

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018402.D
 Acq On : 19 Mar 2021 21:40
 Operator : SY/VA
 Sample : M1698-15
 Misc : 6.12G/10ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4L3

Manual Integrations
 APPROVED

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 3/22/2021 4:14:32 PM

Quant Time: Mar 20 04:00:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	456340	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	416381	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	195349	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	155074	24.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.68%		
7) Chloroethane-d5	2.892	69	146767	26.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.60%		
10) 1,1-Dichloroethene-d2	4.026	63	187421	17.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.36%		
20) 2-Butanone-d5	7.074	46	78879	55.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.58%		
24) Chloroform-d	7.647	84	271406	23.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.40%		
26) 1,2-Dichloroethane-d4	8.305	65	176079	25.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.80%		
29) Benzene-d6	8.275	84	528076	23.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.44%		
33) 1,2-Dichloropropane-d6	9.275	67	157062	24.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.40%		
37) Toluene-d8	10.323	98	494007	23.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.72%		
38) trans-1,3-Dichloroprop...	10.579	79	41477	12.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	50.40%		
39) 2-Hexanone-d5	10.927	63	60295	48.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.50%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	143073	25.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.20%		
61) 1,2-Dichlorobenzene-d4	13.853	152	157329	22.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.60%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	11305	11.13	ug/L	92
16) Methylene chloride	4.916	84	24163	3.23	ug/L	87
17) Methyl tert-butyl Ether	5.434	73	6160m	0.74	ug/L	
22) cis-1,2-Dichloroethene	7.165	96	5363m	0.81	ug/L	
35) Trichloroethene	9.092	95	130149	19.54	ug/L	99
47) Tetrachloroethene	10.860	164	11007471	2175.96	ug/L	89

