

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018401.D
 Acq On : 19 Mar 2021 21:16
 Operator : SY/VA
 Sample : M1698-13
 Misc : 5.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG4L1

Manual Integrations
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 3/22/2021 4:14:31 PM

Quant Time: Mar 20 03:59:41 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	200208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	88335	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	14914	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128528	46.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	184.52%#		
7) Chloroethane-d5	2.891	69	119386	48.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	195.80%#		
10) 1,1-Dichloroethene-d2	4.025	63	133291	27.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	110.84%#		
20) 2-Butanone-d5	7.074	46	83024	133.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	267.70%#		
24) Chloroform-d	7.647	84	176602	34.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	138.52%		
26) 1,2-Dichloroethane-d4	8.305	65	127688	42.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	171.56%#		
29) Benzene-d6	8.275	84	299257	63.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	254.92%#		
33) 1,2-Dichloropropane-d6	9.274	67	89844	66.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	265.32%#		
37) Toluene-d8	10.323	98	171376	37.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	151.60%#		
38) trans-1,3-Dichloroprop...	10.579	79	29210	41.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	167.24%#		
39) 2-Hexanone-d5	10.927	63	43778	165.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	330.28%#		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	46101	38.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	152.20%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	12739	24.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.12%		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	4705	1.24	ug/L #	1
12) 1,1-Dichloroethene	4.044	96	20255	8.06	ug/L #	1
13) Acetone	4.123	43	65899	147.89	ug/L	98
14) Carbon disulfide	4.391	76	7581m	1.00	ug/L	
16) Methylene chloride	4.915	84	26111	7.95	ug/L	97
17) Methyl tert-butyl Ether	5.428	73	120308	32.77	ug/L	97
18) trans-1,2-Dichloroethene	5.434	96	28932	10.43	ug/L	87
21) 2-Butanone	7.165	43	21662	30.60	ug/L	93
22) cis-1,2-Dichloroethene	7.171	96	177508	60.83	ug/L	98
34) Benzene	8.323	78	160328	31.34	ug/L	100
35) Trichloroethene	9.091	95	1605350	1135.83	ug/L	99
44) Toluene	10.384	91	2289	0.39	ug/L	94
47) Tetrachloroethene	10.866	164	5012006	4670.18	ug/L	97

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

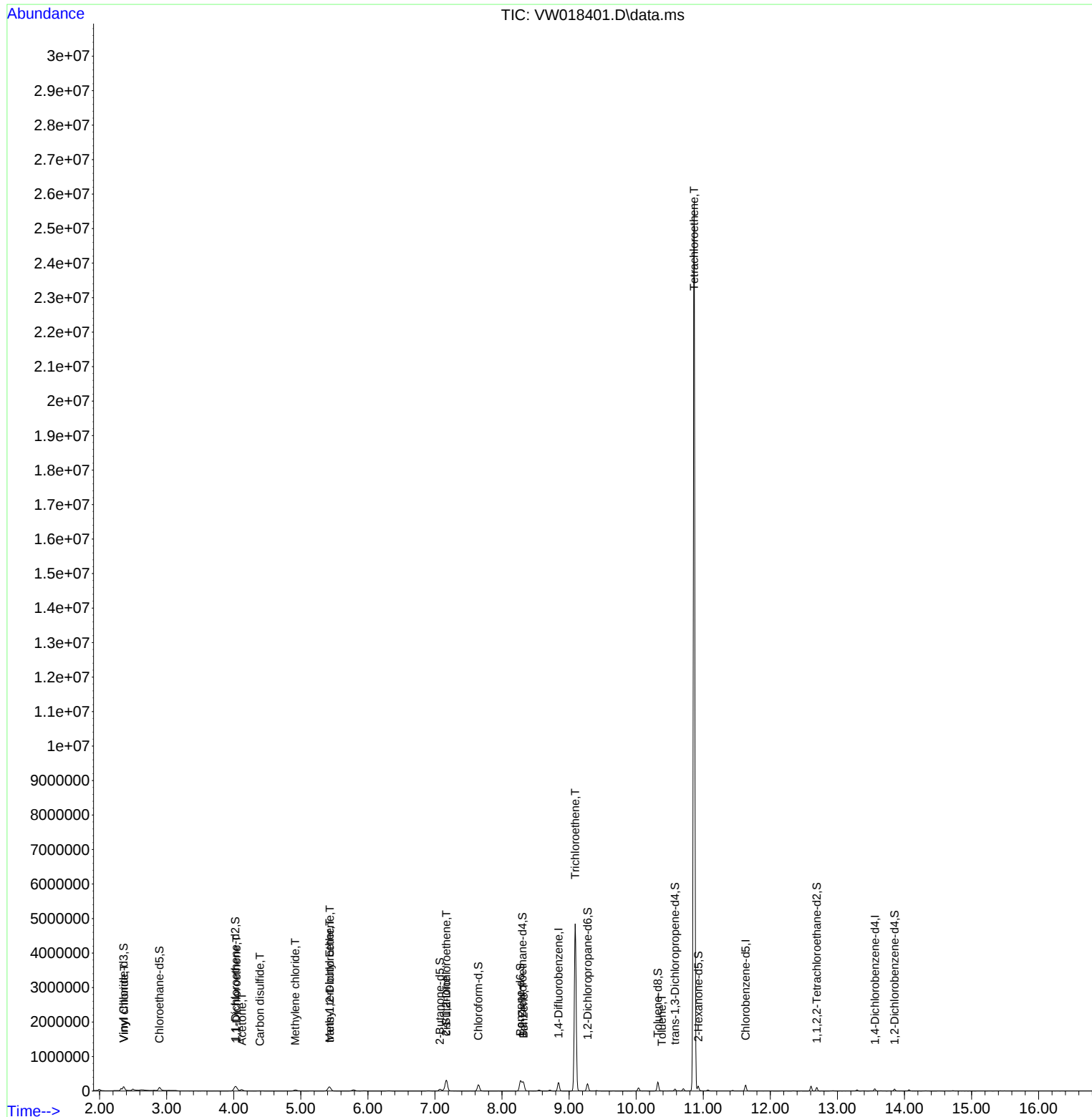
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
Data File : VW018401.D
Acq On : 19 Mar 2021 21:16
Operator : SY/VA
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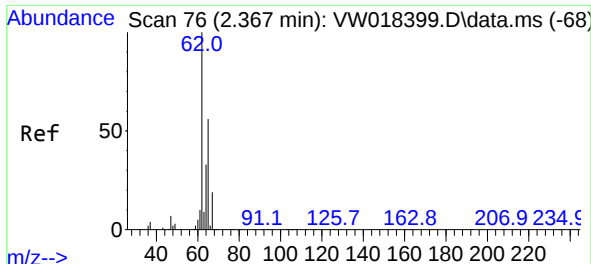
Instrument :
MSVOA_W
ClientSampleId :
BG4L1

