

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018281.D
 Acq On : 10 Mar 2021 12:29
 Operator : SY/VA
 Sample : M1610-18
 Misc : 5.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG567

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:37:40 PM

Quant Time: Mar 11 02:01:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 02:01:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	284003	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	249689	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	112489	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	87615	28.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	113.96%		
7) Chloroethane-d5	2.898	69	65642	26.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.12%		
10) 1,1-Dichloroethene-d2	4.019	63	142738	19.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.88%		
20) 2-Butanone-d5	7.080	46	23745	32.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.94%		
24) Chloroform-d	7.647	84	184964	24.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.16%		
26) 1,2-Dichloroethane-d4	8.305	65	93538	22.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.36%		
29) Benzene-d6	8.275	84	348256	26.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.80%		
33) 1,2-Dichloropropane-d6	9.274	67	92617	25.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.60%		
37) Toluene-d8	10.323	98	341618	26.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	106.52%		
38) trans-1,3-Dichloroprop...	10.579	79	40039	21.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.72%		
39) 2-Hexanone-d5	10.920	63	20846	34.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.04%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	59998	19.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	76.20%		
61) 1,2-Dichlorobenzene-d4	13.853	152	99678	24.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.52%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	1077	1.88	ug/L	69
14) Carbon disulfide	4.385	76	2256	0.21	ug/L #	74
16) Methylene chloride	4.922	84	20356	4.70	ug/L	92
17) Methyl tert-butyl Ether	5.415	73	6438m	1.50	ug/L	
35) Trichloroethene	9.092	95	12651	3.00	ug/L	98
47) Tetrachloroethene	10.859	164	45731	14.51	ug/L	84

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

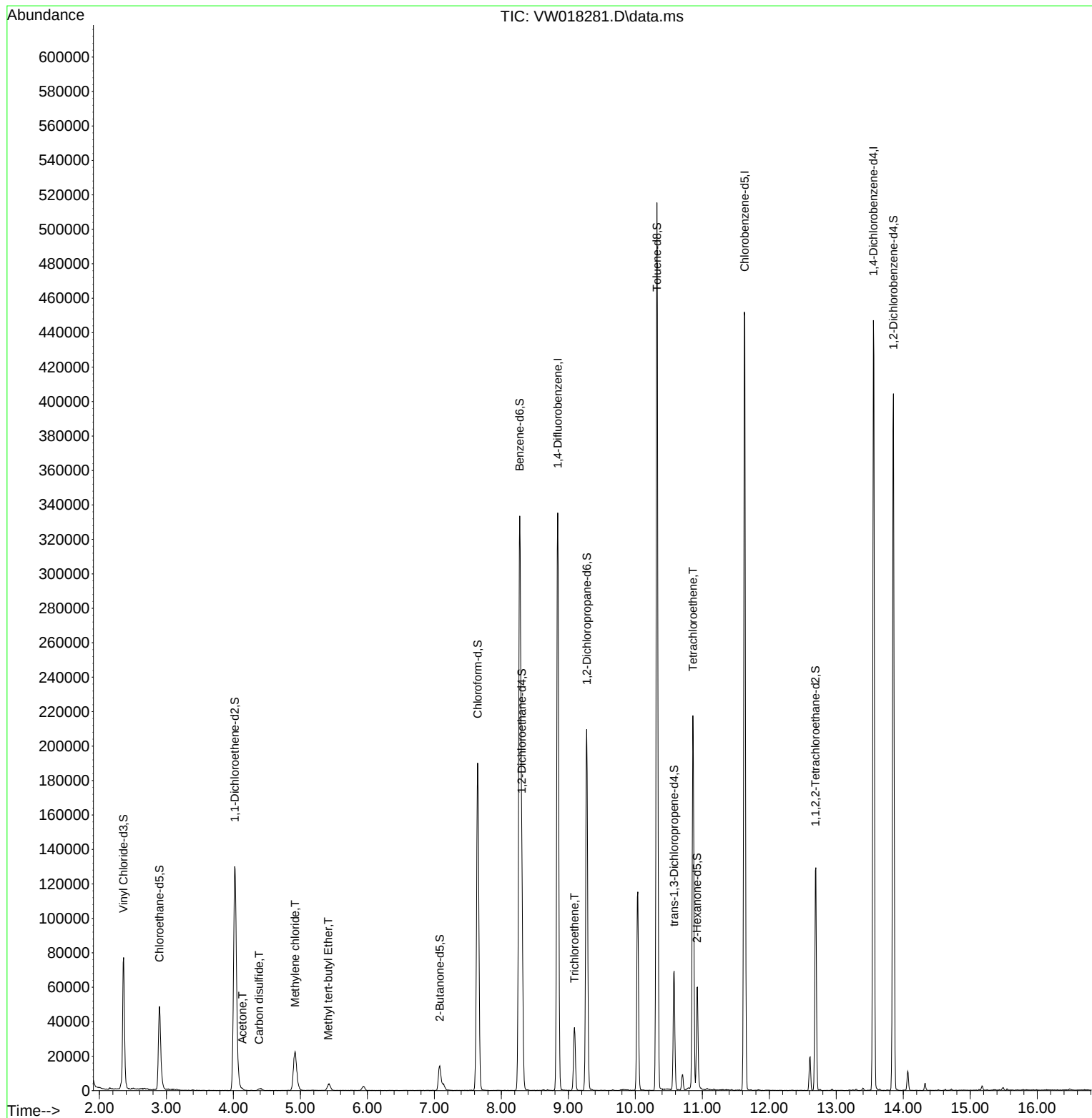
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
Data File : VW018281.D
Acq On : 10 Mar 2021 12:29
Operator : SY/VA
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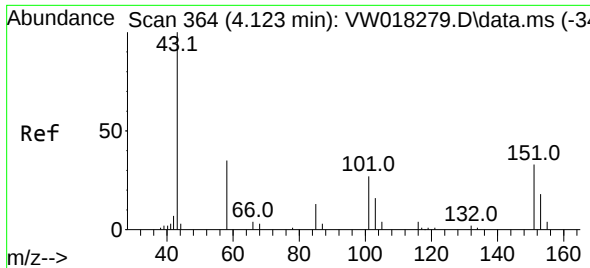
Instrument :
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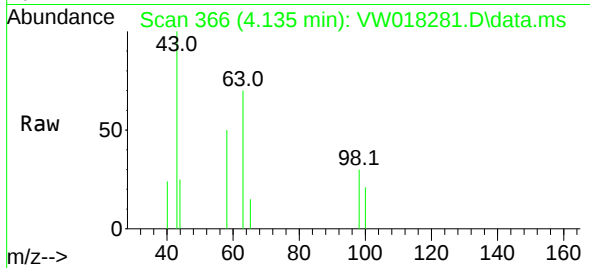
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 11 02:01:11 2021
Response via : Initial Calibration





