

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018403.D
 Acq On : 19 Mar 2021 22:03
 Operator : SY/VA
 Sample : M1698-16
 Misc : 5.78G/10ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG4L4

Manual Integrations
 APPROVED

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 3/22/2021 4:14:34 PM

Quant Time: Mar 20 04:00:30 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	232781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	168929	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	49805	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	97065	29.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.84%			
7) Chloroethane-d5	2.891	69	87814	30.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 123.88%			
10) 1,1-Dichloroethene-d2	4.025	63	116682	20.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.44%			
20) 2-Butanone-d5	7.074	46	89015	123.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 246.86%#			
24) Chloroform-d	7.647	84	152391	25.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	8.305	65	97977	28.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.24%			
29) Benzene-d6	8.275	84	295653	32.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 131.68%			
33) 1,2-Dichloropropane-d6	9.274	67	86806	33.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 134.04%#			
37) Toluene-d8	10.323	98	248411	28.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.92%			
38) trans-1,3-Dichloroprop...	10.579	79	21609	16.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 64.68%			
39) 2-Hexanone-d5	10.921	63	52009	102.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 205.18%#			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	84099	36.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 145.16%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	48257	27.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.00%			
Target Compounds					Qvalue	
13) Acetone	4.117	43	40240	77.67	ug/L	99
14) Carbon disulfide	4.385	76	5073	0.58	ug/L #	85
16) Methylene chloride	4.922	84	15614	4.09	ug/L	91
21) 2-Butanone	7.171	43	10533	12.80	ug/L	83
22) cis-1,2-Dichloroethene	7.171	96	3721m	1.10	ug/L	
35) Trichloroethene	9.092	95	430228	159.17	ug/L	99
47) Tetrachloroethene	10.853	164	12675058m	6175.91	ug/L	
54) m,p-Xylene	11.841	106	1213	0.25	ug/L	73

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

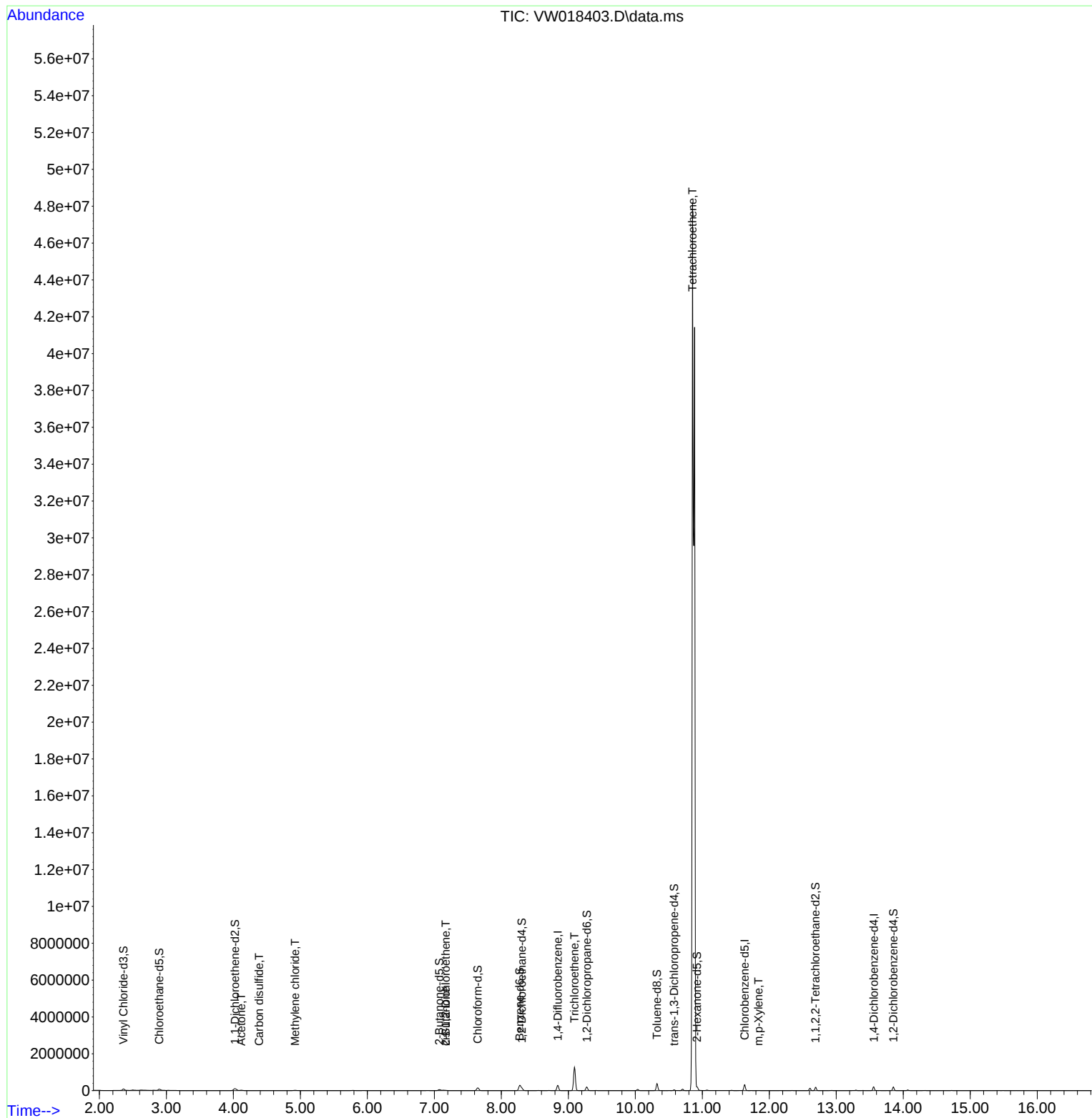
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018403.D
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Operator : SY/VA
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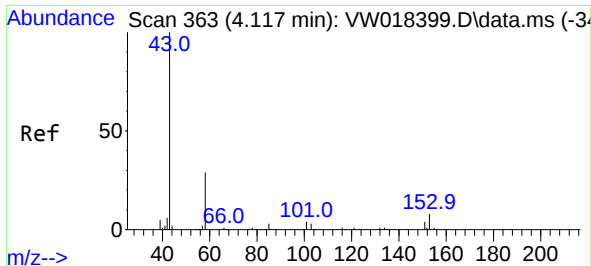
Instrument :
MSVOA_W
ClientSampleId :
BG4L4