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Quant Time: Mar 20 03:59:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
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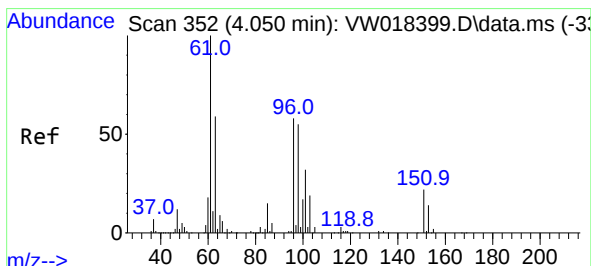
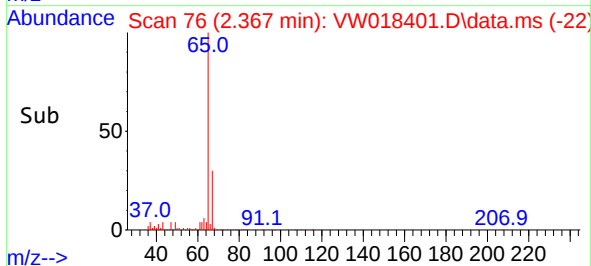
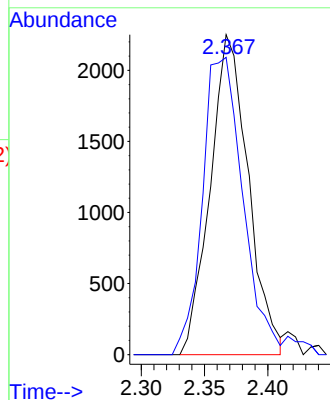
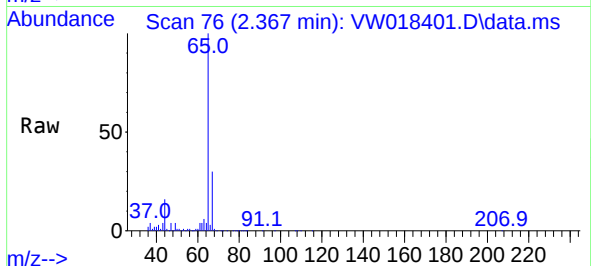
#5
 Vinyl chloride
 Concen: 1.24 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018401.D
 Acq: 19 Mar 2021 21:16

