

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018573.D
 Acq On : 07 Apr 2021 12:06
 Operator : SY/VA
 Sample : M1881-11
 Misc : 4.79G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:35:06 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)

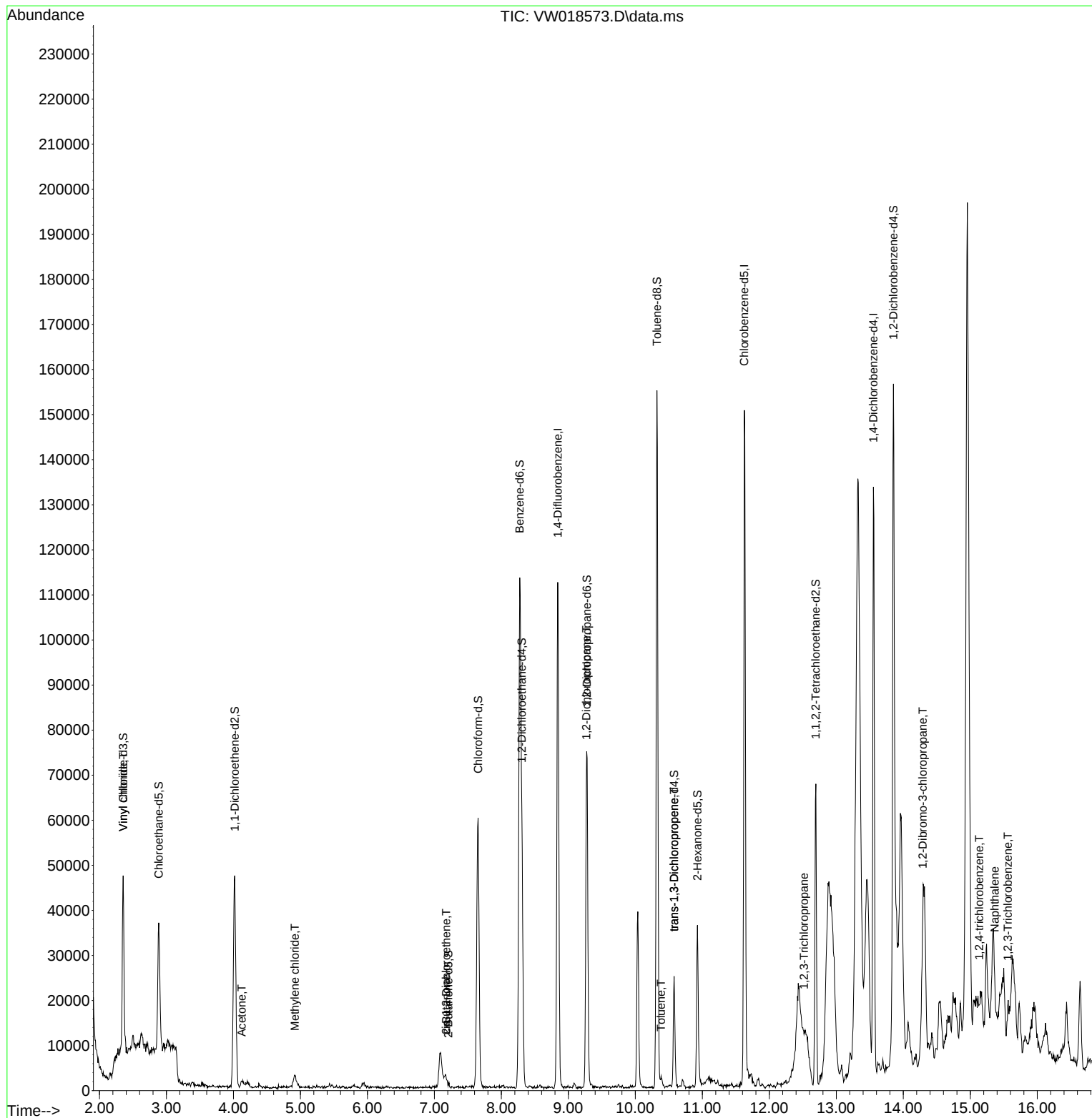
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	91517	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	79704	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	31707	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38469	30.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.84%			
7) Chloroethane-d5	2.885	69	32819	29.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.76%			
10) 1,1-Dichloroethene-d2	4.019	63	42401	19.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.12%			
20) 2-Butanone-d5	7.208	46	151	0.53	ug/L	0.13
Spiked Amount 50.000	Range 20 - 135		Recovery = 1.06%#			
24) Chloroform-d	7.653	84	60274	25.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.44%			
26) 1,2-Dichloroethane-d4	8.305	65	37777	27.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.04%			
29) Benzene-d6	8.274	84	116613	27.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.08%			
33) 1,2-Dichloropropane-d6	9.274	67	34478	28.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.84%			
37) Toluene-d8	10.323	98	103889	25.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.84%			
38) trans-1,3-Dichloroprop...	10.579	79	12767	20.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.00%			
39) 2-Hexanone-d5	10.926	63	11666	48.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.54%			
48) 1,1,2,2-Tetrachloroeth...	12.694	84	30616	28.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.00%			
61) 1,2-Dichlorobenzene-d4	13.853	152	32538	28.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 115.44%			
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	1002	0.58	ug/L #	1
13) Acetone	4.123	43	2047	10.05	ug/L	63
16) Methylene chloride	4.915	84	1720	1.15	ug/L	86
21) 2-Butanone	7.177	43	589	1.82	ug/L #	64
22) cis-1,2-Dichloroethene	7.177	96	660	0.49	ug/L #	61
40) 1,2-Dichloropropane	9.268	63	4249	3.76	ug/L #	88
44) Toluene	10.384	91	1724	0.33	ug/L	94
45) trans-1,3-Dichloropropene	10.579	75	780	0.45	ug/L #	55
59) 1,2,3-Trichloropropane	12.518	75	314	0.38	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.292	75	1613	9.84	ug/L #	1
68) 1,2,4-trichlorobenzene	15.133	180	284	0.23	ug/L #	15
69) Naphthalene	15.365	128	1542	0.59	ug/L #	93
70) 1,2,3-Trichlorobenzene	15.560	180	707	0.65	ug/L #	18

