

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018283.D
 Acq On : 10 Mar 2021 13:17
 Operator : SY/VA
 Sample : M1610-19
 Misc : 6.15G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG568

Quant Time: Mar 11 02:02:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 02:01:11 2021
 Response via : Initial Calibration

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

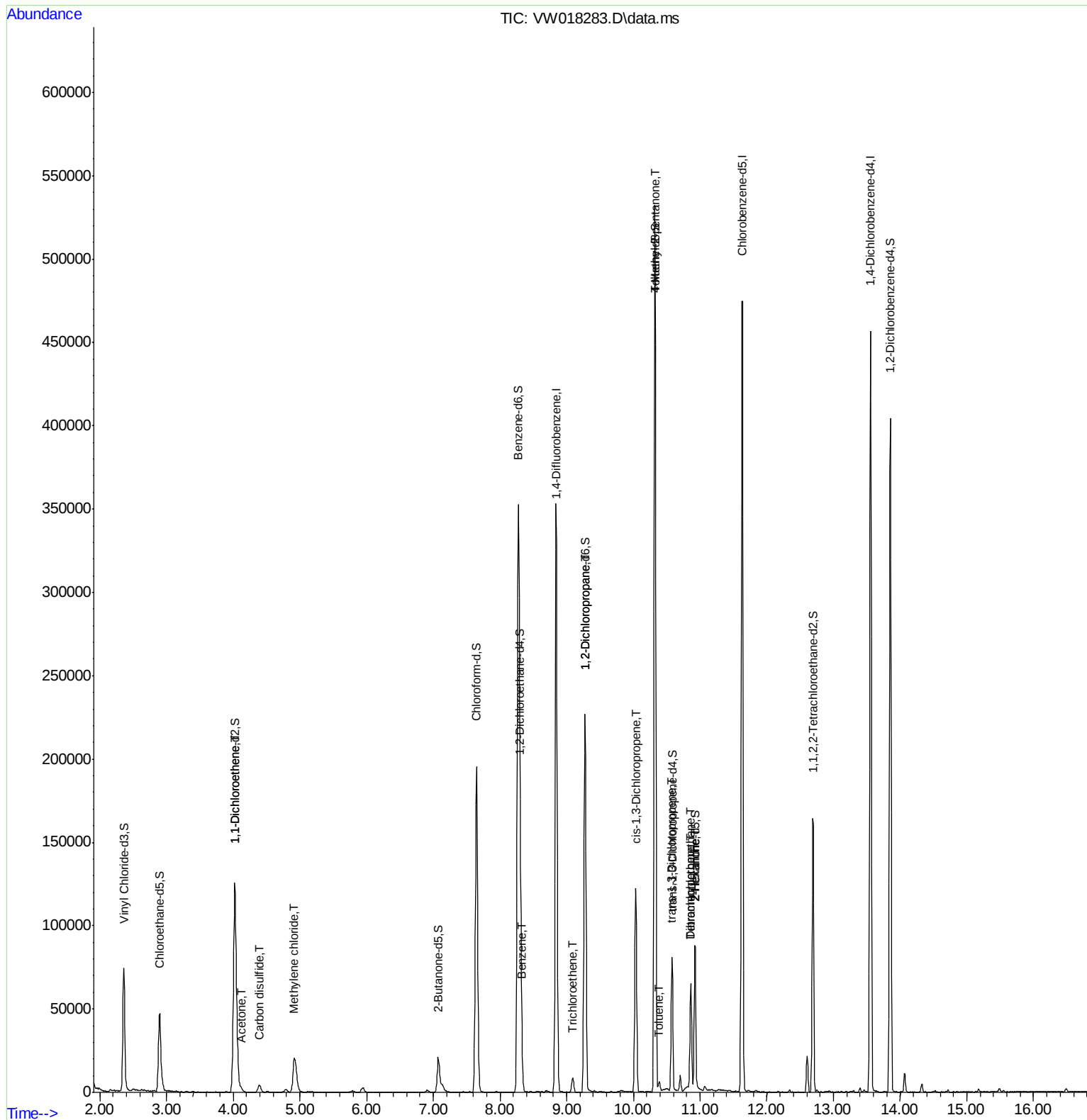
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	300445	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	267828	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	108591	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	87717	26.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.84%			
7) Chloroethane-d5	2.898	69	67549	25.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.28%			
10) 1,1-Dichloroethene-d2	4.019	63	140668	18.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.44%			
20) 2-Butanone-d5	7.074	46	34849	45.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.10%			
24) Chloroform-d	7.647	84	194590	23.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.64%			
26) 1,2-Dichloroethane-d4	8.305	65	107652	24.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.12%			
29) Benzene-d6	8.275	84	360484	25.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.12%			
33) 1,2-Dichloropropane-d6	9.275	67	99137	25.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.36%			
37) Toluene-d8	10.323	98	346281	25.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.68%			
38) trans-1,3-Dichloroprop...	10.579	79	44351	22.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.60%			
39) 2-Hexanone-d5	10.921	63	30574	46.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.04%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	75440	22.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.32%			
61) 1,2-Dichlorobenzene-d4	13.853	152	99342	25.17	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.68%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.019	96	1144	0.29	ug/L #	1
13) Acetone	4.123	43	2993	4.95	ug/L	75
14) Carbon disulfide	4.391	76	9443	0.82	ug/L	95
16) Methylene chloride	4.916	84	9519	2.08	ug/L	100
34) Benzene	8.330	78	6074	0.39	ug/L	100
35) Trichloroethene	9.092	95	2737	0.61	ug/L	94
40) 1,2-Dichloropropane	9.275	63	13189	3.68	ug/L #	84
42) cis-1,3-Dichloropropene	10.037	75	3728	0.62	ug/L #	83
43) 4-Methyl-2-pentanone	10.323	43	1555	0.84	ug/L #	1
44) Toluene	10.384	91	4502	0.26	ug/L	82
45) trans-1,3-Dichloropropene	10.573	75	2186	0.41	ug/L	96
47) Tetrachloroethene	10.860	164	12898	3.81	ug/L	93
49) 2-Hexanone	10.927	43	3525	2.75	ug/L #	58
50) Dibromochloromethane	10.860	129	13130	3.63	ug/L #	8