Tgt Ion: 62 Resp: 4705
 Ion Ratio Lower Upper
 62 100
 64 92.9 23.5 43.7#

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4L1

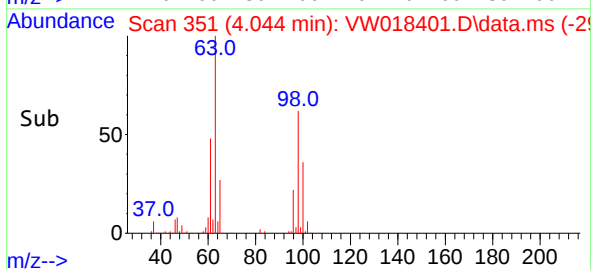
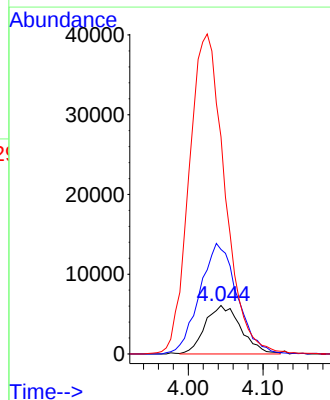
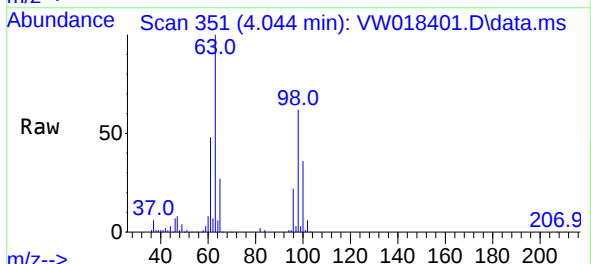
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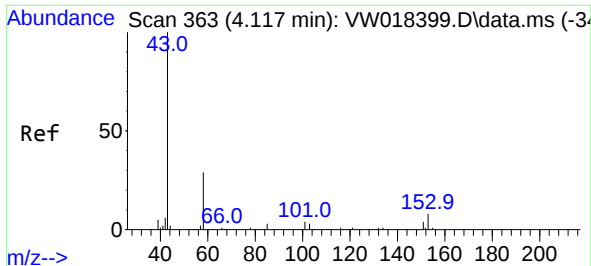
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#12
 1,1-Dichloroethene
 Concen: 8.06 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW018401.D
 Acq: 19 Mar 2021 21:16

Tgt Ion: 96 Resp: 20255
 Ion Ratio Lower Upper
 96 100
 61 215.7 118.6 220.2
 63 447.9 82.4 153.0#





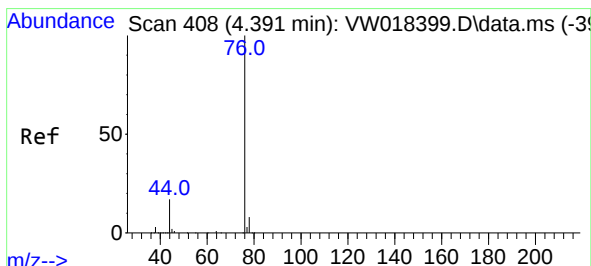
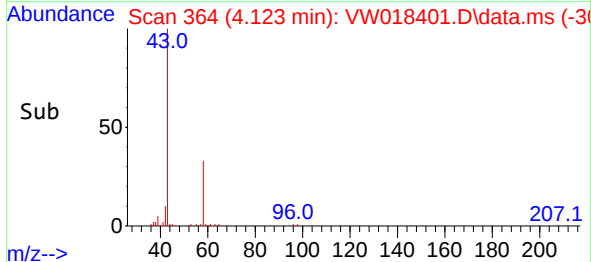
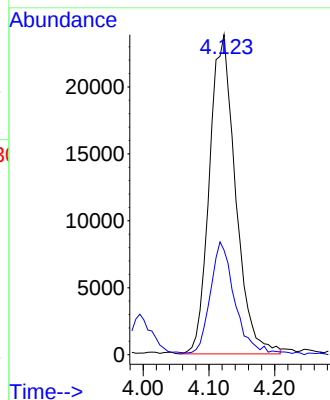
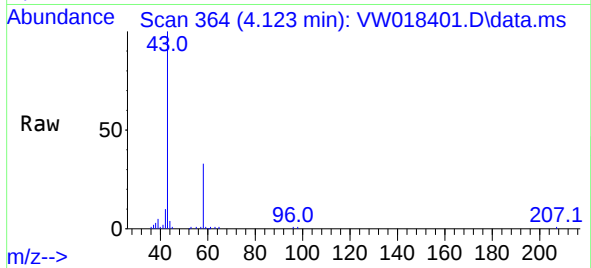
#13
Acetone
Concen: 147.89 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16