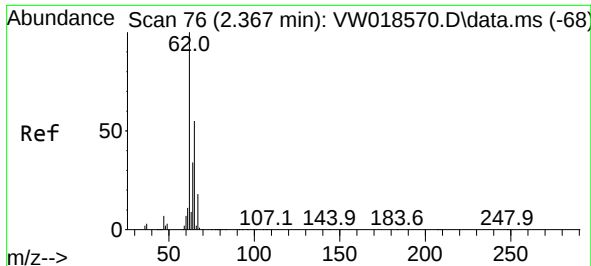
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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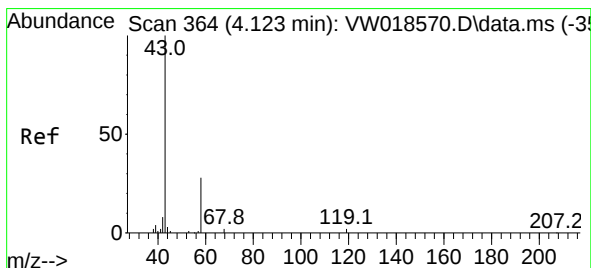
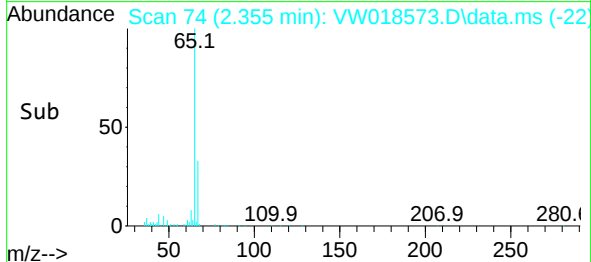
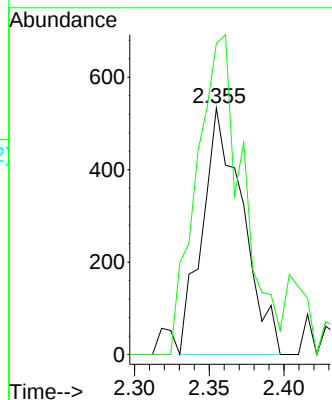
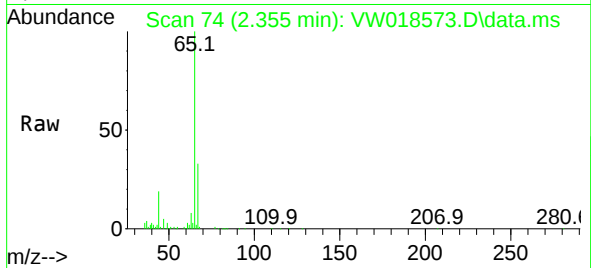




#5
 Vinyl chloride
 Concen: 0.58 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: VW018573.D
 Acq: 07 Apr 2021 12:06

