

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018583.D
 Acq On : 07 Apr 2021 16:06
 Operator : SY/VA
 Sample : M1881-11
 Misc : 4.61G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG8

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 9:27:38 AM

Quant Time: Apr 08 05:37:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	530219	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	431352	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	171020	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	147752	20.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.12%		
7) Chloroethane-d5	2.891	69	119489	18.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.00%		
10) 1,1-Dichloroethene-d2	4.019	63	172319	13.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.12%		
20) 2-Butanone-d5	7.080	46	61380	37.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.74%		
24) Chloroform-d	7.647	84	255001	18.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.52%		
26) 1,2-Dichloroethane-d4	8.305	65	155696m	19.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.00%		
29) Benzene-d6	8.275	84	496214	21.64	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.56%		
33) 1,2-Dichloropropane-d6	9.274	67	146850	22.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.80%		
37) Toluene-d8	10.323	98	458567	20.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.08%		
38) trans-1,3-Dichloroprop...	10.579	79	56150	16.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.84%		
39) 2-Hexanone-d5	10.927	63	48930	37.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.60%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	120170	20.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.24%		
61) 1,2-Dichlorobenzene-d4	13.853	152	120162	19.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.04%		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	7969	0.79	ug/L #	63
13) Acetone	4.135	43	12328	10.45	ug/L	71
16) Methylene chloride	4.928	84	9328m	1.07	ug/L	
21) 2-Butanone	7.183	43	4527	2.41	ug/L	84
22) cis-1,2-Dichloroethene	7.171	96	7057	0.91	ug/L	95
35) Trichloroethene	9.092	95	2919	0.42	ug/L	99
44) Toluene	10.390	91	8238	0.29	ug/L	96
47) Tetrachloroethene	10.860	164	1610	0.31	ug/L #	64

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

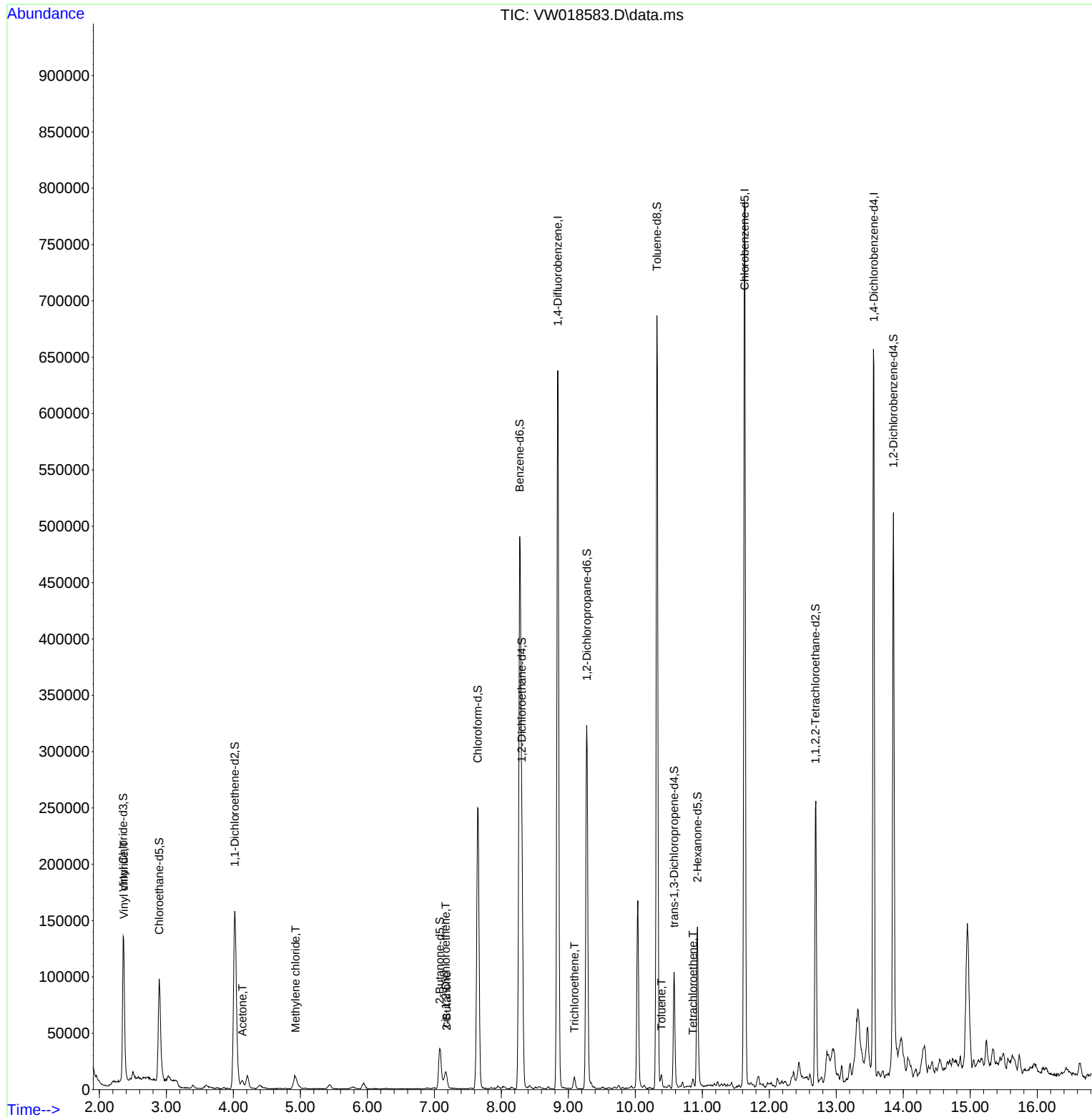
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018583.D
Acq On : 07 Apr 2021 16:06
Operator : SY/VA
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ALS Vial : 16 Sample Multiplier: 1