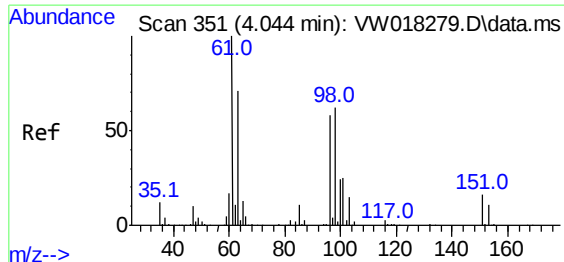
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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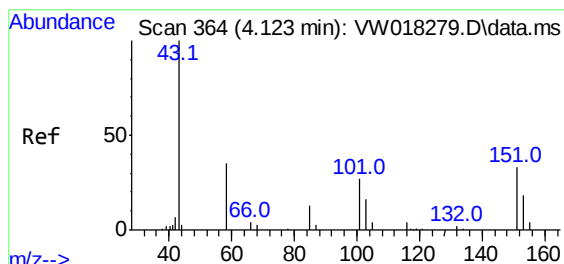
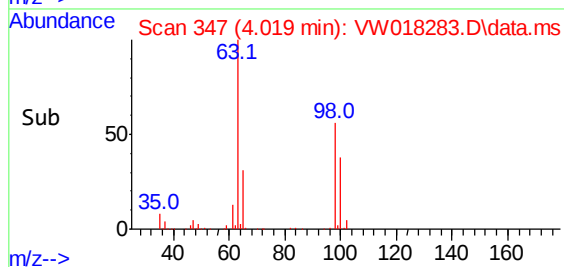
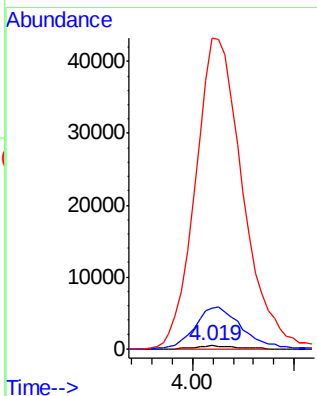
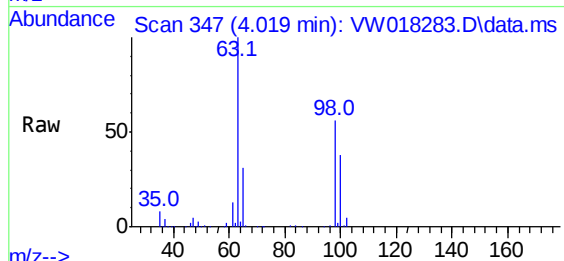