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

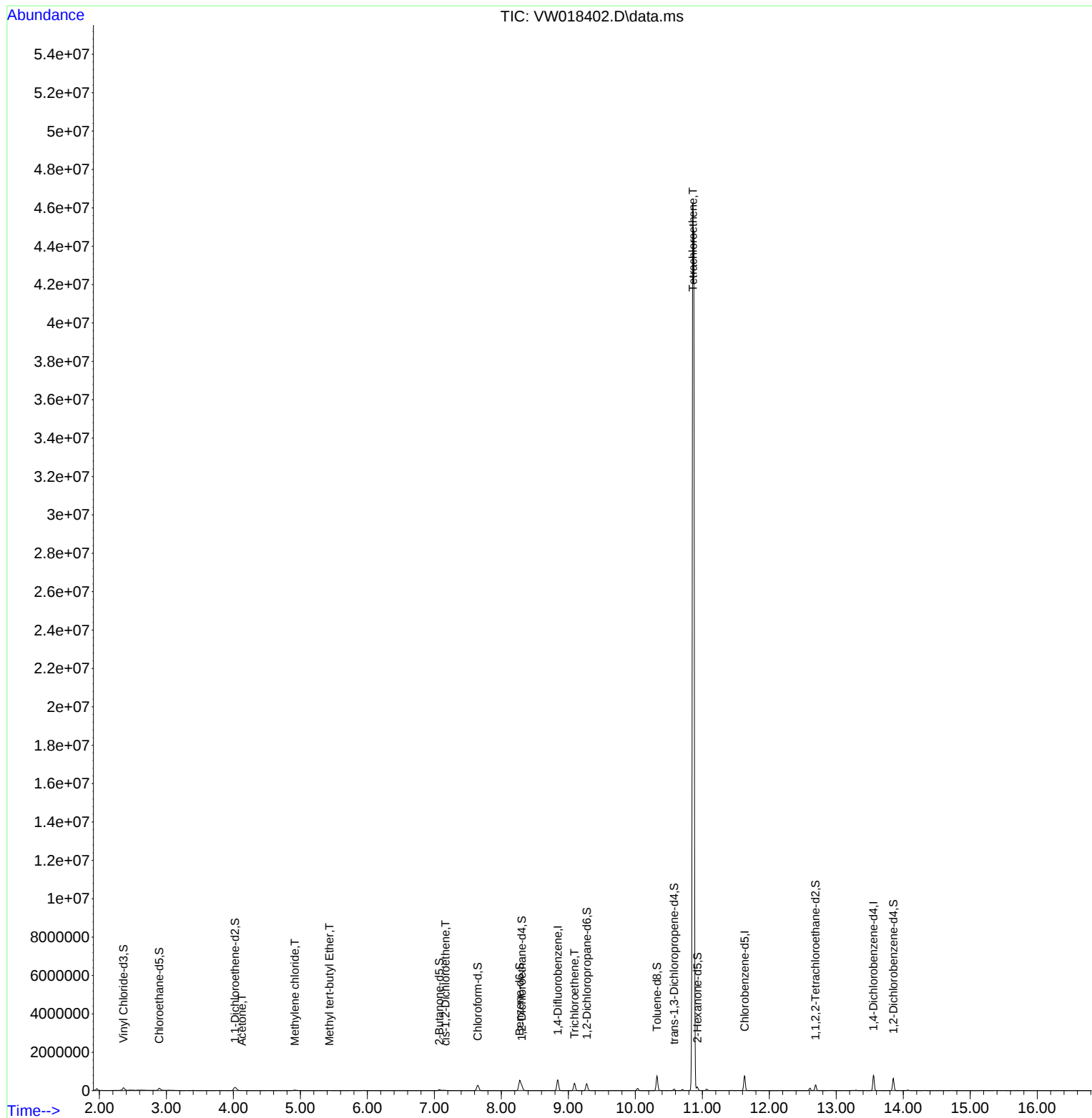
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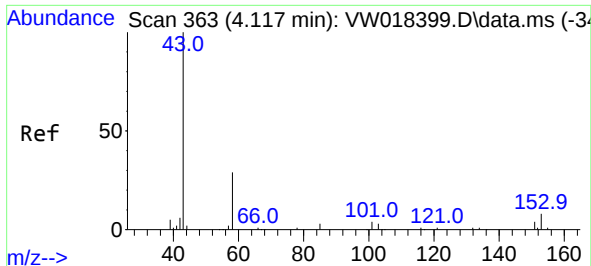
Instrument :
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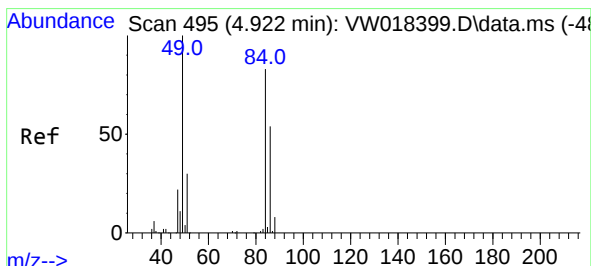
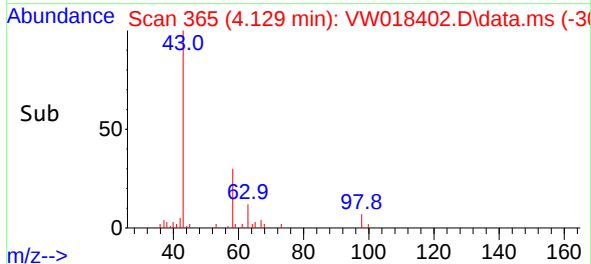
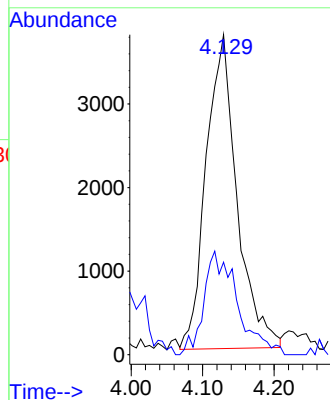
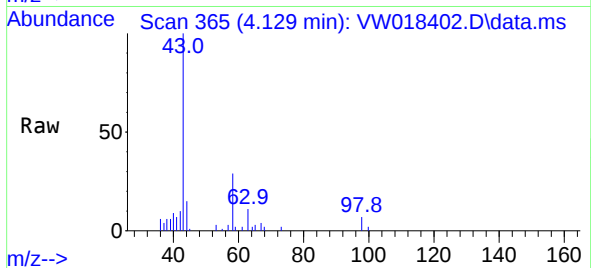
#13
Acetone
Concen: 11.13 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018402.D
Acq: 19 Mar 2021 21:40

