

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040621\
 Data File : VW018564.D
 Acq On : 06 Apr 2021 14:18
 Operator : SY/VA
 Sample : M1896-19
 Misc : 5.94G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A5

Manual Integrations
 APPROVED

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 4/7/2021 5:17:28 PM

Quant Time: Apr 07 01:14:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 01:12:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	356157	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	272034	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	79557	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	123611	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.76%		
7) Chloroethane-d5	2.891	69	96253	22.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.76%		
10) 1,1-Dichloroethene-d2	4.019	63	130838	15.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.16%		
20) 2-Butanone-d5	7.080	46	82720	74.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	149.94%#		
24) Chloroform-d	7.653	84	202524	22.33	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.32%		
26) 1,2-Dichloroethane-d4	8.305	65	134072m	25.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.28%		
29) Benzene-d6	8.275	84	383376	26.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	106.04%		
33) 1,2-Dichloropropane-d6	9.274	67	114537	27.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.84%		
37) Toluene-d8	10.323	98	334459	24.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.08%		
38) trans-1,3-Dichloroprop...	10.579	79	43846	20.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.52%		
39) 2-Hexanone-d5	10.927	63	61198	74.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	149.92%#		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	115409	30.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.72%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	60798	21.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.00%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	17824	22.49	ug/L	99
16) Methylene chloride	4.915	84	6242m	1.07	ug/L	
22) cis-1,2-Dichloroethene	7.171	96	82772	15.94	ug/L	95
34) Benzene	8.329	78	14664	0.93	ug/L	100
35) Trichloroethene	9.092	95	2704	0.62	ug/L	95
44) Toluene	10.390	91	5357	0.30	ug/L	79
47) Tetrachloroethene	10.859	164	10847	3.28	ug/L	92