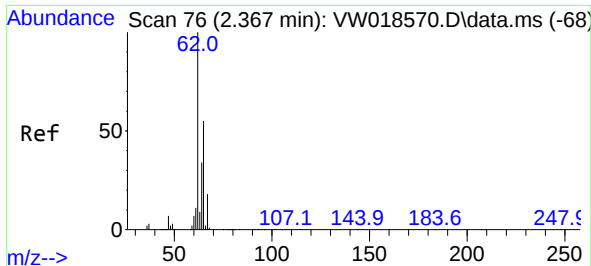
Instrument :
MSVOA_W
ClientSampleId :
ESQG8

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Quant Time: Apr 08 05:37:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 08 05:34:15 2021
Response via : Initial Calibration





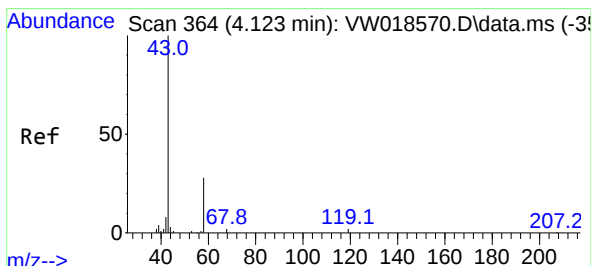
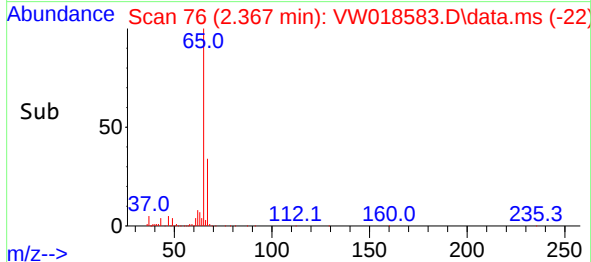
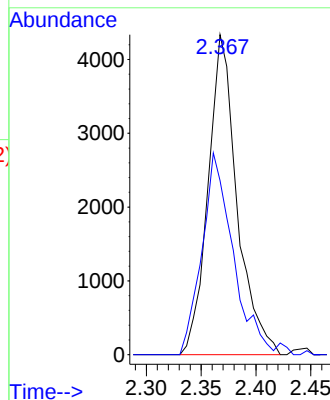
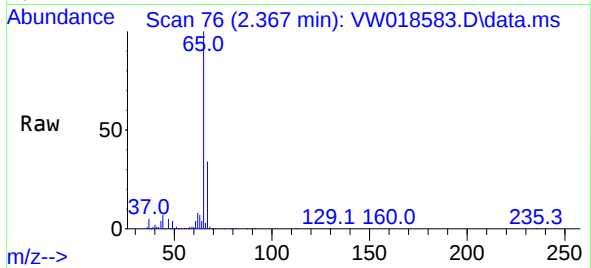
#5
 Vinyl chloride
 Concen: 0.79 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018583.D
 Acq: 07 Apr 2021 16:06