Tgt Ion: 43 Resp: 11305
Ion Ratio Lower Upper
43 100
58 26.6 0.0 62.2

Instrument :
MSVOA_W
ClientSampled :
BG4L3

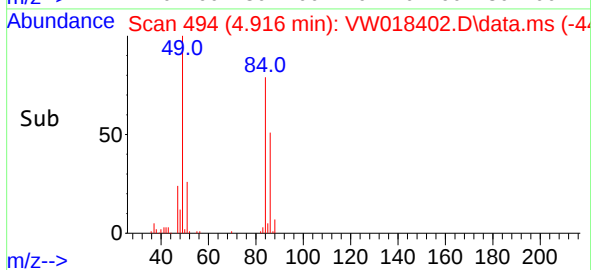
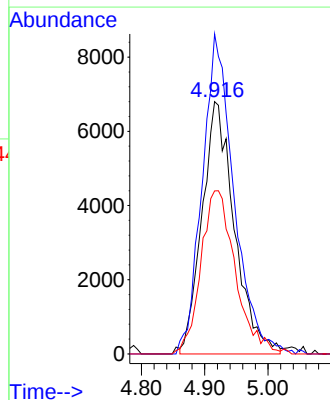
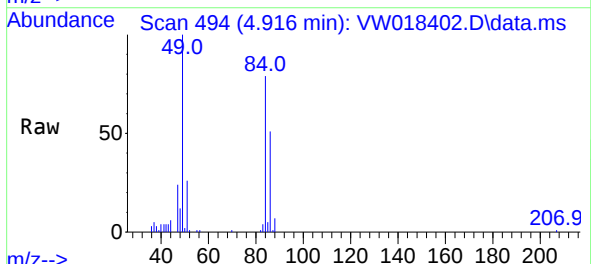
Manual Integrations
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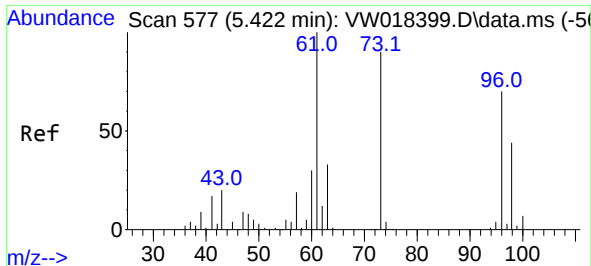
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#16
Methylene chloride
Concen: 3.23 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018402.D
Acq: 19 Mar 2021 21:40

Tgt Ion: 84 Resp: 24163
Ion Ratio Lower Upper
84 100
49 126.8 74.4 138.2
86 64.6 46.1 85.7





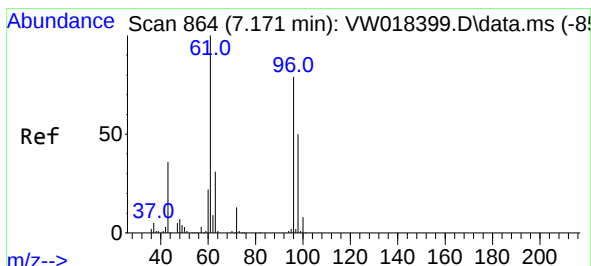
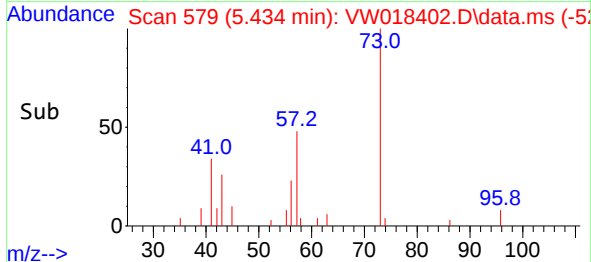
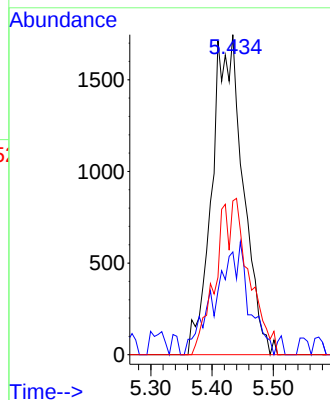
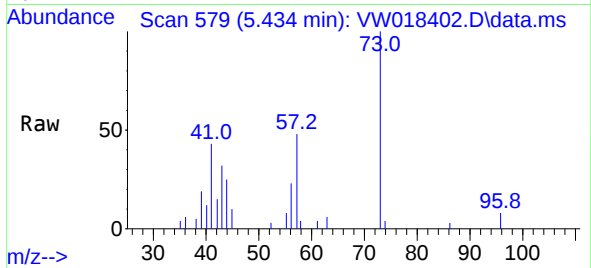
#17
Methyl tert-butyl Ether
Concen: 0.74 ug/L m
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW018402.D
Acq: 19 Mar 2021 21:40

Tgt Ion: 73 Resp: 6160
Ion Ratio Lower Upper
73 100
43 8.9 16.6 24.8#
57 14.7 15.9 23.9#