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

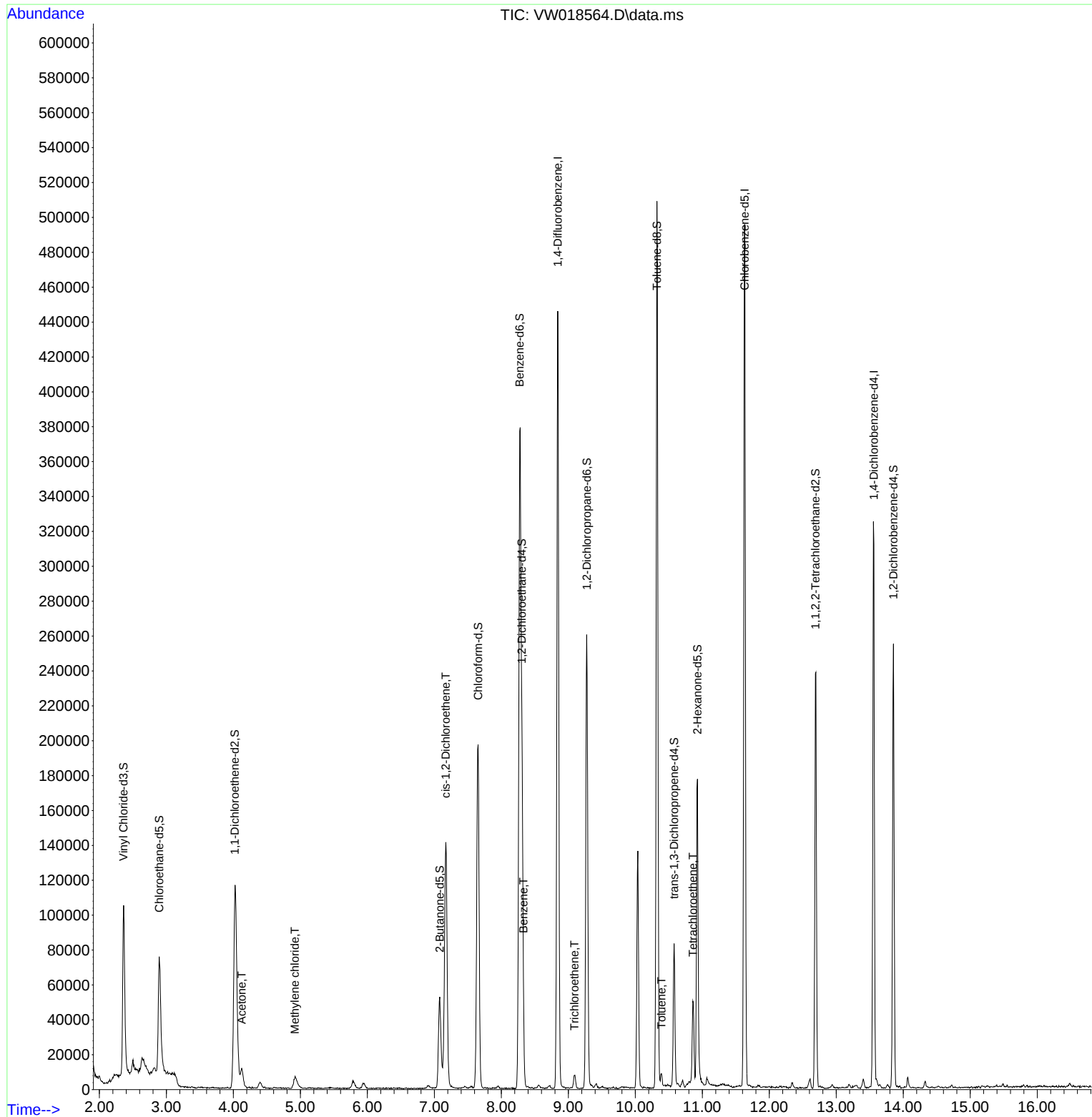
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040621\
Data File : VW018564.D
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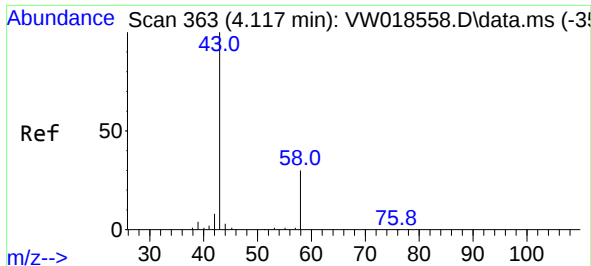
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Quant Time: Apr 07 01:14:34 2021
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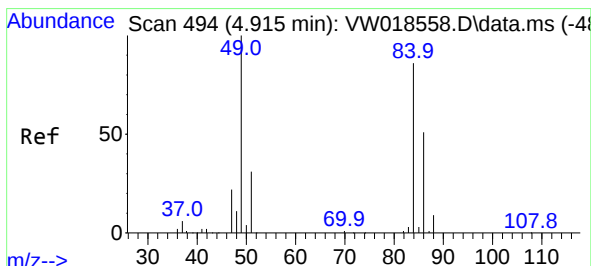
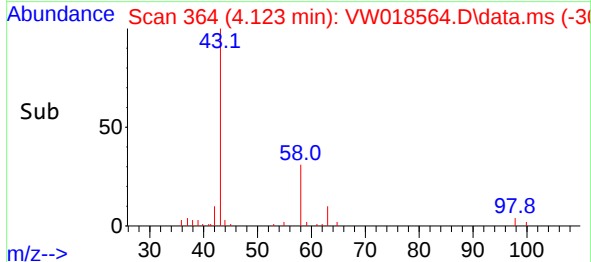
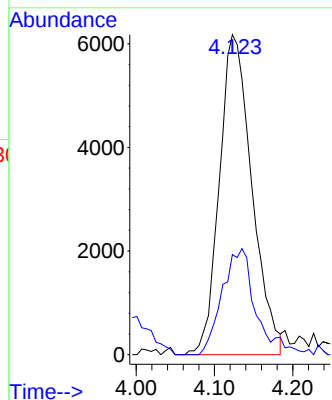
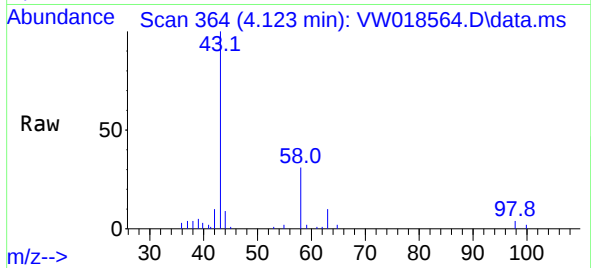
#13
Acetone
Concen: 22.49 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018564.D
Acq: 06 Apr 2021 14:18