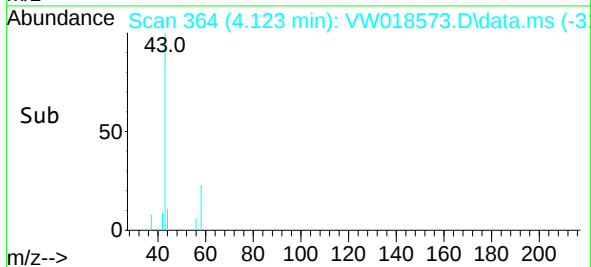
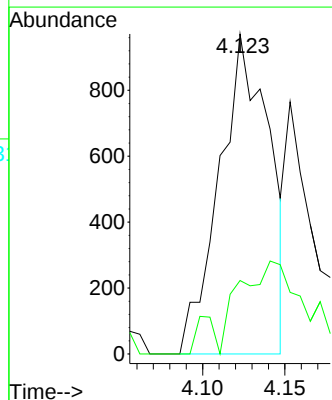
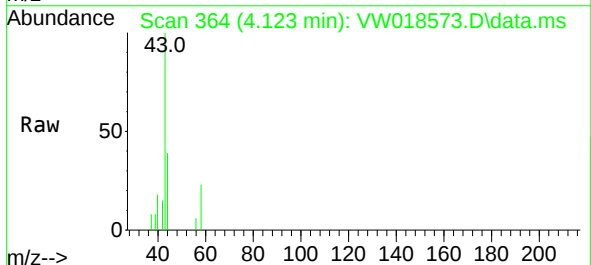
Instrument :
 MSVOA_W
 ClientSampled :

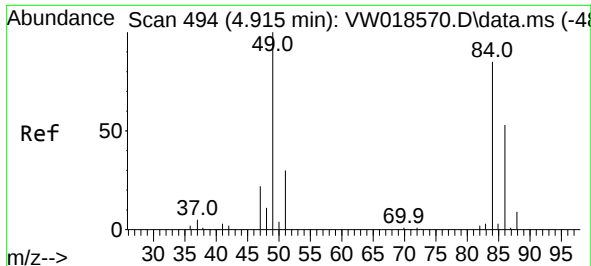
Tgt Ion: 62 Resp: 1002
 Ion Ratio Lower Upper
 62 100
 64 126.3 23.5 43.7#



#13
 Acetone
 Concen: 10.05 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW018573.D
 Acq: 07 Apr 2021 12:06

Tgt Ion: 43 Resp: 2047
 Ion Ratio Lower Upper
 43 100
 58 10.9 0.0 62.2

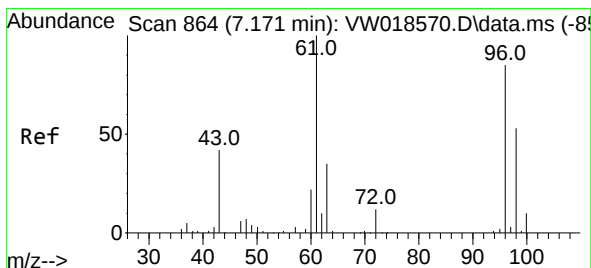
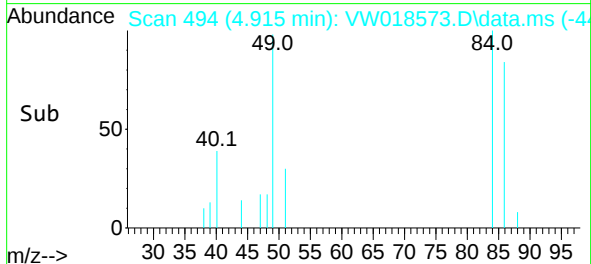
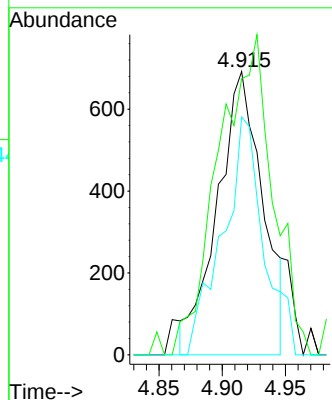
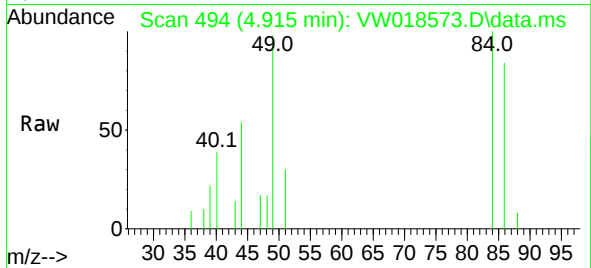




#16
Methylene chloride
Concen: 1.15 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018573.D
Acq: 07 Apr 2021 12:06