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QLast Update : Sat Mar 20 03:58:53 2021
Response via : Initial Calibration





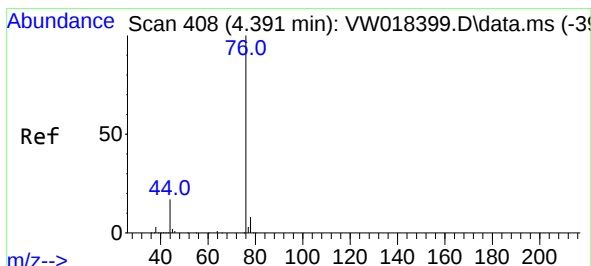
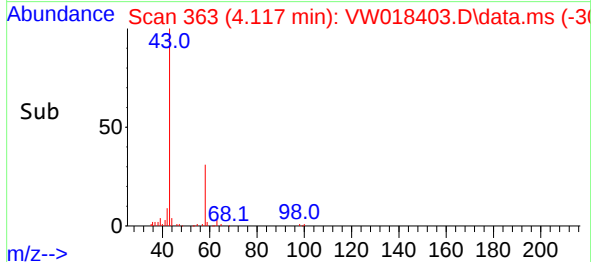
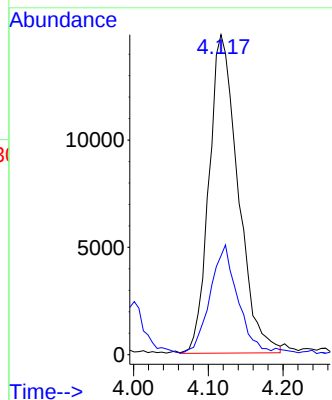
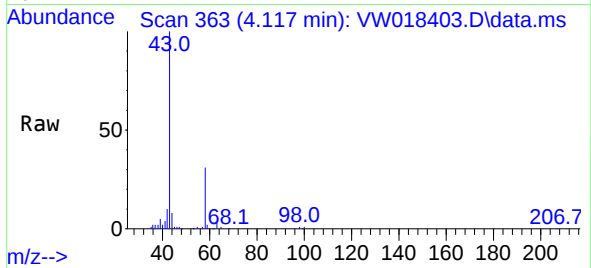
#13
Acetone
Concen: 77.67 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018403.D
Acq: 19 Mar 2021 22:03