Tgt Ion: 43 Resp: 17824
Ion Ratio Lower Upper
43 100
58 31.7 0.0 62.2

Instrument :
MSVOA_W
ClientSampled :
BG5A5

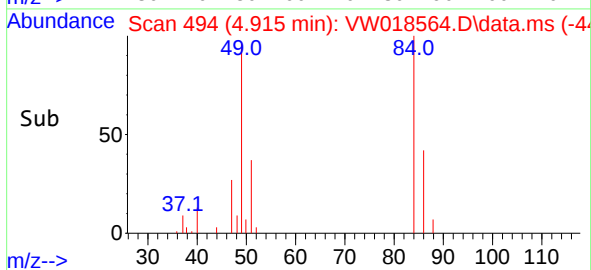
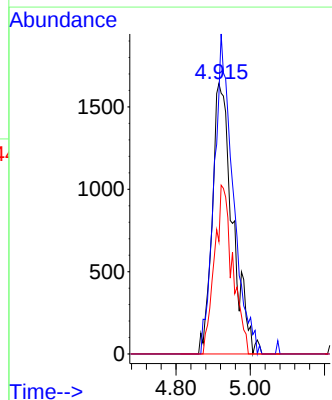
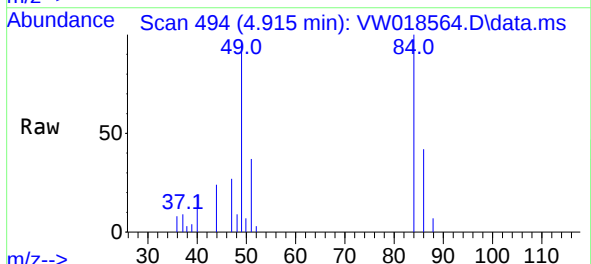
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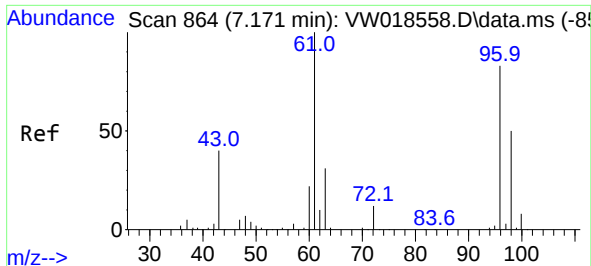
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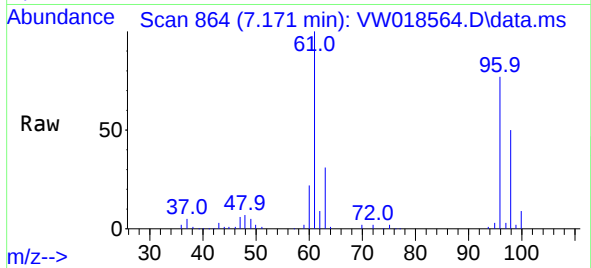
#16
Methylene chloride
Concen: 1.07 ug/L m
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018564.D
Acq: 06 Apr 2021 14:18

Tgt Ion: 84 Resp: 6242
Ion Ratio Lower Upper
84 100
49 96.0 74.4 138.2
86 41.6 46.1 85.7#