Tgt Ion: 43 Resp: 65899
Ion Ratio Lower Upper
43 100
58 32.5 0.0 62.2

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

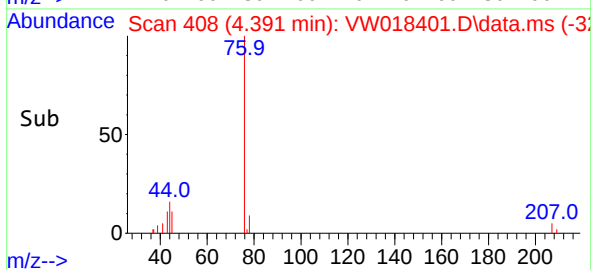
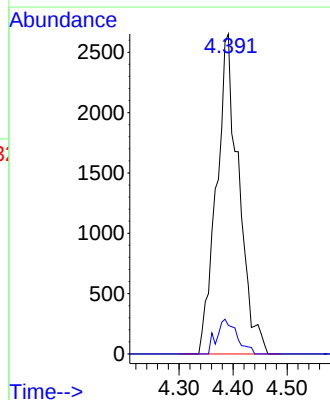
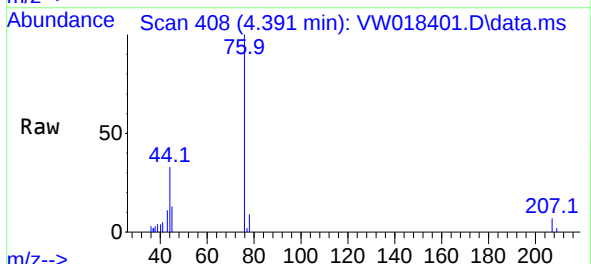
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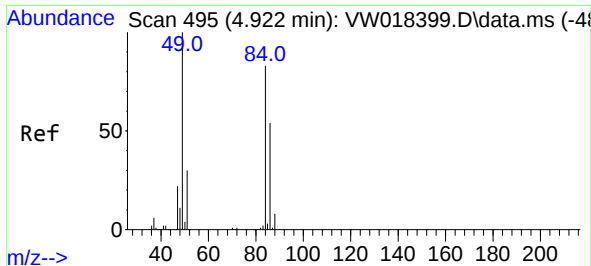
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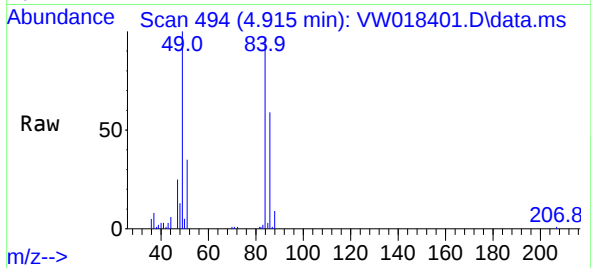
#14
Carbon disulfide
Concen: 1.00 ug/L m
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16

Tgt Ion: 76 Resp: 7581
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



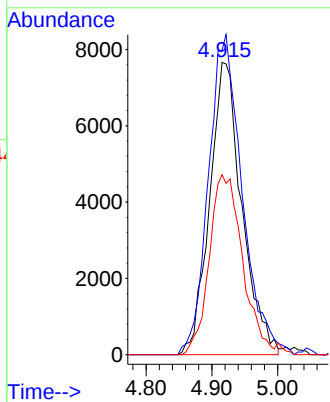
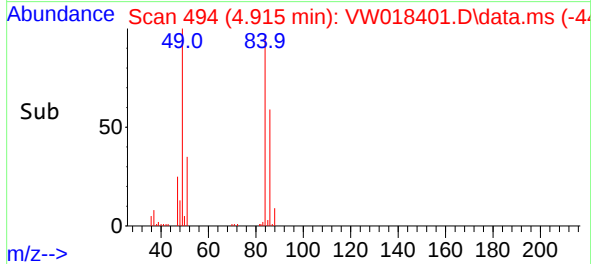


#16
Methylene chloride
Concen: 7.95 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16



Tgt Ion: 84 Resp: 26111

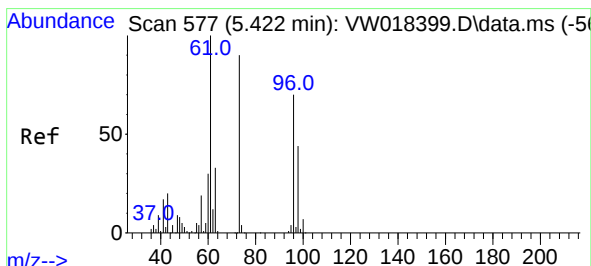
Ion	Ratio	Lower	Upper
84	100		
49	104.2	74.4	138.2
86	61.6	46.1	85.7