Tgt Ion: 43 Resp: 40240
Ion Ratio Lower Upper
43 100
58 31.8 0.0 62.2

Instrument :
MSVOA_W
ClientSampleId :
BG4L4

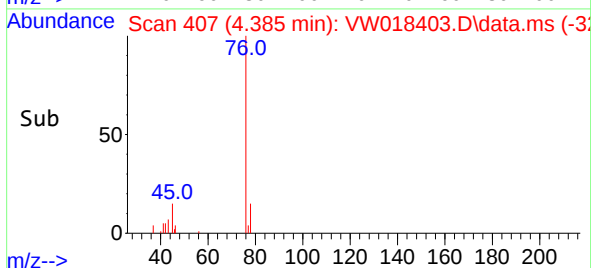
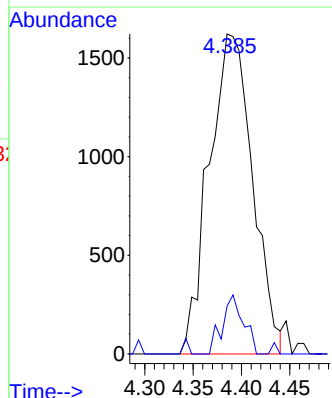
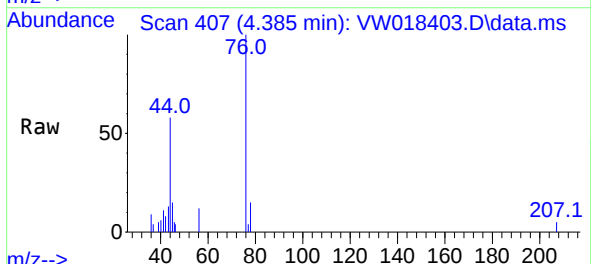
Manual Integrations
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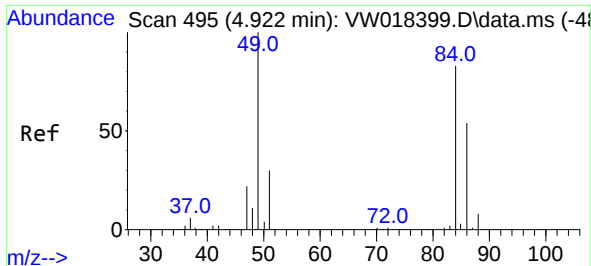
MMDadoda
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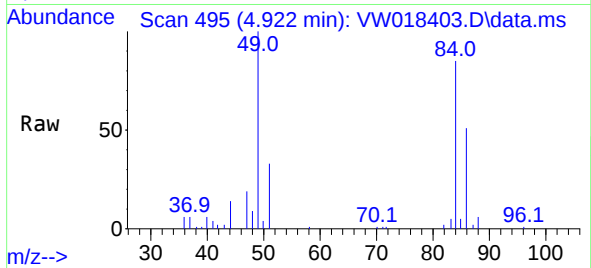
#14
Carbon disulfide
Concen: 0.58 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018403.D
Acq: 19 Mar 2021 22:03

Tgt Ion: 76 Resp: 5073
Ion Ratio Lower Upper
76 100
78 14.9 7.4 11.2#



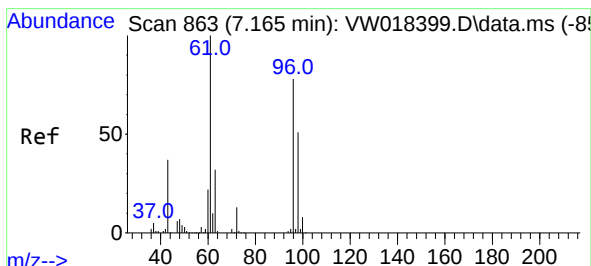
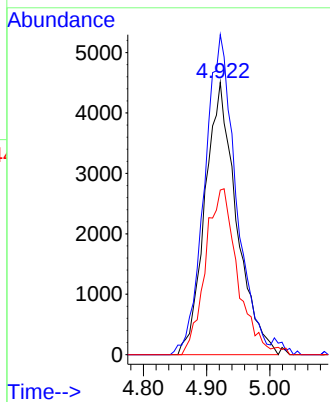
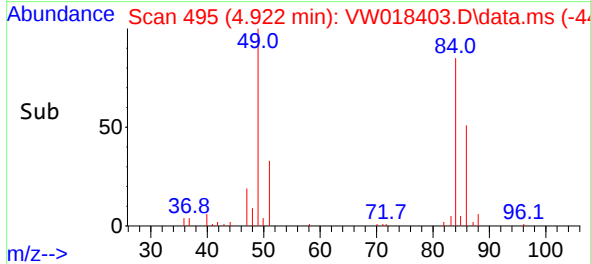