#13
Acetone
Concen: 1.88 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

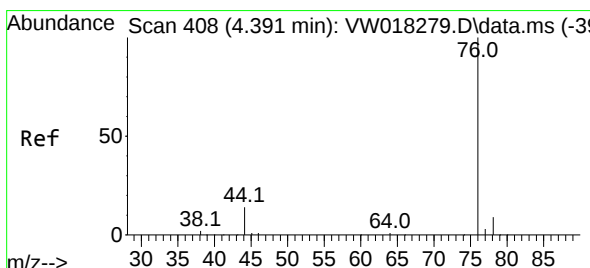
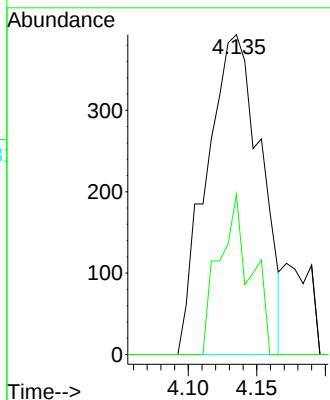
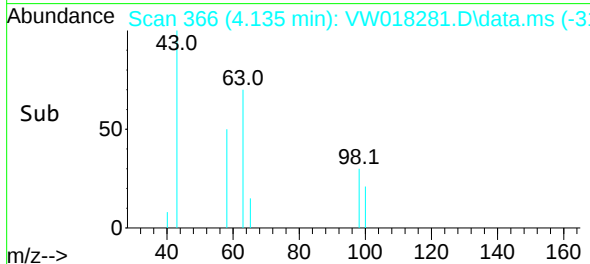
Instrument :
MSVOA_W
ClientSampled :
BG567



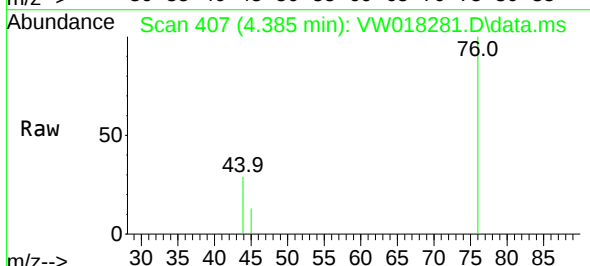
Tgt Ion: 43 Resp: 1077
Ion Ratio Lower Upper
43 100
58 14.2 0.0 62.2