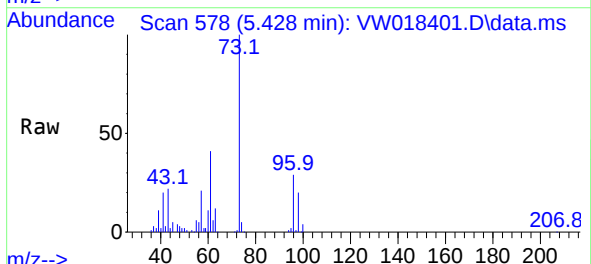
Instrument :
MSVOA_W
ClientSampled :
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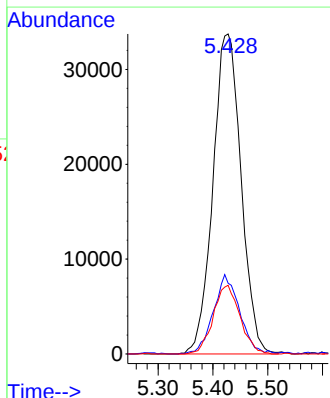
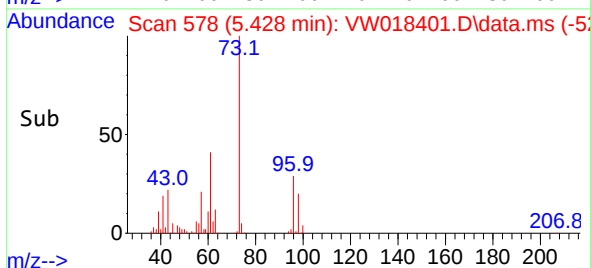


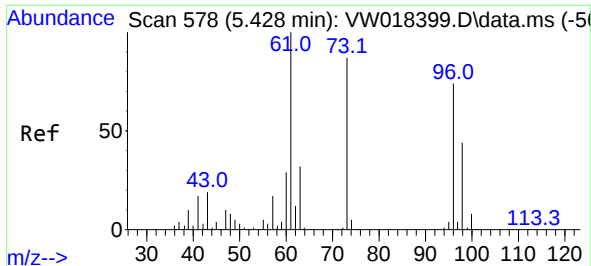
#17
Methyl tert-butyl Ether
Concen: 32.77 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16



Tgt Ion: 73 Resp: 120308

Ion	Ratio	Lower	Upper
73	100		
43	22.9	16.6	24.8
57	20.4	15.9	23.9





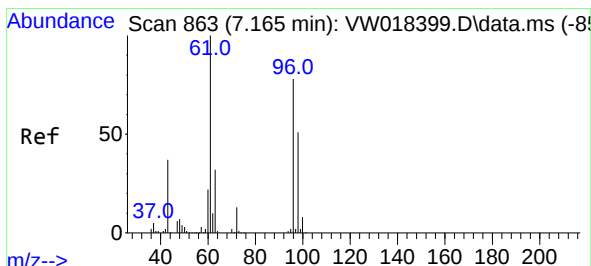
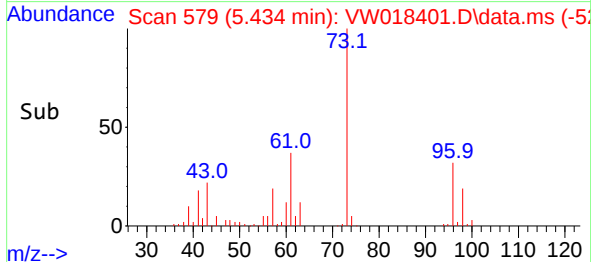
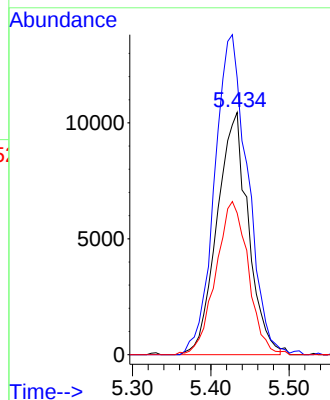
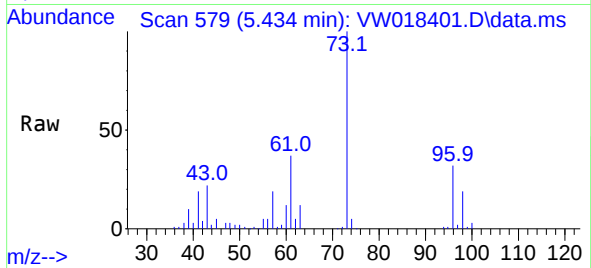
#18
trans-1,2-Dichloroethene
Concen: 10.43 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16