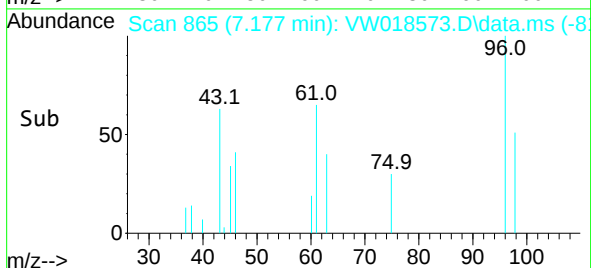
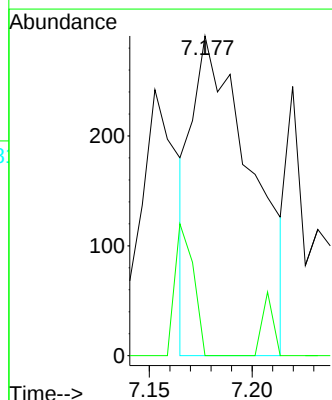
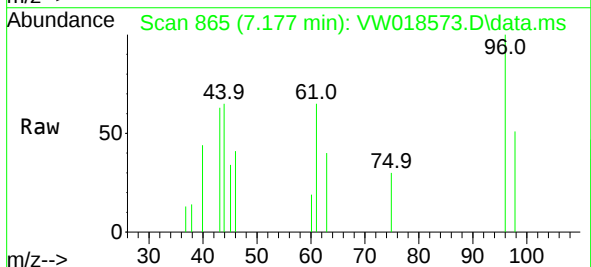
Instrument :
MSVOA_W
ClientSampleId :

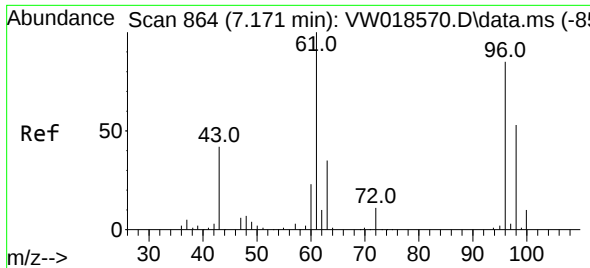
Tgt Ion: 84 Resp: 1720
Ion Ratio Lower Upper
84 100
49 97.5 74.4 138.2
86 84.0 46.1 85.7



#21
2-Butanone
Concen: 1.82 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018573.D
Acq: 07 Apr 2021 12:06

Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
72 12.7 16.5 49.5#

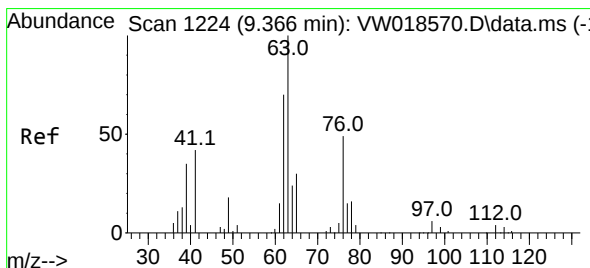
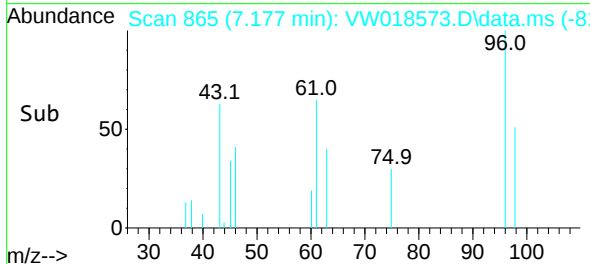
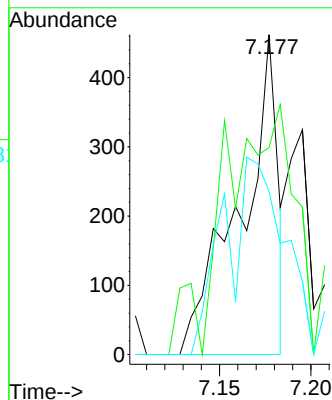
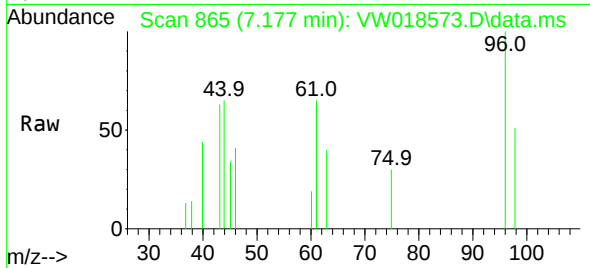




