

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018287.D
 Acq On : 10 Mar 2021 14:53
 Operator : SY/VA
 Sample : M1610-21
 Misc : 5.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG570

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:37:45 PM

Quant Time: Mar 11 02:03:47 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	255845	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	234614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	100797	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	69872	25.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.88%			
7) Chloroethane-d5	2.891	69	53834	23.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.72%			
10) 1,1-Dichloroethene-d2	4.019	63	113910	17.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.76%			
20) 2-Butanone-d5	7.080	46	25617	38.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.78%			
24) Chloroform-d	7.647	84	155927	22.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	8.305	65	83719	21.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.80%			
29) Benzene-d6	8.275	84	289758	23.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.80%			
33) 1,2-Dichloropropane-d6	9.274	67	79833	23.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.28%			
37) Toluene-d8	10.323	98	278749	23.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.52%			
38) trans-1,3-Dichloroprop...	10.579	79	35577	20.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.96%			
39) 2-Hexanone-d5	10.920	63	23455	40.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.48%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	60156	20.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.32%			
61) 1,2-Dichlorobenzene-d4	13.853	152	87368	23.85	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.40%			
Target Compounds					Qvalue	
13) Acetone	4.117	43	6765	13.14	ug/L	98
14) Carbon disulfide	4.379	76	7595	0.78	ug/L	97
16) Methylene chloride	4.909	84	18257m	4.68	ug/L	
22) cis-1,2-Dichloroethene	7.165	96	979	0.26	ug/L	84
34) Benzene	8.323	78	5047	0.37	ug/L	100
35) Trichloroethene	9.091	95	25256	6.38	ug/L	97
47) Tetrachloroethene	10.859	164	895820	302.40	ug/L	90