Tgt Ion: 62 Resp: 7969
 Ion Ratio Lower Upper
 62 100
 64 54.4 23.5 43.7#

Instrument :
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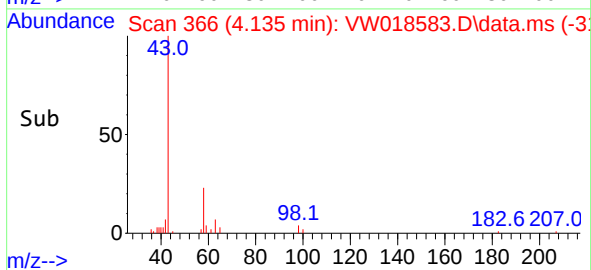
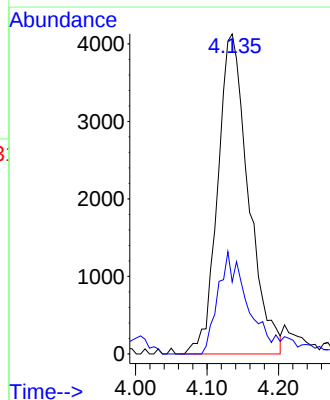
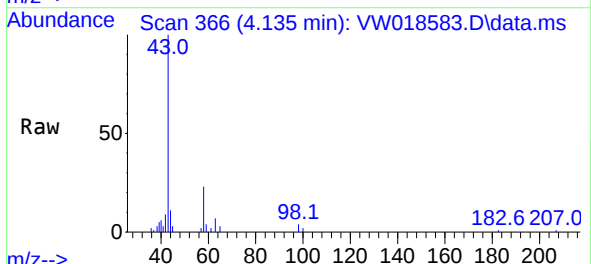
Manual Integrations
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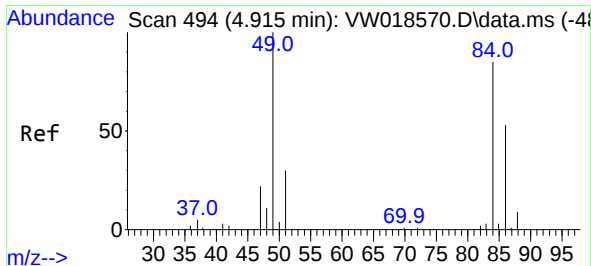
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#13
 Acetone
 Concen: 10.45 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. 0.012 min
 Lab File: VW018583.D
 Acq: 07 Apr 2021 16:06

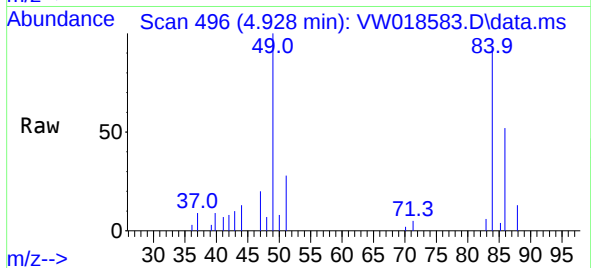
Tgt Ion: 43 Resp: 12328
 Ion Ratio Lower Upper
 43 100
 58 15.2 0.0 62.2