Tgt Ion: 96 Resp: 28932
Ion Ratio Lower Upper
96 100
61 114.2 93.3 173.3
98 58.4 45.2 84.0

Instrument :
MSVOA_W
ClientSampled :
BG4L1

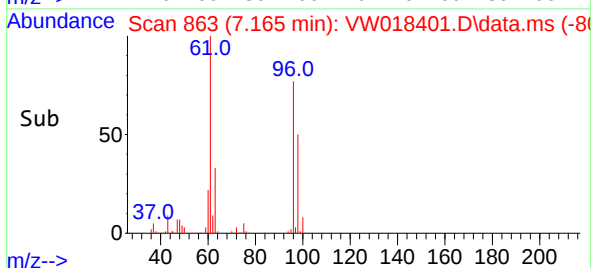
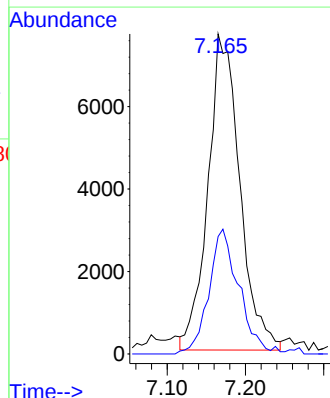
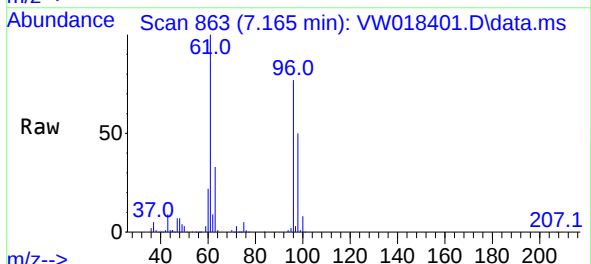
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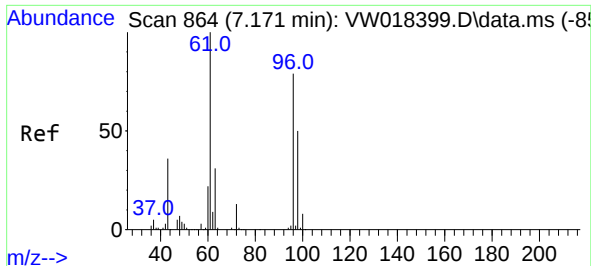
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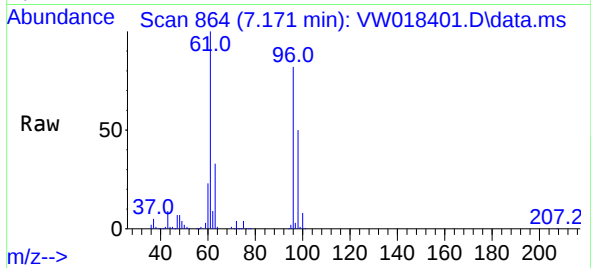
#21
2-Butanone
Concen: 30.60 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16

Tgt Ion: 43 Resp: 21662
Ion Ratio Lower Upper
43 100
72 36.9 16.5 49.5



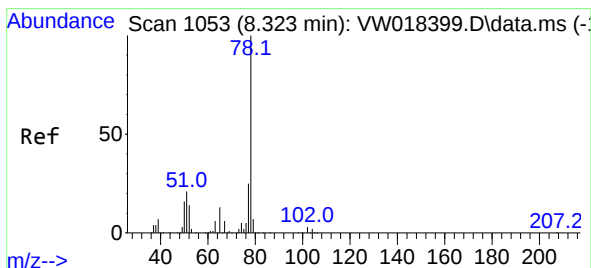
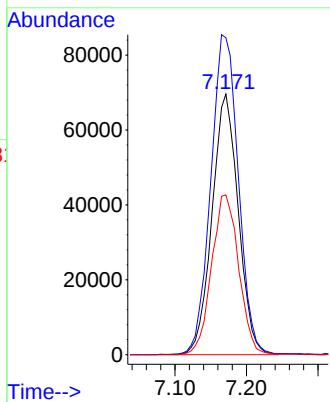
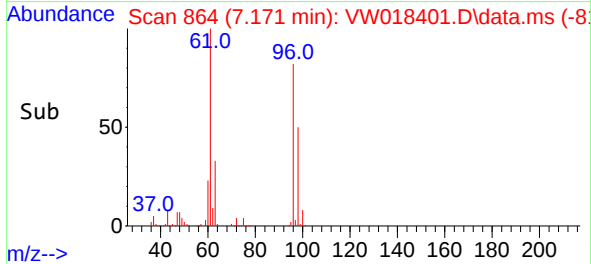