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

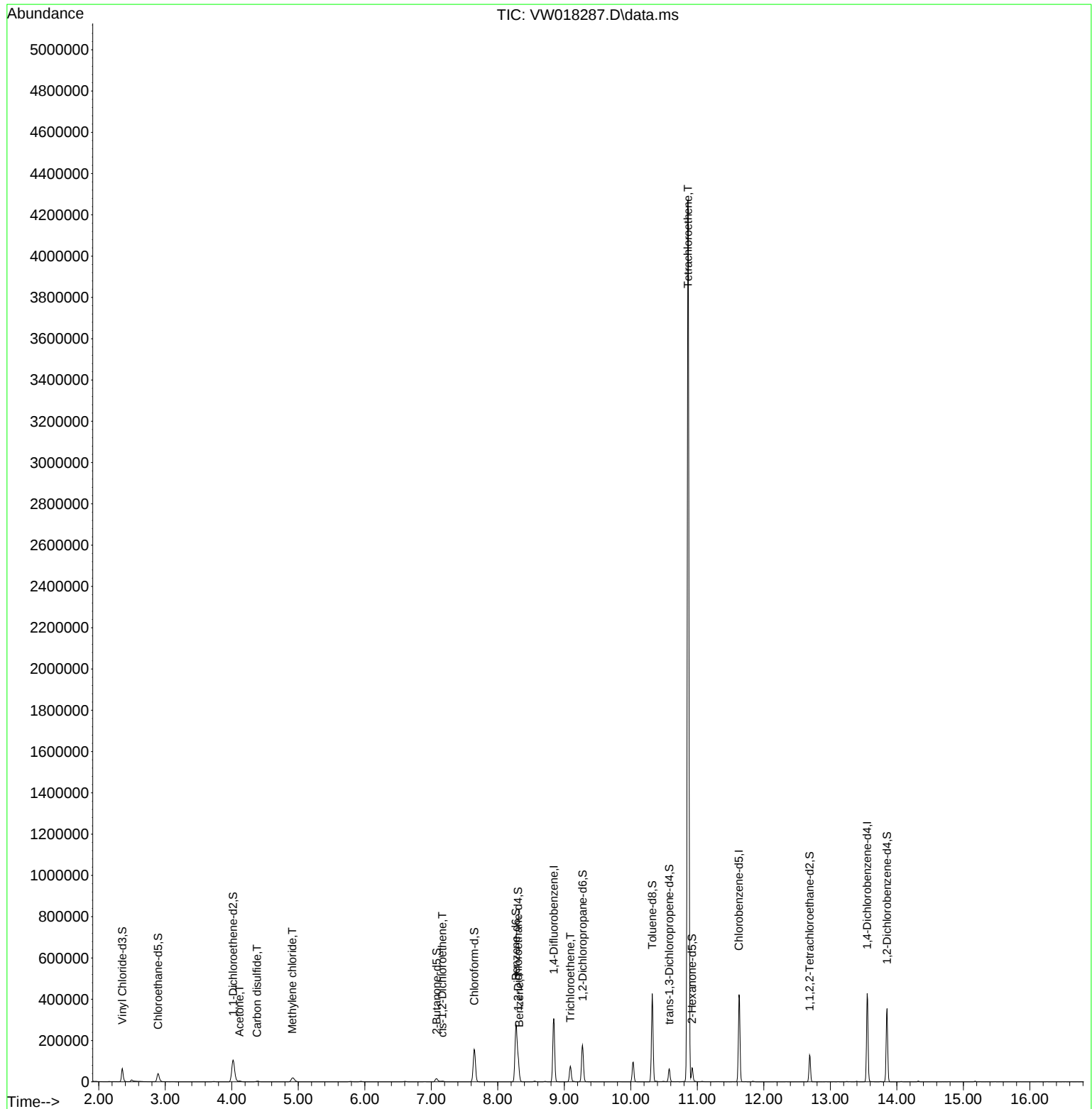
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
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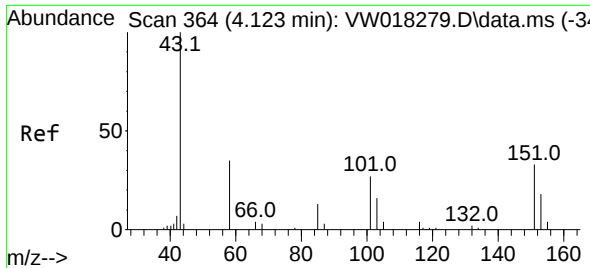
Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu Mar 11 02:01:11 2021
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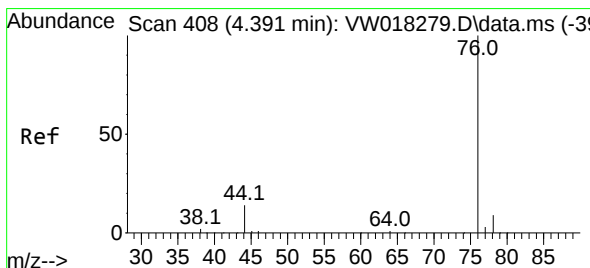
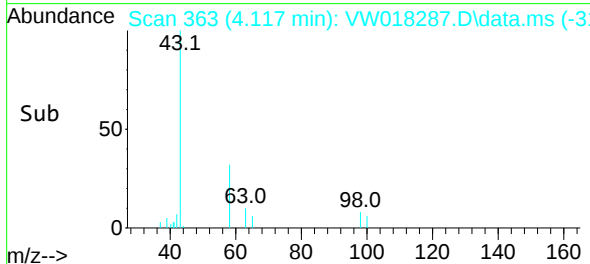
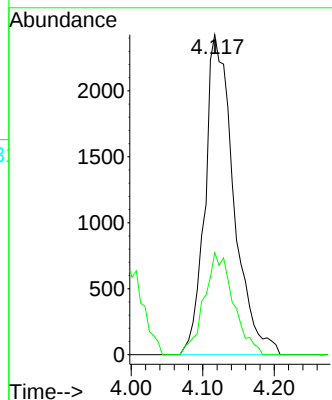
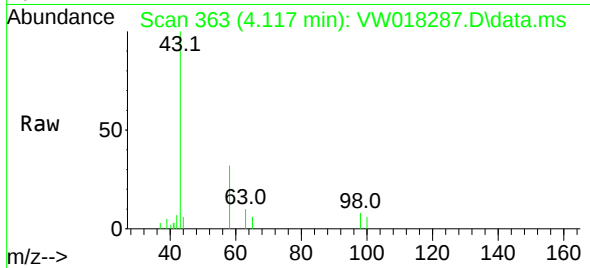
#13
Acetone
Concen: 13.14 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Tgt Ion: 43 Resp: 6765
Ion Ratio Lower Upper
43 100
58 32.4 0.0 62.2