#22
 cis-1,2-Dichloroethene
 Concen: 0.49 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW018573.D
 Acq: 07 Apr 2021 12:06

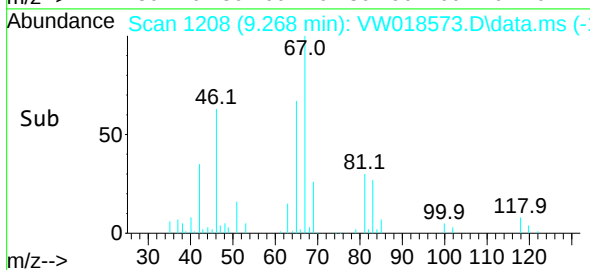
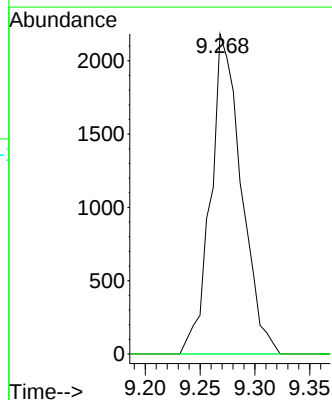
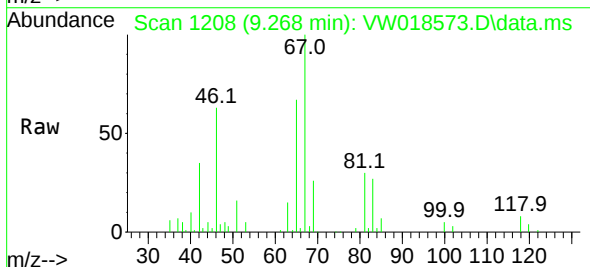
Instrument :
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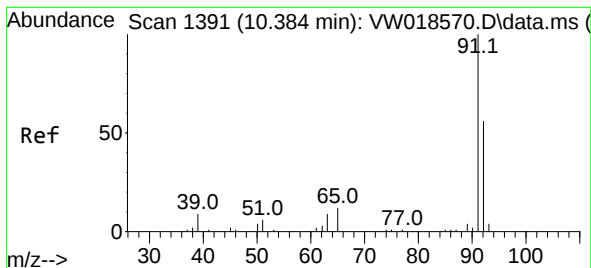
Tgt Ion: 96 Resp: 660
 Ion Ratio Lower Upper
 96 100
 61 64.7 84.8 157.6#
 98 51.1 45.1 83.9



#40
 1,2-Dichloropropane
 Concen: 3.76 ug/L
 RT: 9.268 min Scan# 1208
 Delta R.T. -0.098 min
 Lab File: VW018573.D
 Acq: 07 Apr 2021 12:06

Tgt Ion: 63 Resp: 4249
 Ion Ratio Lower Upper
 63 100
 112 1.2 4.2 6.4#





#44

Toluene

Concen: 0.33 ug/L

RT: 10.384 min Scan# 1391

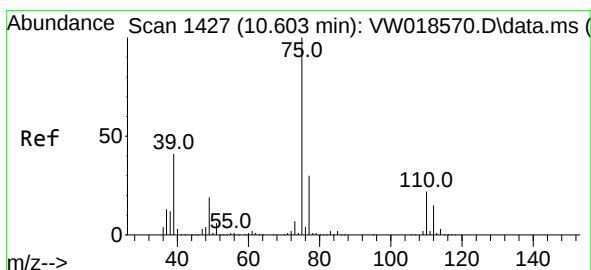
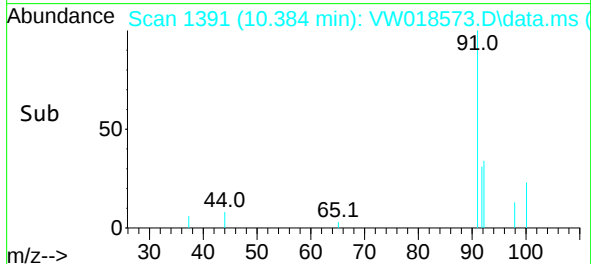
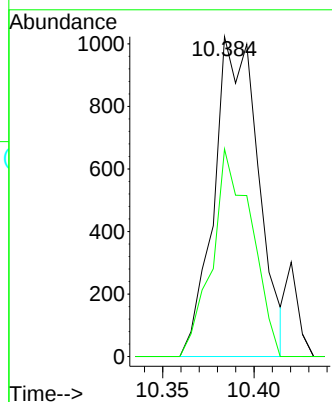
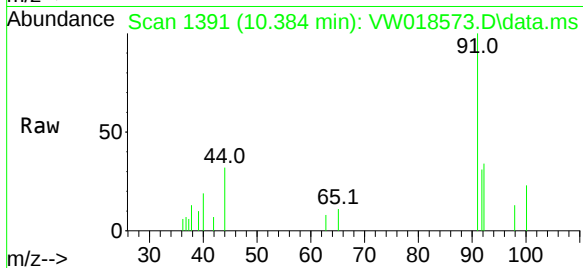
Delta R.T. -0.000 min