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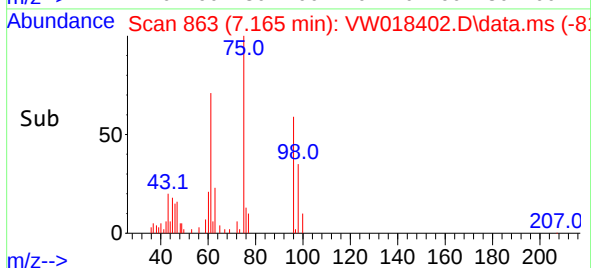
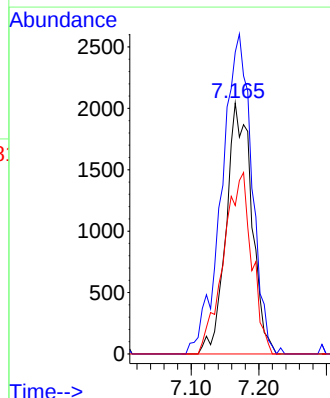
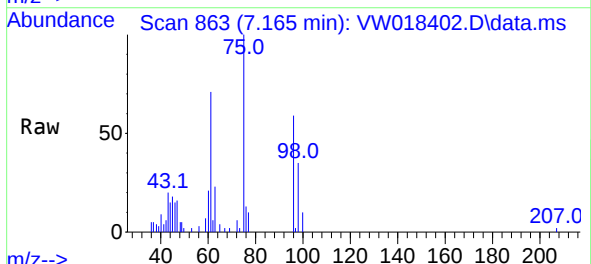
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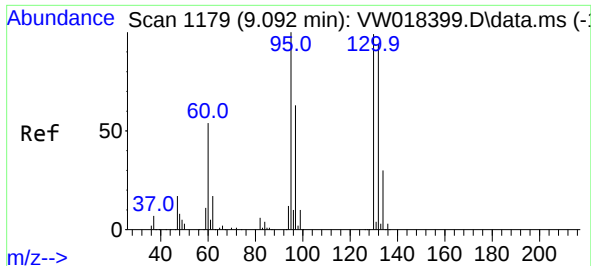
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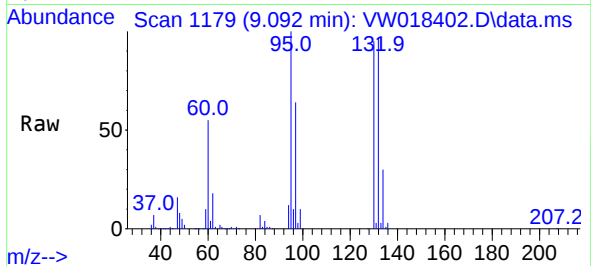
#22
cis-1,2-Dichloroethene
Concen: 0.81 ug/L m
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018402.D
Acq: 19 Mar 2021 21:40

Tgt Ion: 96 Resp: 5363
Ion Ratio Lower Upper
96 100
61 120.2 84.8 157.6
98 59.1 45.1 83.9



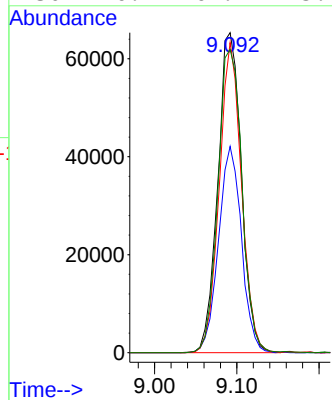


#35
Trichloroethene
Concen: 19.54 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018402.D
Acq: 19 Mar 2021 21:40



Tgt Ion: 95 Resp: 130149

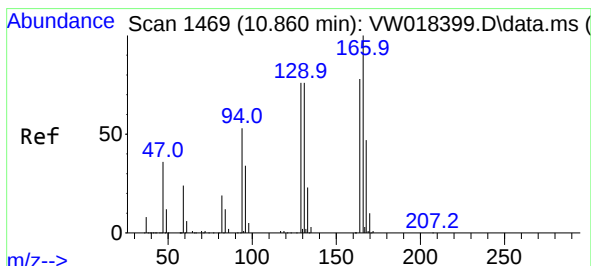
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.4	82.4
132	91.5	65.9	122.5
130	96.4	67.4	125.2



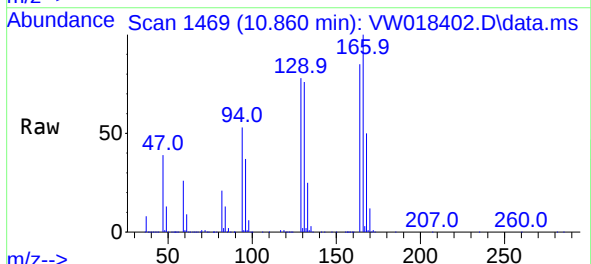
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#47
Tetrachloroethene
Concen: 2175.96 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018402.D
Acq: 19 Mar 2021 21:40



Tgt Ion: 164 Resp: 11007471

Ion	Ratio	Lower	Upper
164	100		
129	92.1	68.8	127.8
131	89.1	68.3	126.8
166	117.8	95.4	177.2