#16
Methylene chloride
Concen: 1.07 ug/L m
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018583.D
Acq: 07 Apr 2021 16:06

Instrument :
MSVOA_W
ClientSampled :
ESQG8

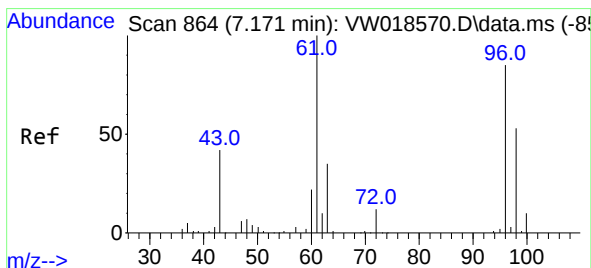
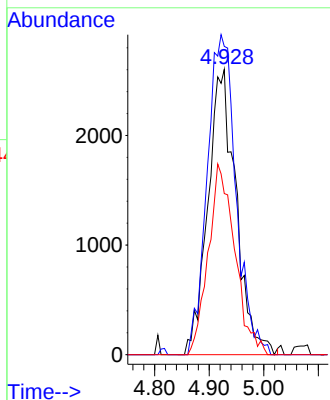
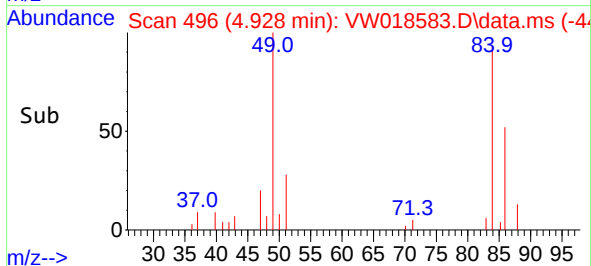


Tgt Ion: 84 Resp: 9328

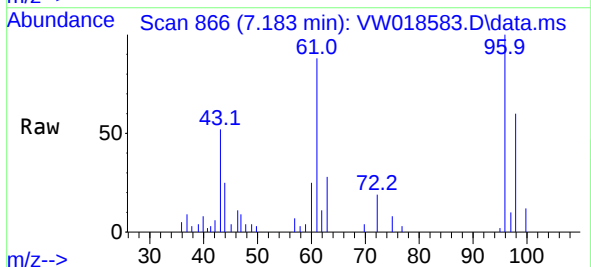
Ion	Ratio	Lower	Upper
84	100		
49	108.1	74.4	138.2
86	56.5	46.1	85.7

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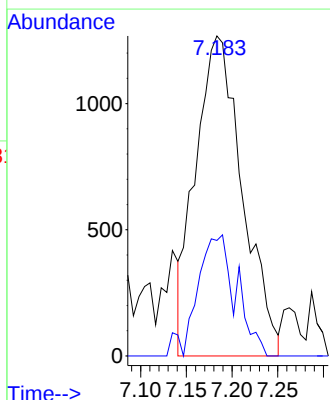
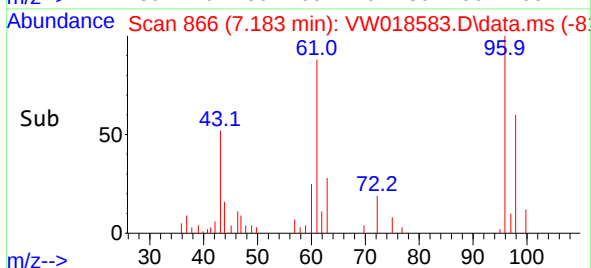


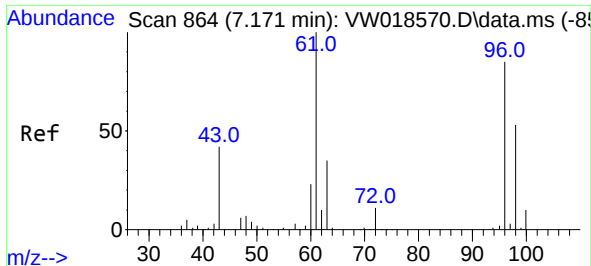
#21
2-Butanone
Concen: 2.41 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW018583.D
Acq: 07 Apr 2021 16:06