#12
1,1-Dichloroethene
Concen: 0.29 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.024 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

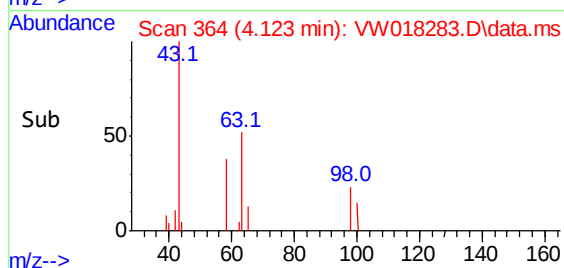
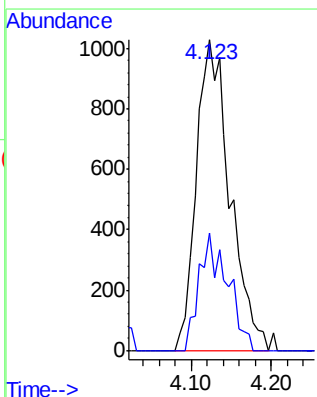
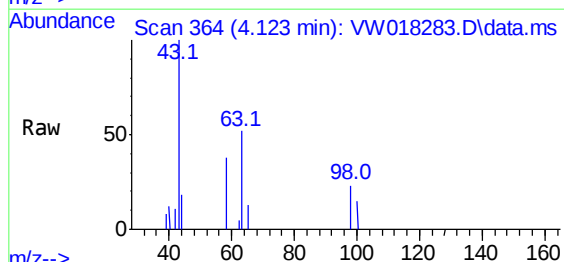
Instrument :
MSVOA_W
ClientSampled :
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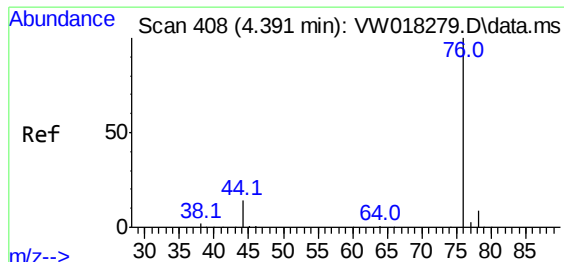
Tgt Ion: 96 Resp: 1144
Ion Ratio Lower Upper
96 100
61 1331.4 118.6 220.2#
63 10203.8 82.4 153.0#