Lab File: VW018573.D

Acq: 07 Apr 2021 12:06

Tgt Ion: 91 Resp: 1724

Ion	Ratio	Lower	Upper
91	100		
92	64.9	42.3	78.5



#45

trans-1,3-Dichloropropene

Concen: 0.45 ug/L

RT: 10.579 min Scan# 1423

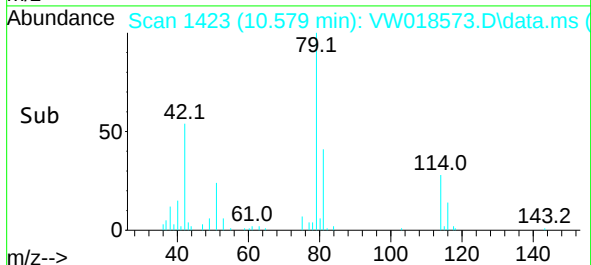
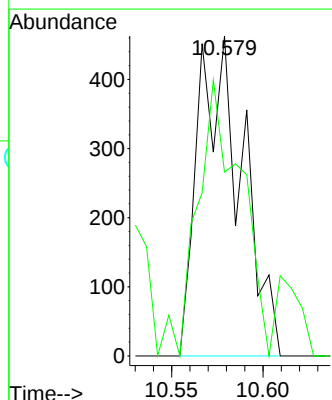
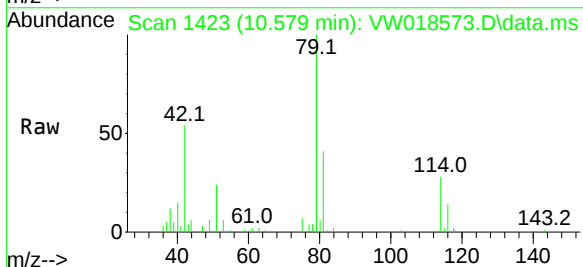
Delta R.T. -0.025 min

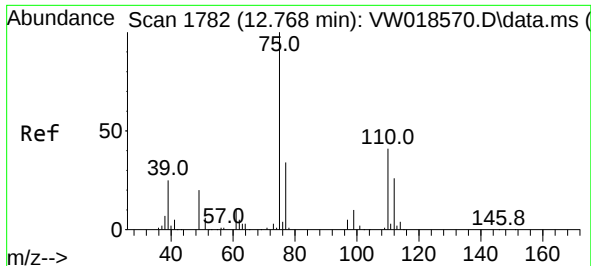
Lab File: VW018573.D

Acq: 07 Apr 2021 12:06

Tgt Ion: 75 Resp: 780

Ion	Ratio	Lower	Upper
75	100		
77	57.5	22.6	42.0#

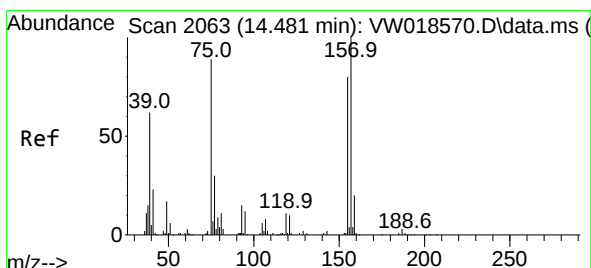
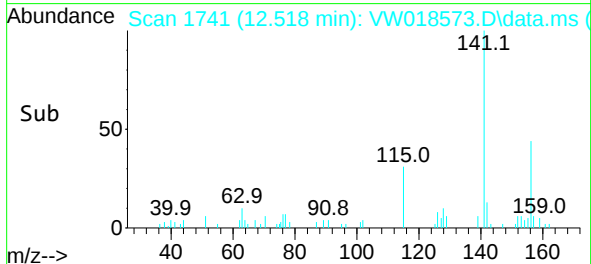
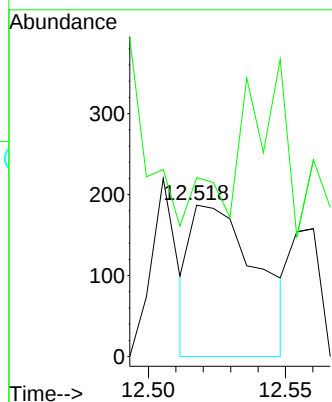
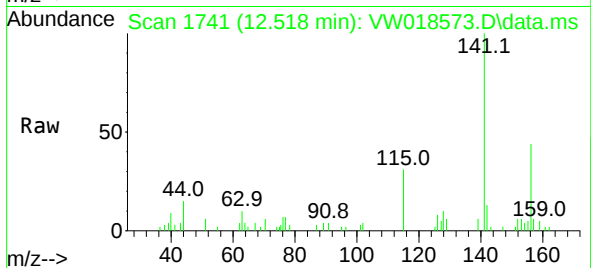