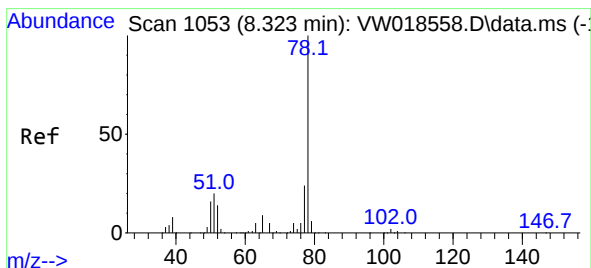
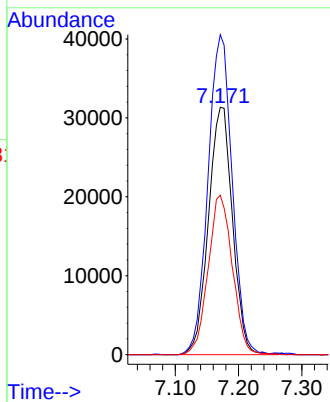
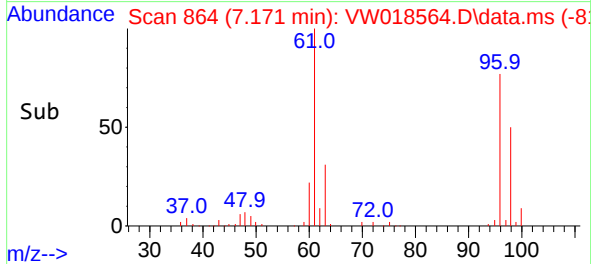


#22
cis-1,2-Dichloroethene
Concen: 15.94 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018564.D
Acq: 06 Apr 2021 14:18



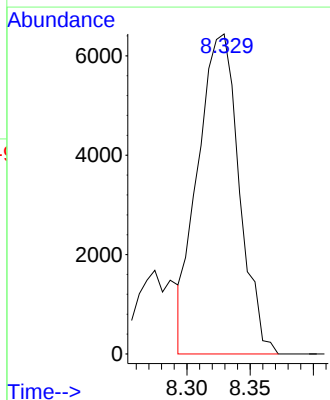
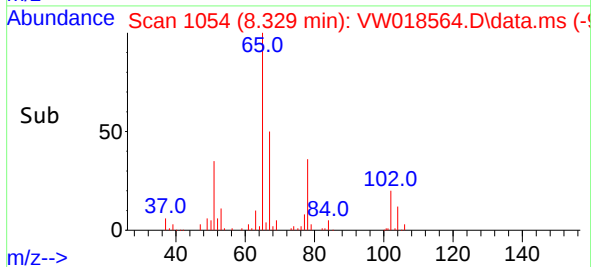
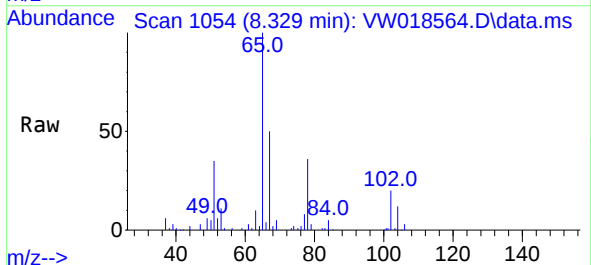
Tgt Ion: 96 Resp: 82772

Ion	Ratio	Lower	Upper
96	100		
61	129.4	84.8	157.6
98	64.4	45.1	83.9



#34
Benzene
Concen: 0.93 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018564.D
Acq: 06 Apr 2021 14:18

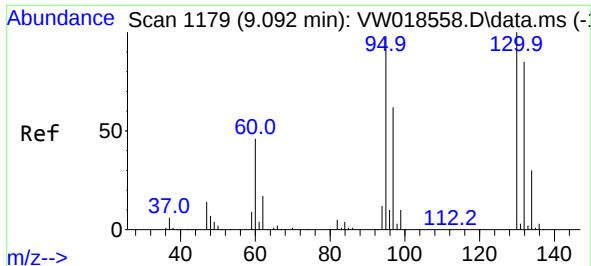
Tgt Ion: 78 Resp: 14664



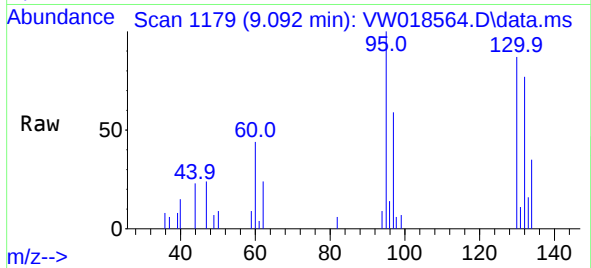
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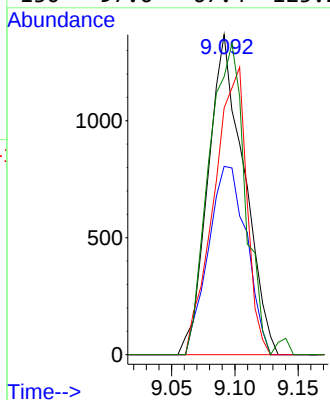