#16
Methylene chloride
Concen: 4.09 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018403.D
Acq: 19 Mar 2021 22:03

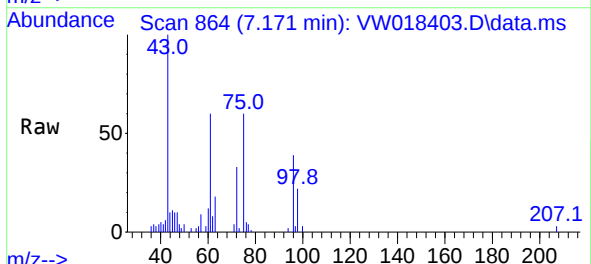


Tgt Ion: 84 Resp: 15614

Ion	Ratio	Lower	Upper
84	100		
49	117.5	74.4	138.2
86	60.5	46.1	85.7

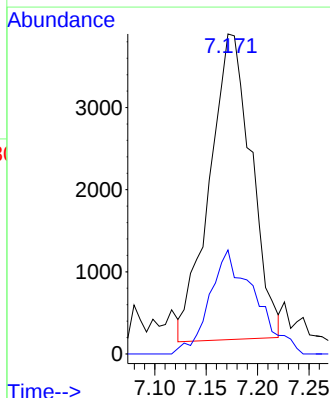
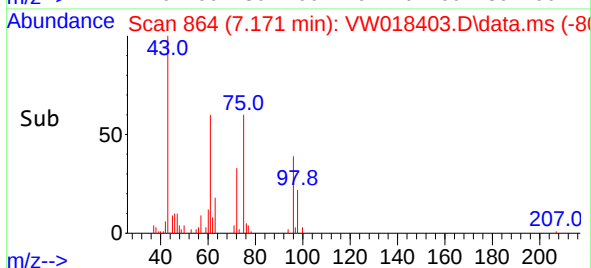


#21
2-Butanone
Concen: 12.80 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018403.D
Acq: 19 Mar 2021 22:03



Tgt Ion: 43 Resp: 10533

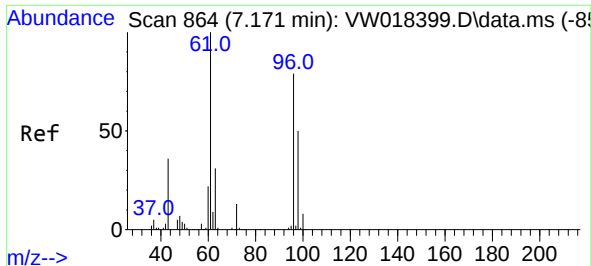
Ion	Ratio	Lower	Upper
43	100		
72	23.5	16.5	49.5