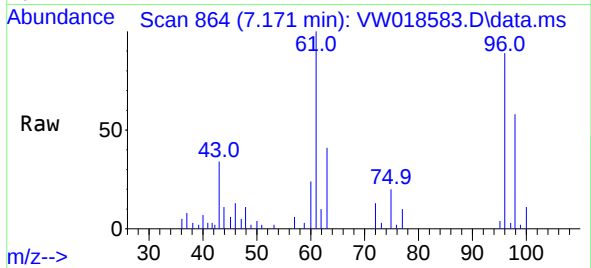
Tgt Ion: 43 Resp: 4527

Ion	Ratio	Lower	Upper
43	100		
72	24.1	16.5	49.5



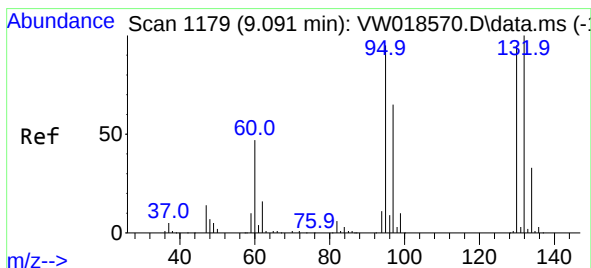
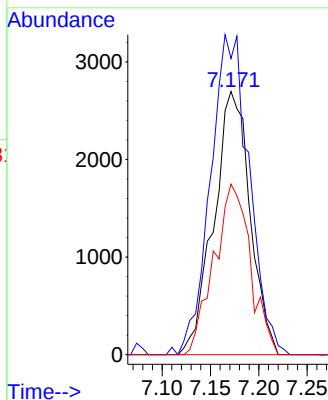
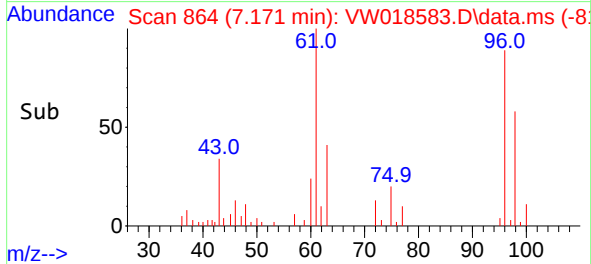


#22
cis-1,2-Dichloroethene
Concen: 0.91 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018583.D
Acq: 07 Apr 2021 16:06

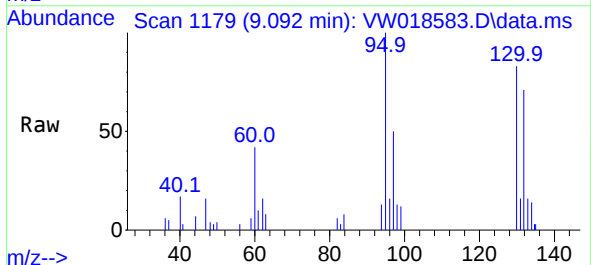


Tgt Ion: 96 Resp: 7057

Ion	Ratio	Lower	Upper
96	100		
61	112.5	84.8	157.6
98	64.8	45.1	83.9

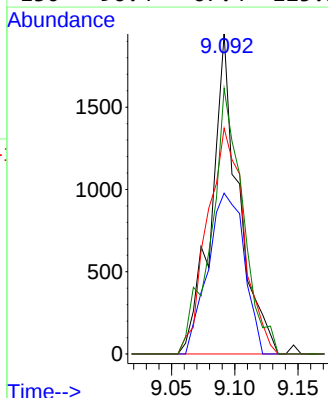
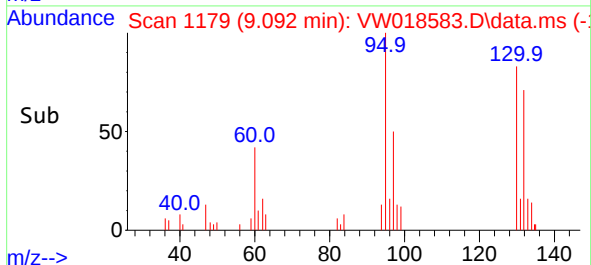