#22
cis-1,2-Dichloroethene
Concen: 60.83 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16

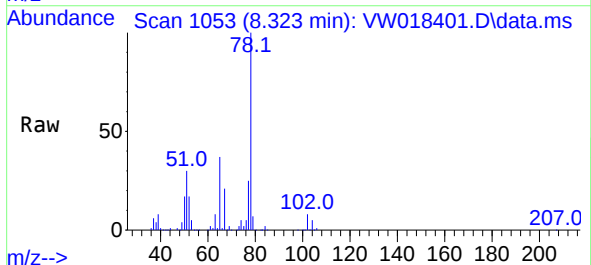


Tgt Ion: 96 Resp: 177508

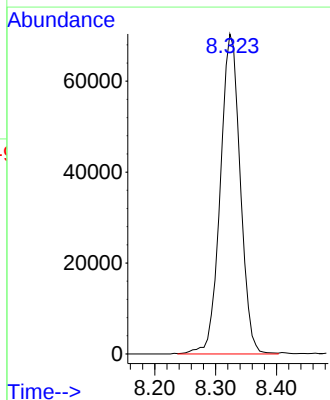
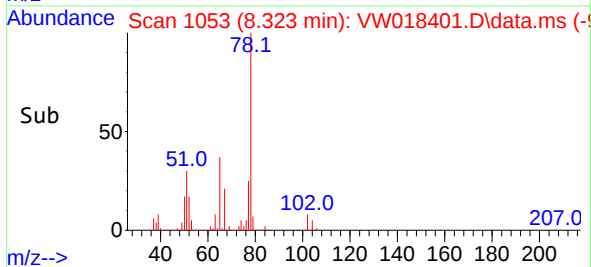
Ion	Ratio	Lower	Upper
96	100		
61	121.6	84.8	157.6
98	61.3	45.1	83.9



#34
Benzene
Concen: 31.34 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16



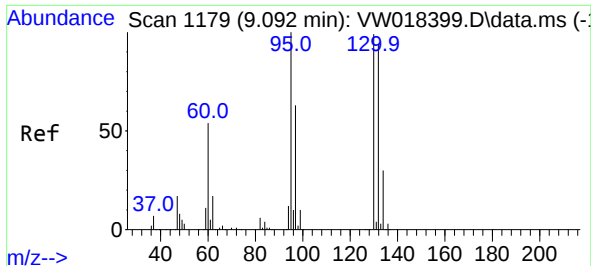
Tgt Ion: 78 Resp: 160328



Instrument :
MSVOA_W
ClientSampleId :
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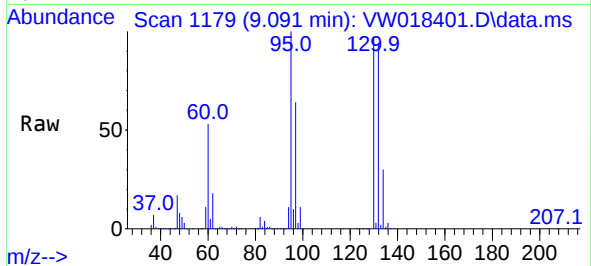
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#35
Trichloroethene
Concen: 1135.83 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16

Instrument :
MSVOA_W
ClientSampleId :
BG4L1

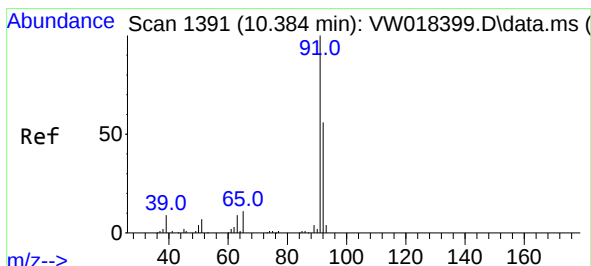
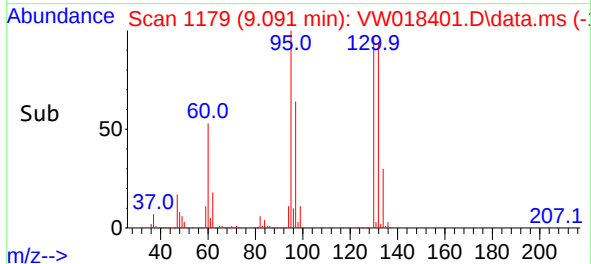
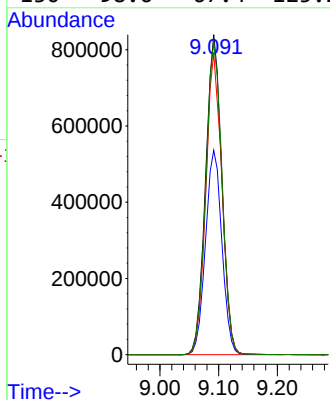