#35
Trichloroethene
Concen: 0.62 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018564.D
Acq: 06 Apr 2021 14:18



Tgt Ion: 95 Resp: 2704

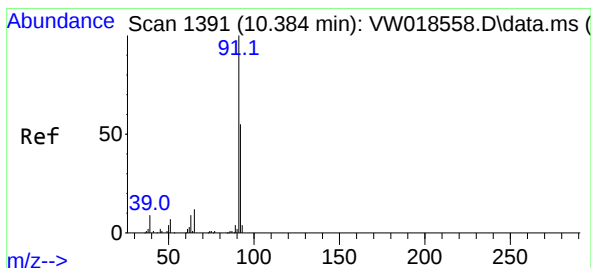
Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.4	82.4
132	82.0	65.9	122.5
130	97.6	67.4	125.2



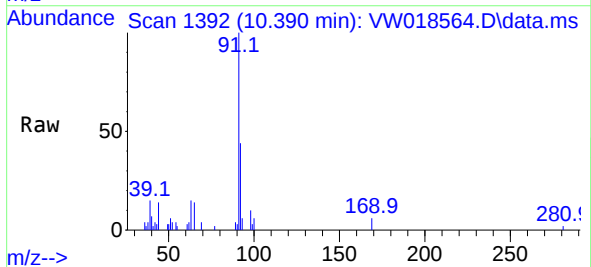
Instrument :
MSVOA_W
ClientSampleId :
BG5A5

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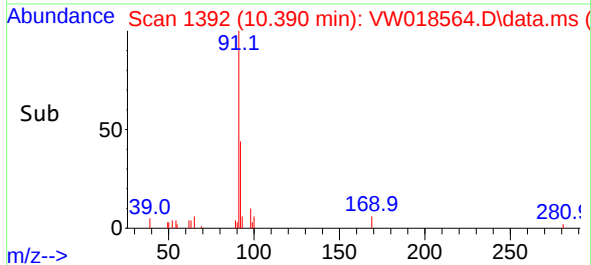
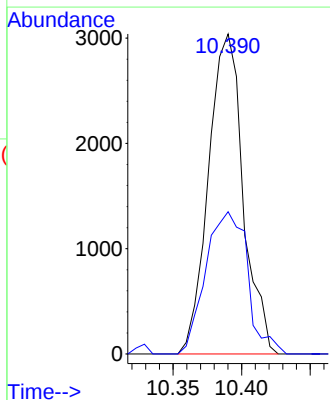


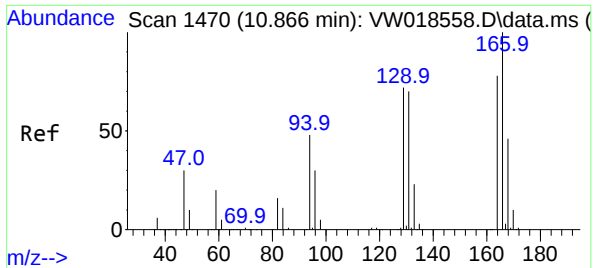
#44
Toluene
Concen: 0.30 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018564.D
Acq: 06 Apr 2021 14:18



Tgt Ion: 91 Resp: 5357

Ion	Ratio	Lower	Upper
91	100		
92	44.5	42.3	78.5





#47
Tetrachloroethene
Concen: 3.28 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018564.D
Acq: 06 Apr 2021 14:18

Tgt Ion:	164	Resp:	10847
Ion	Ratio	Lower	Upper
164	100		
129	100.1	68.8	127.8
131	87.6	68.3	126.8
166	122.3	95.4	177.2

Instrument :
MSVOA_W
ClientSampleId :
BG5A5

Manual Integrations
APPROVED

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4/7/2021 5:17:28 PM