#35
Trichloroethene
Concen: 0.42 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018583.D
Acq: 07 Apr 2021 16:06



Tgt Ion: 95 Resp: 2919

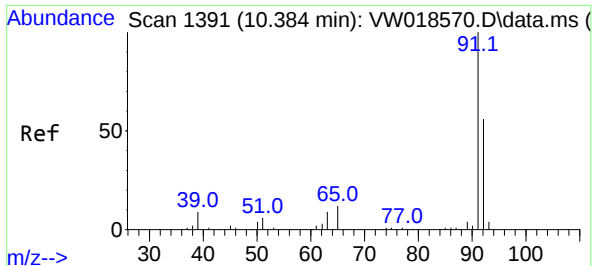
Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.4	82.4
132	94.2	65.9	122.5
130	96.4	67.4	125.2



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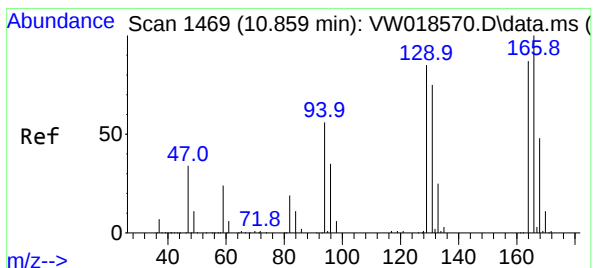
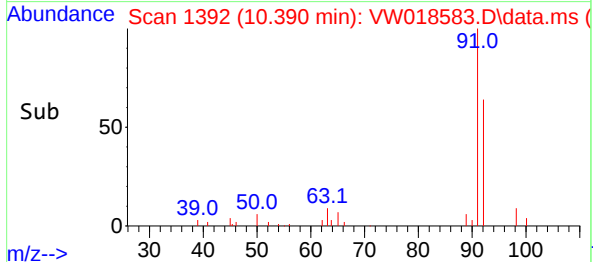
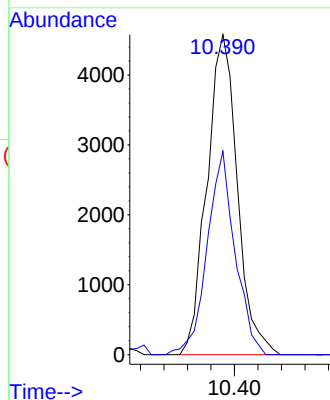
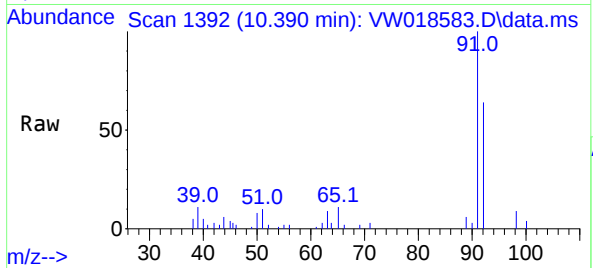
#44
Toluene
Concen: 0.29 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018583.D
Acq: 07 Apr 2021 16:06

Tgt Ion: 91 Resp: 8238
Ion Ratio Lower Upper
91 100
92 63.5 42.3 78.5

Instrument :
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ClientSampled :
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#47
Tetrachloroethene
Concen: 0.31 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018583.D
Acq: 07 Apr 2021 16:06

Tgt Ion:164 Resp: 1610
Ion Ratio Lower Upper
164 100
129 78.7 68.8 127.8
131 51.7 68.3 126.8#
166 89.0 95.4 177.2#