Tgt Ion: 95 Resp: 1605350

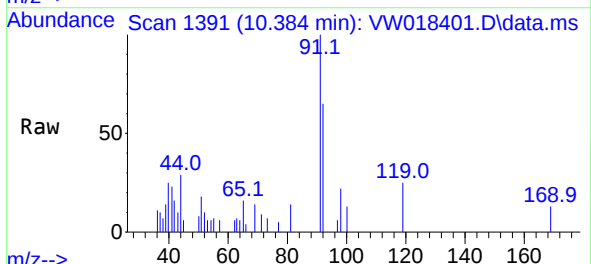
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.4	82.4
132	94.0	65.9	122.5
130	98.6	67.4	125.2

Manual Integrations
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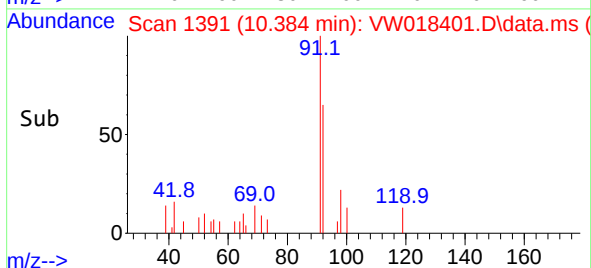
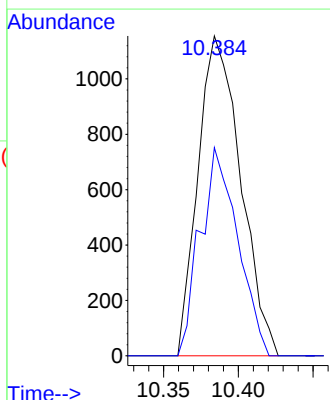


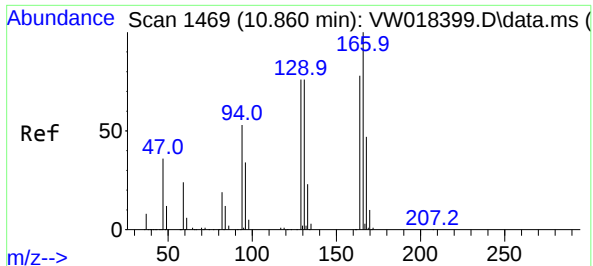
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Toluene
Concen: 0.39 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16



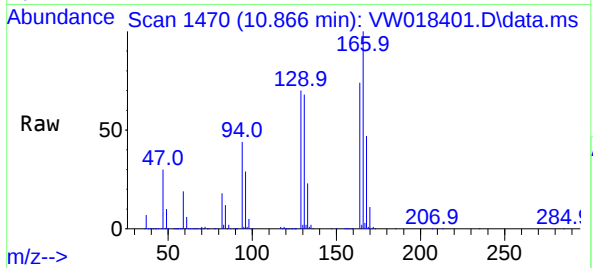
Tgt Ion: 91 Resp: 2289

Ion	Ratio	Lower	Upper
91	100		
92	65.1	42.3	78.5



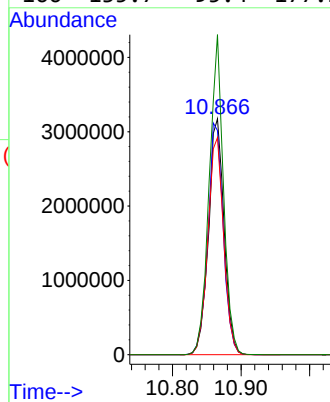
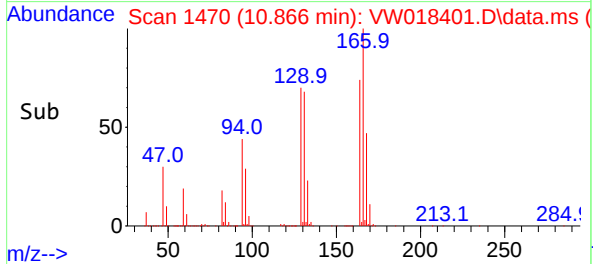


#47
Tetrachloroethene
Concen: 4670.18 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018401.D
Acq: 19 Mar 2021 21:16



Tgt Ion:164 Resp: 5012006

Ion	Ratio	Lower	Upper
164	100		
129	95.0	68.8	127.8
131	92.1	68.3	126.8
166	135.7	95.4	177.2



Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
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