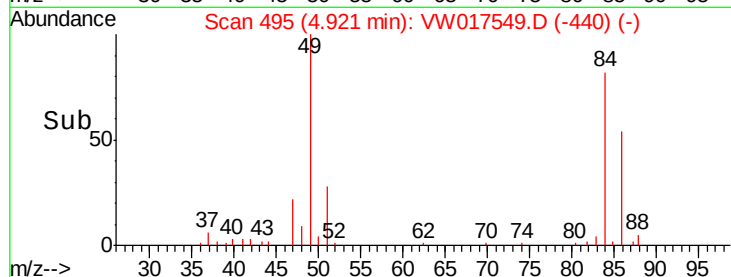
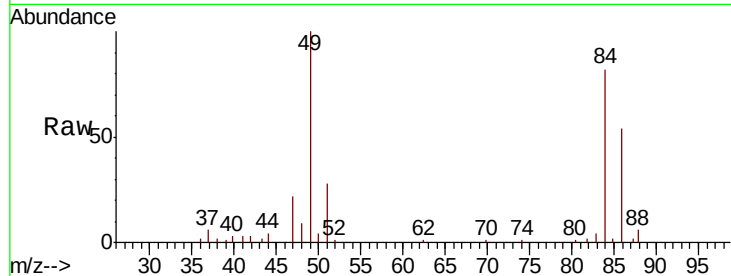
#16
Methylene chloride
Concen: 4.616 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017549.D
Acq: 04 Dec 2020 12:33

Instrument :
MSVOA_W
ClientSampleId :
BG4G2

Tot Ion	Ratio	Lower	Upper
84	100		
49	121.8	81.2	150.8
86	66.2	44.5	82.7

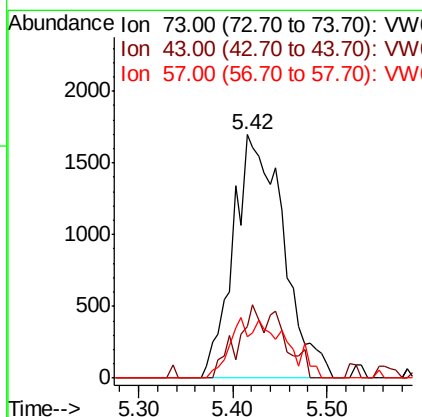
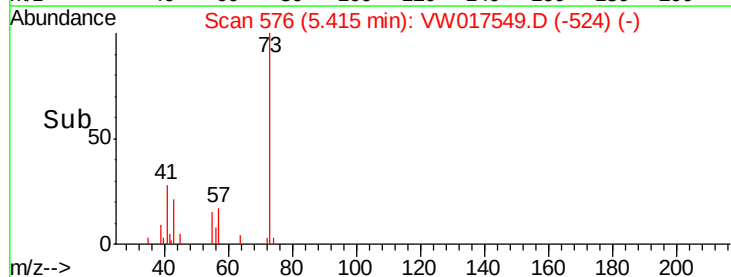
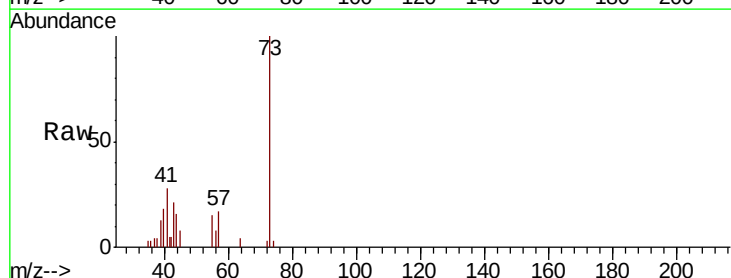
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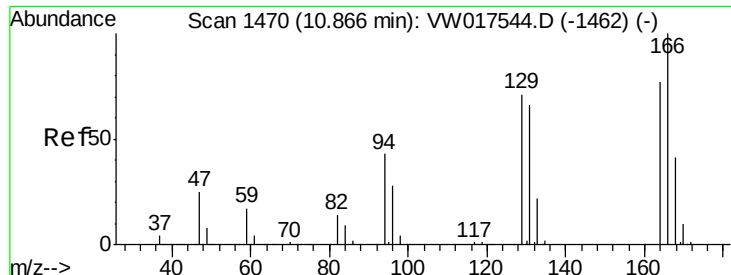
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#17
Methyl tert-butyl Ether
Concen: 1.131 ug/L m
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW017549.D
Acq: 04 Dec 2020 12:33

Tgt Ion	Ratio	Lower	Upper
73	100		
43	11.0	16.2	24.4#
57	9.6	17.2	25.8#





#47

Tetrachloroethene

Concen: 1.342 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017549.D

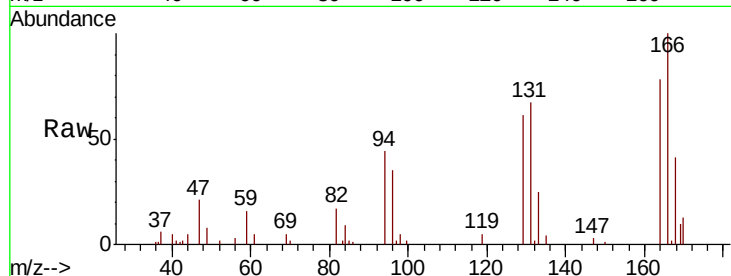
Acq: 04 Dec 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

BG4G2



Tot Ion:164 Resp: 5697

Ion Ratio Lower Upper

164 100

129 78.3 67.6 125.6

131 85.7 65.2 121.2

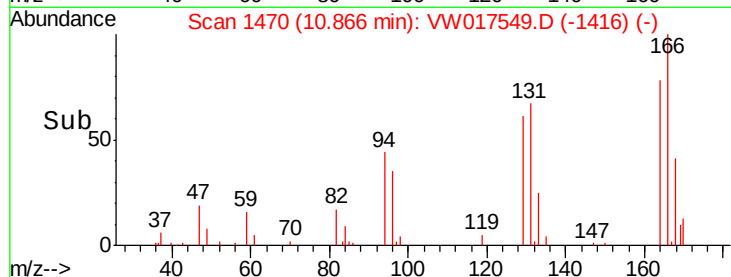
166 127.8 93.2 173.2

Manual Integrations

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