Instrument :
MSVOA_W
ClientSampled :
BG570

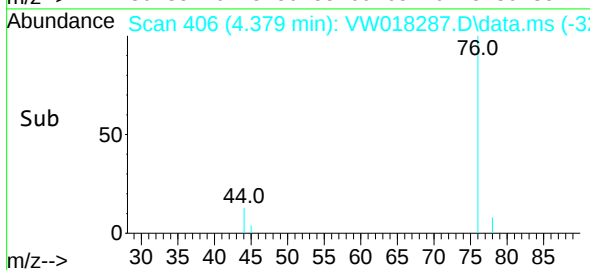
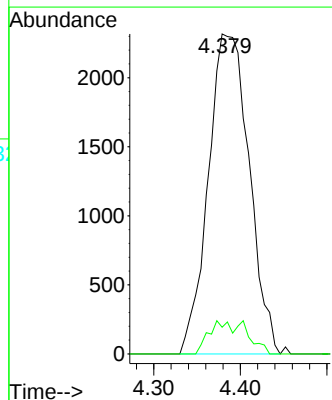
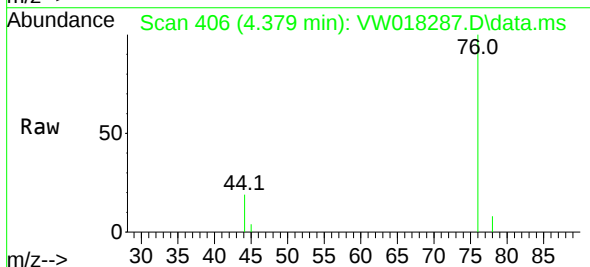
Manual Integrations
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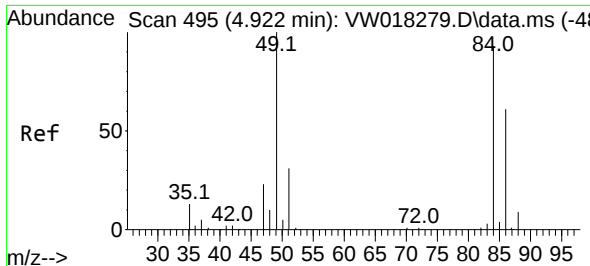
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#14
Carbon disulfide
Concen: 0.78 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.012 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Tgt Ion: 76 Resp: 7595
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2





#16
Methylene chloride
Concen: 4.68 ug/L m
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

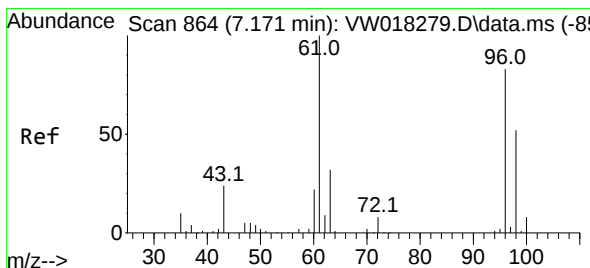
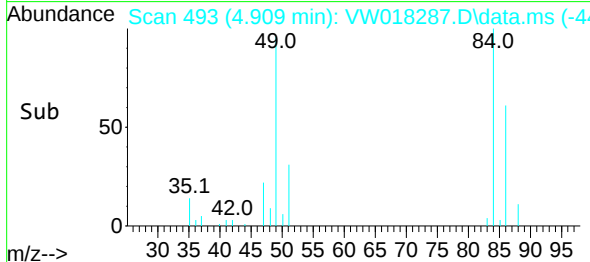
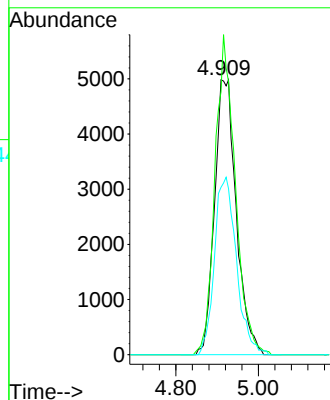
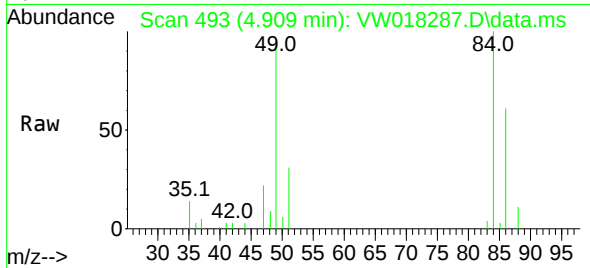
Tgt Ion: 84 Resp: 18257