#59
1,2,3-Trichloropropane
Concen: 0.38 ug/L
RT: 12.518 min Scan# 1741
Delta R.T. -0.250 min
Lab File: VW018573.D
Acq: 07 Apr 2021 12:06

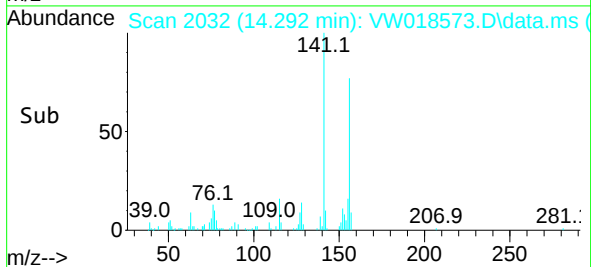
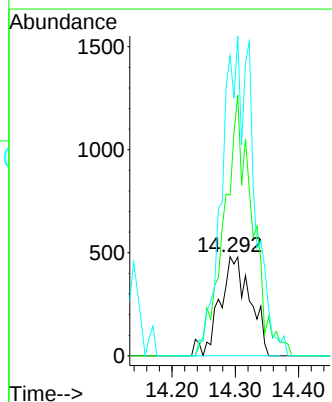
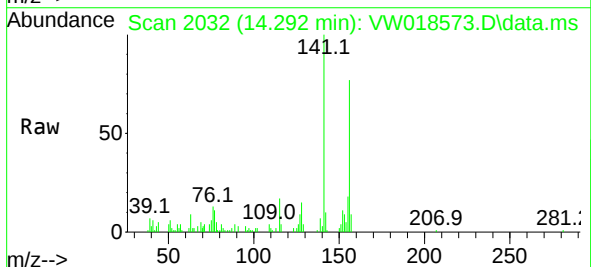
Instrument :
MSVOA_W
ClientSampled :

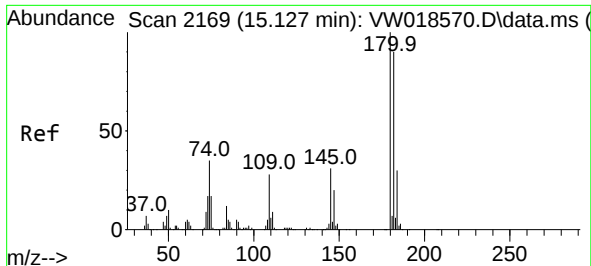
Tgt Ion: 75 Resp: 314
Ion Ratio Lower Upper
75 100
77 29.0 25.6 38.4



#66
1,2-Dibromo-3-chloropropane
Concen: 9.84 ug/L
RT: 14.292 min Scan# 2032
Delta R.T. -0.189 min
Lab File: VW018573.D
Acq: 07 Apr 2021 12:06

Tgt Ion: 75 Resp: 1613
Ion Ratio Lower Upper
75 100
157 162.2 65.2 97.8#
155 302.7 60.1 90.1#

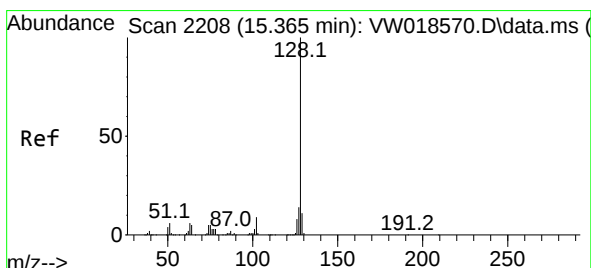
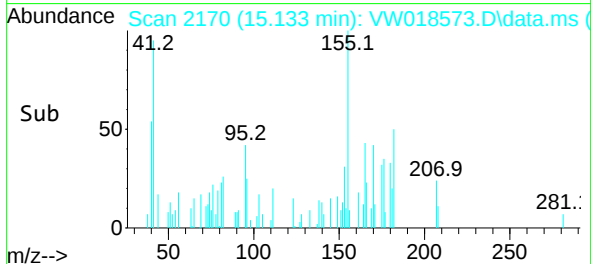
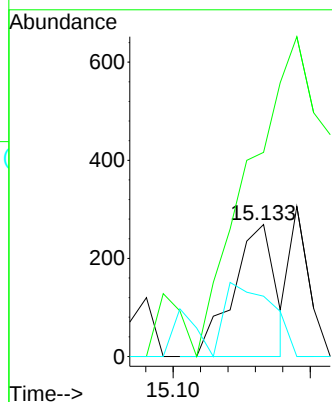
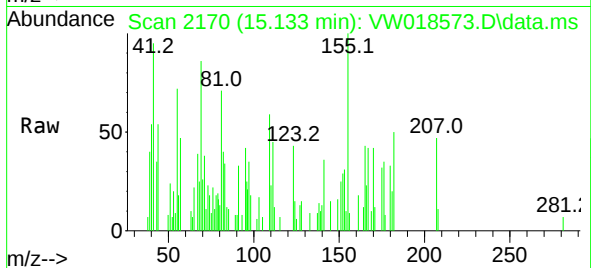