Manual Integrations
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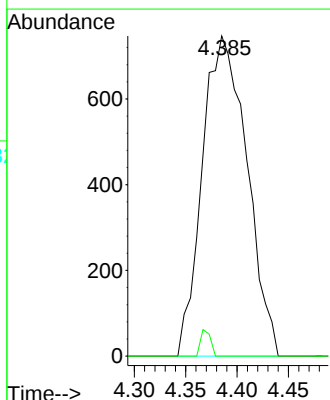
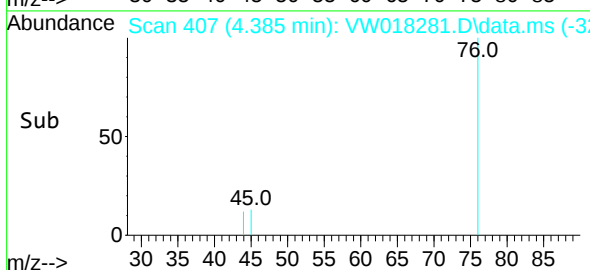
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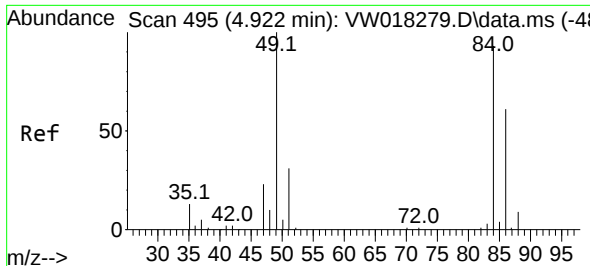


#14
Carbon disulfide
Concen: 0.21 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018281.D
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Tgt Ion: 76 Resp: 2256
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#





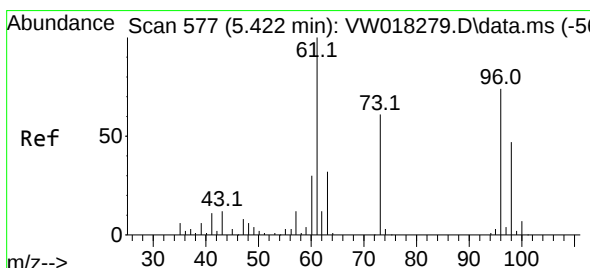
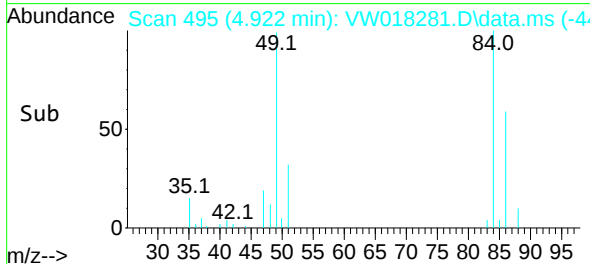
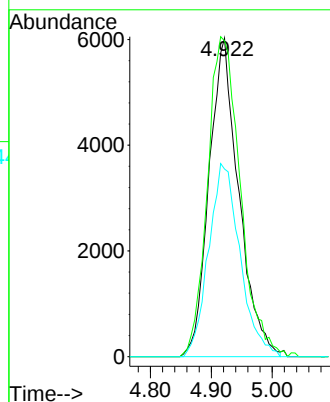
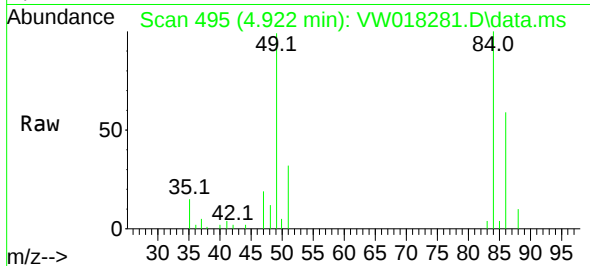
#16
Methylene chloride
Concen: 4.70 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	99.1	74.4	138.2
86	58.9	46.1	85.7