Ion	Ratio	Lower	Upper
84	100		
49	95.6	74.4	138.2
86	60.9	46.1	85.7

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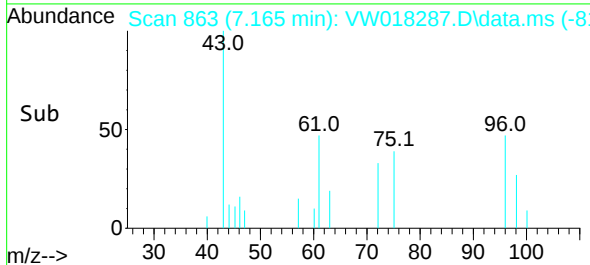
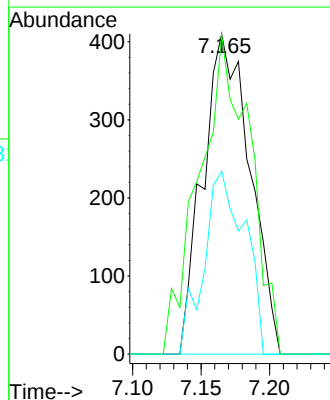
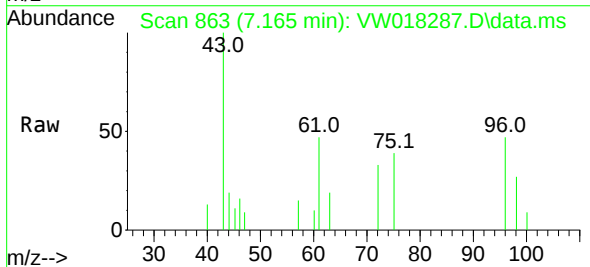
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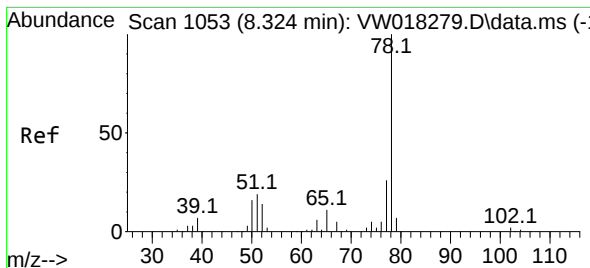


#22
cis-1,2-Dichloroethene
Concen: 0.26 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53

Tgt Ion: 96 Resp: 979

Ion	Ratio	Lower	Upper
96	100		
61	99.8	84.8	157.6
98	57.1	45.1	83.9





#34

Benzene

Concen: 0.37 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW018287.D

Acq: 10 Mar 2021 14:53

Tgt Ion: 78 Resp: 5047

Instrument :

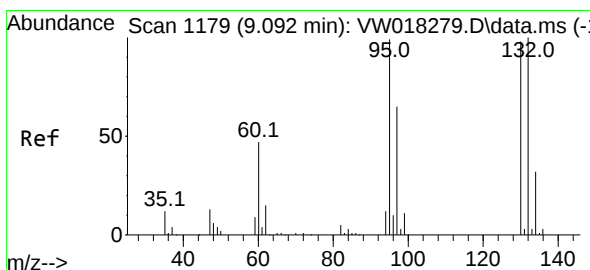
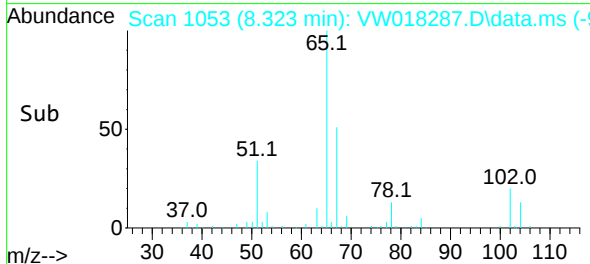
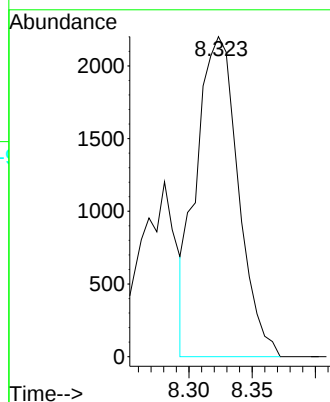
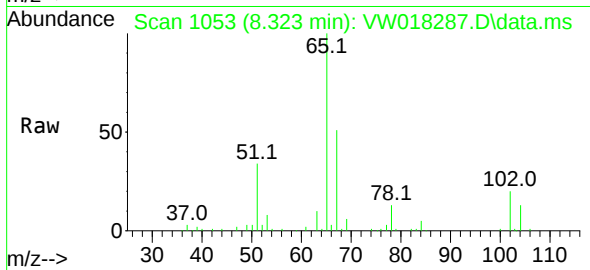
MSVOA_W