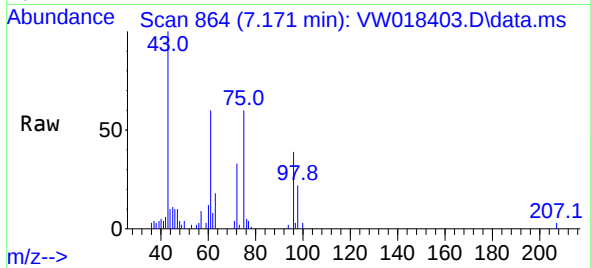
Instrument :
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ClientSampled :
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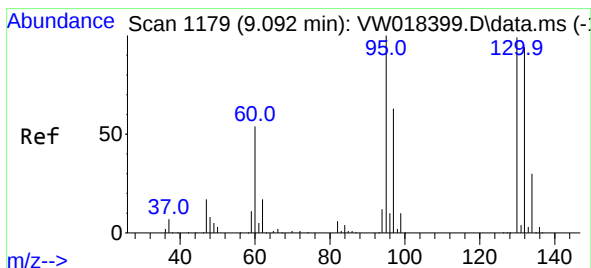
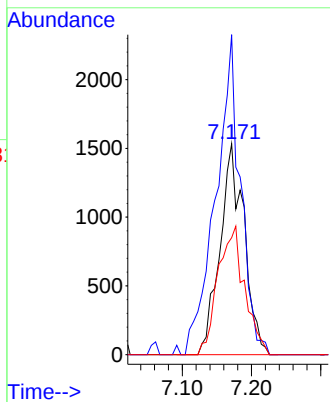
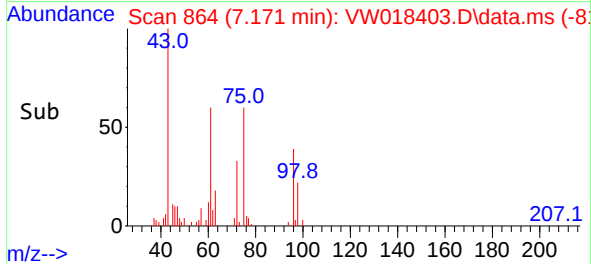


#22
cis-1,2-Dichloroethene
Concen: 1.10 ug/L m
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018403.D
Acq: 19 Mar 2021 22:03

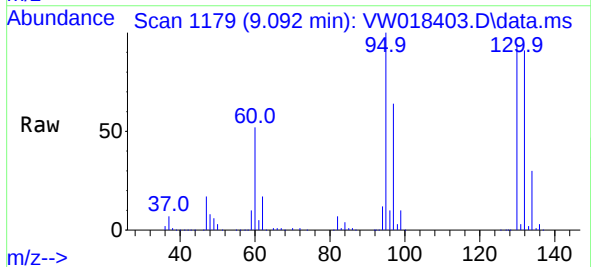


Tgt Ion: 96 Resp: 3721

Ion	Ratio	Lower	Upper
96	100		
61	151.8	84.8	157.6
98	55.4	45.1	83.9

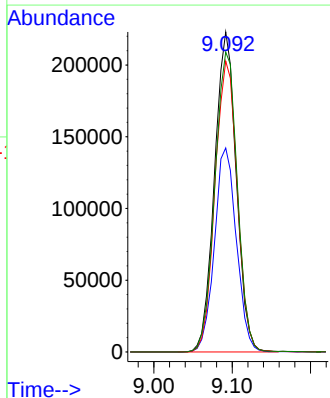
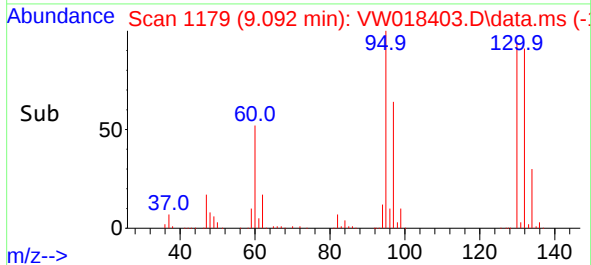


#35
Trichloroethene
Concen: 159.17 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018403.D
Acq: 19 Mar 2021 22:03



Tgt Ion: 95 Resp: 430228

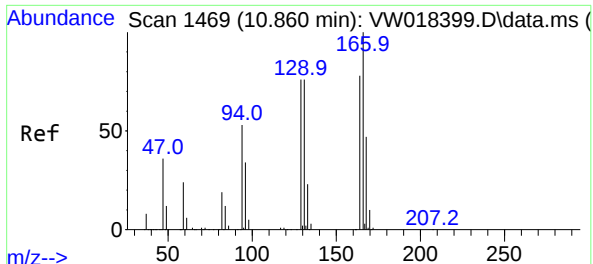
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.4	82.4
132	93.2	65.9	122.5
130	96.9	67.4	125.2