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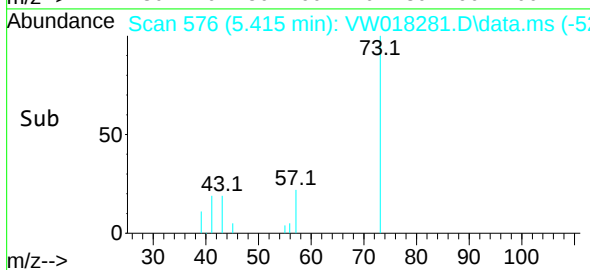
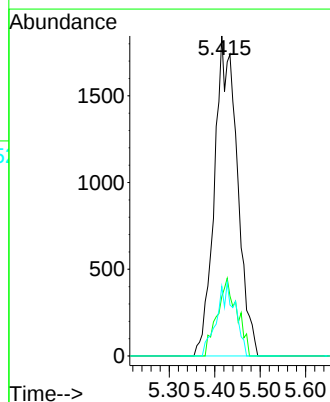
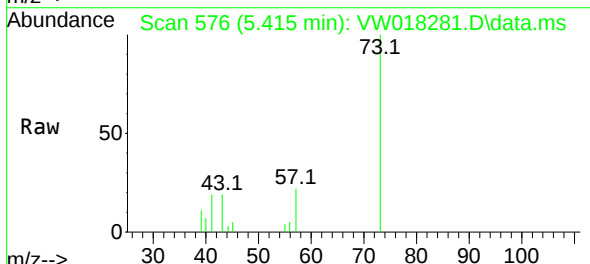
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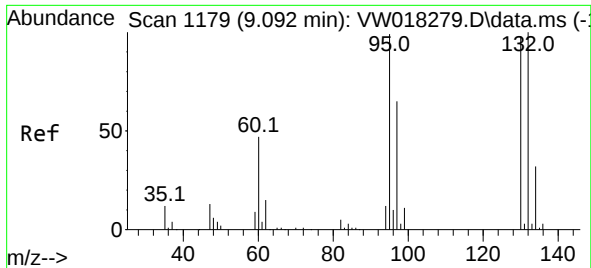
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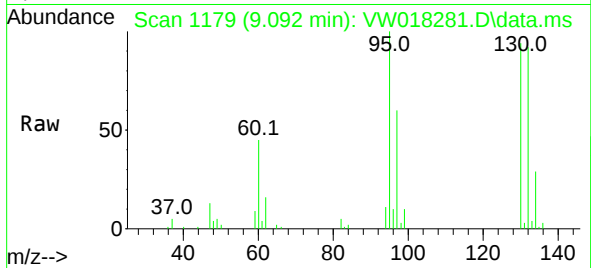
#17
Methyl tert-butyl Ether
Concen: 1.50 ug/L m
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29

Tgt Ion	Ratio	Lower	Upper
73	100		
43	0.0	16.6	24.8#
57	9.1	15.9	23.9#

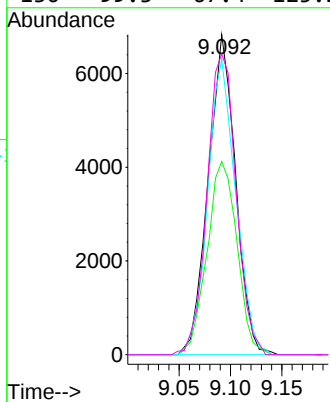
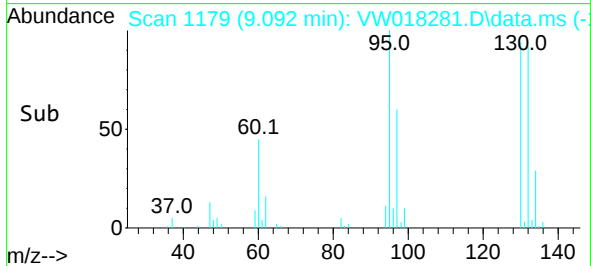




#35
Trichloroethene
Concen: 3.00 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29



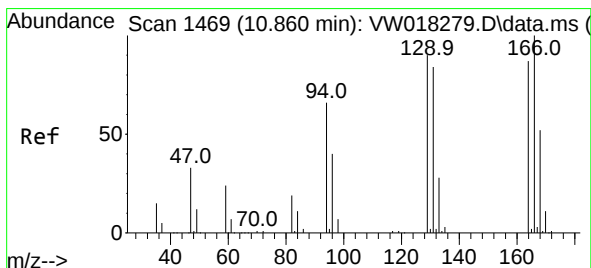
Tgt Ion: 95 Resp: 12651
Ion Ratio Lower Upper
95 100
97 66.0 44.4 82.4
132 94.7 65.9 122.5
130 99.3 67.4 125.2



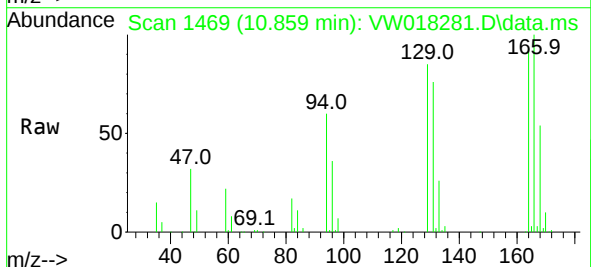
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#47
Tetrachloroethene
Concen: 14.51 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018281.D
Acq: 10 Mar 2021 12:29



Tgt Ion: 164 Resp: 45731
Ion Ratio Lower Upper
164 100
129 91.6 68.8 127.8
131 82.4 68.3 126.8
166 108.0 95.4 177.2