#68
1,2,4-trichlorobenzene
Concen: 0.23 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018573.D
Acq: 07 Apr 2021 12:06

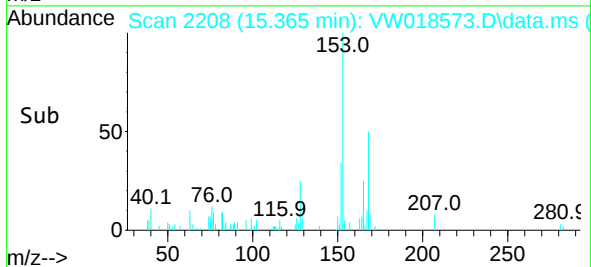
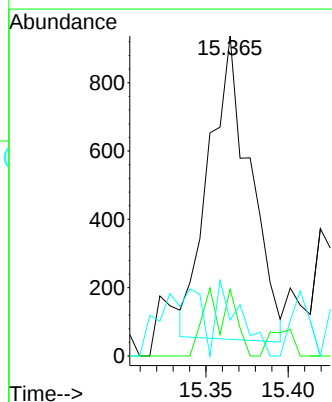
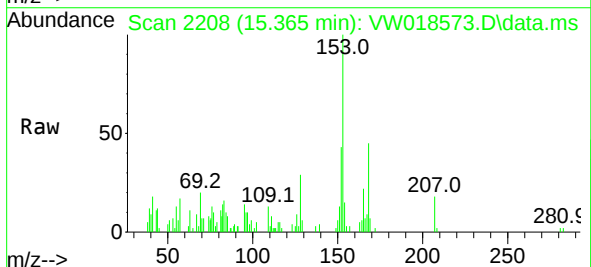
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MSVOA_W
ClientSampled :

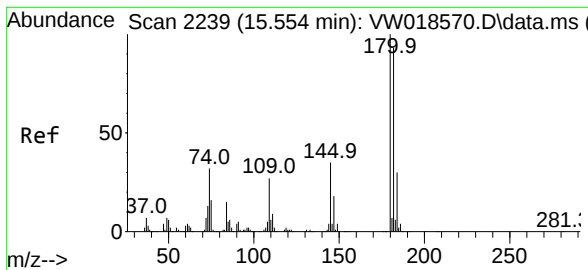
Tgt Ion:180 Resp: 284
Ion Ratio Lower Upper
180 100
182 0.0 70.2 105.4#
145 64.1 24.9 37.3#



#69
Naphthalene
Concen: 0.59 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018573.D
Acq: 07 Apr 2021 12:06

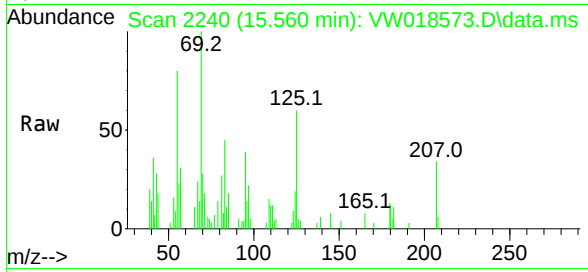
Tgt Ion:128 Resp: 1542
Ion Ratio Lower Upper
128 100
129 6.6 9.1 13.7#
127 14.3 10.7 16.1





#70
 1,2,3-Trichlorobenzene
 Concen: 0.65 ug/L
 RT: 15.560 min Scan# 2240
 Delta R.T. 0.006 min
 Lab File: VW018573.D
 Acq: 07 Apr 2021 12:06

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	707
Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.5	114.7#
145	12.7	27.7	41.5#