Instrument :
MSVOA_W
ClientSampled :
BG4L4

Manual Integrations
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#47

Tetrachloroethene

Concen: 6175.91 ug/L m

RT: 10.853 min Scan# 1468

Delta R.T. -0.006 min

Lab File: VW018403.D

Acq: 19 Mar 2021 22:03

Tgt Ion:164 Resp:12675058

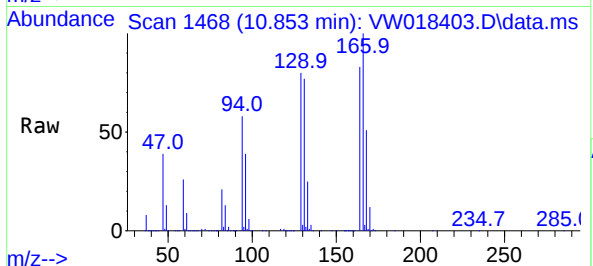
Ion Ratio Lower Upper

164 100

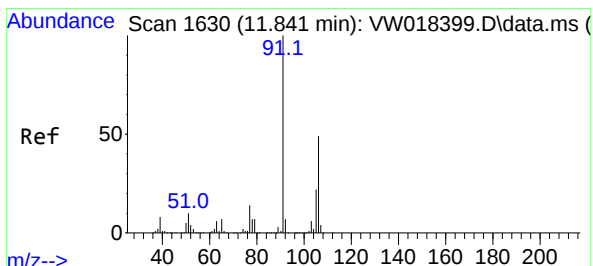
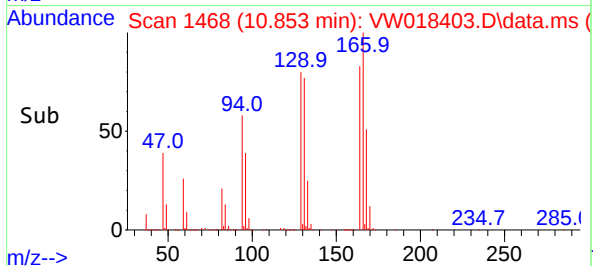
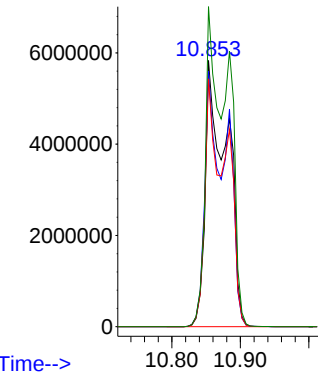
129 96.1 68.8 127.8

131 93.1 68.3 126.8

166 120.3 95.4 177.2



Abundance



#54

m,p-Xylene

Concen: 0.25 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VW018403.D

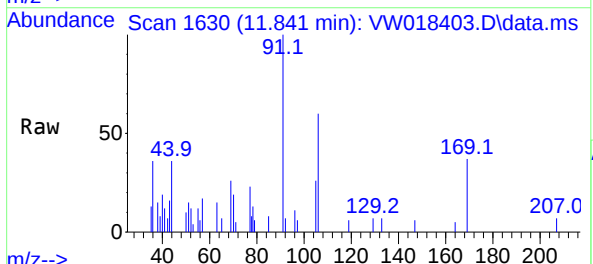
Acq: 19 Mar 2021 22:03

Tgt Ion:106 Resp: 1213

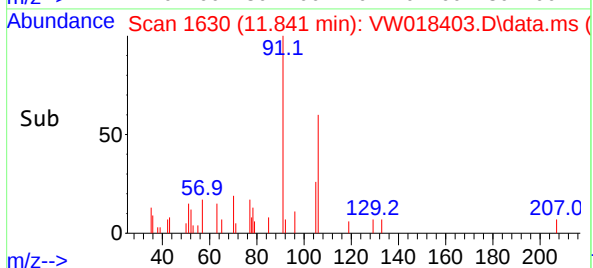
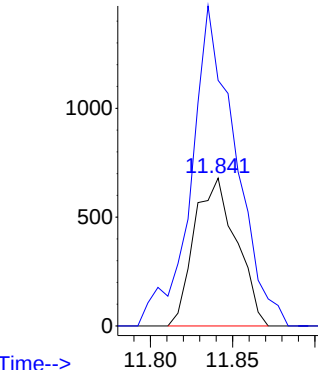
Ion Ratio Lower Upper

106 100

91 166.1 145.3 269.8



Abundance



Instrument :

MSVOA_W

ClientSampled :

BG4L4

Manual Integrations

APPROVED

MMDadoda

3/22/2021 4:14:34 PM