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#35

Trichloroethene

Concen: 6.38 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW018287.D

Acq: 10 Mar 2021 14:53

Tgt Ion: 95 Resp: 25256

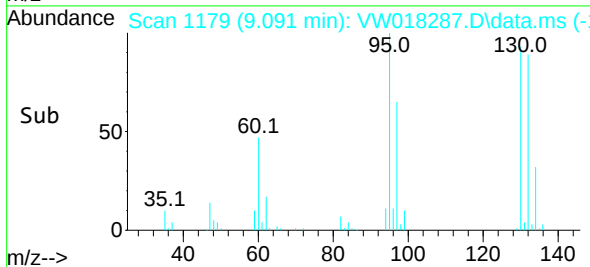
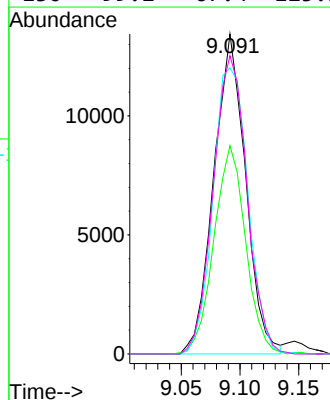
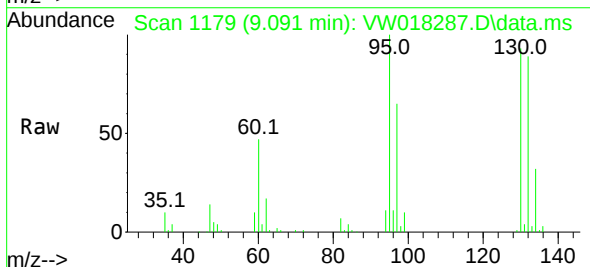
Ion Ratio Lower Upper

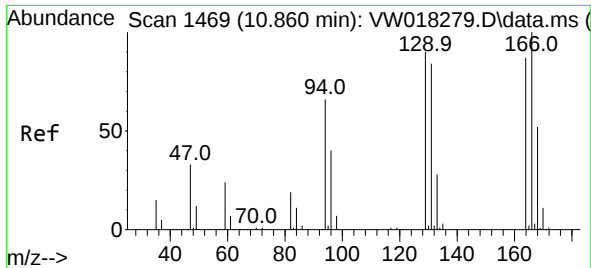
95 100

97 64.8 44.4 82.4

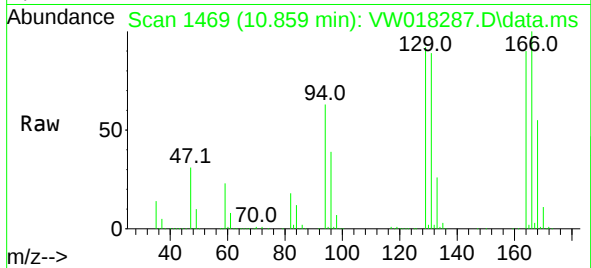
132 98.6 65.9 122.5

130 99.2 67.4 125.2

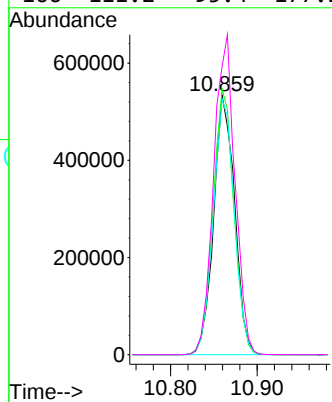
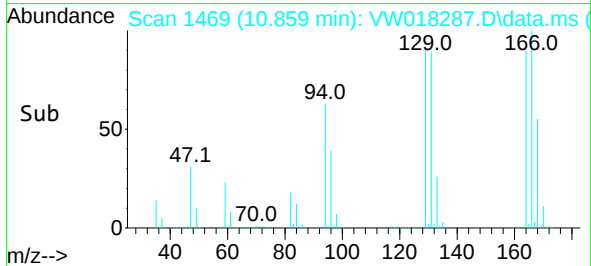




#47
Tetrachloroethene
Concen: 302.40 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018287.D
Acq: 10 Mar 2021 14:53



Tgt Ion:164 Resp: 895820
Ion Ratio Lower Upper
164 100
129 102.5 68.8 127.8
131 98.5 68.3 126.8
166 111.2 95.4 177.2



Instrument :
MSVOA_W
ClientSampleId :
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