#13
Acetone
Concen: 4.95 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

Tgt Ion: 43 Resp: 2993
Ion Ratio Lower Upper
43 100
58 17.3 0.0 62.2

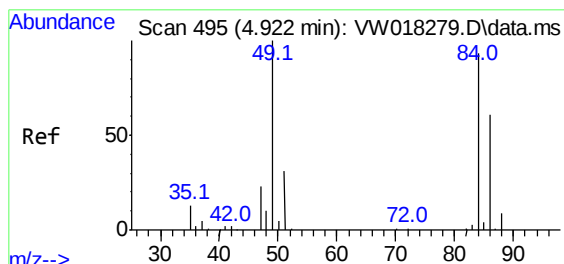
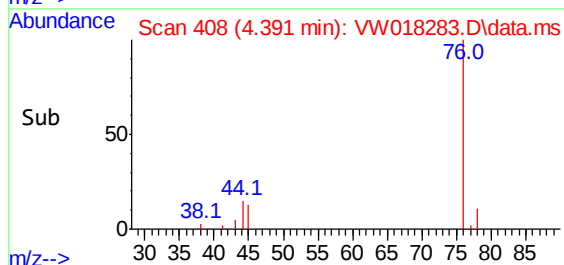
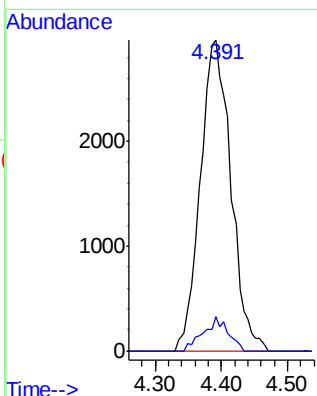
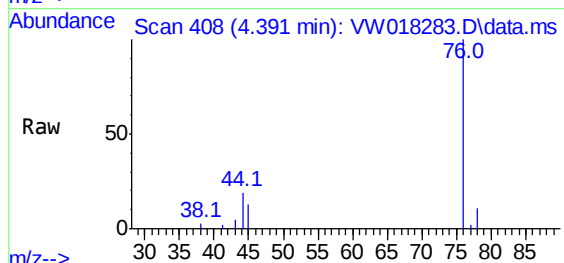




#14
Carbon disulfide
Concen: 0.82 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

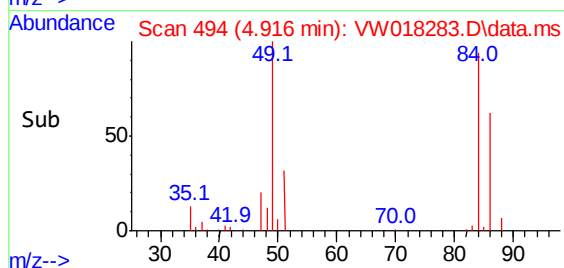
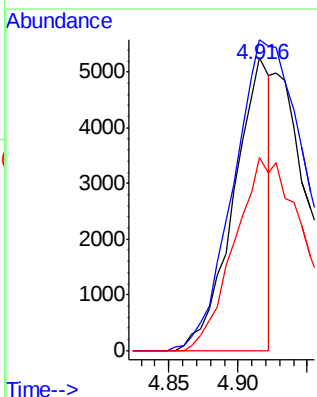
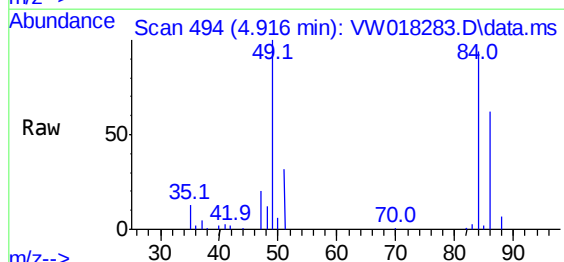
Instrument :
MSVOA_W
ClientSampled :
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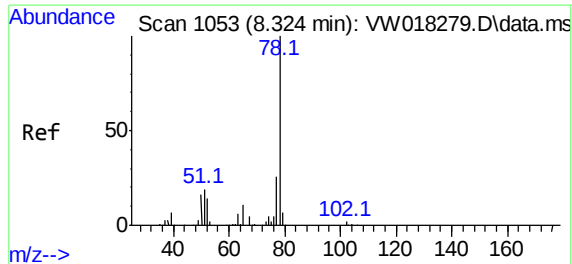
Tgt Ion: 76 Resp: 9443
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.2



#16
Methylene chloride
Concen: 2.08 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

Tgt Ion: 84 Resp: 9519
Ion Ratio Lower Upper
84 100
49 106.3 74.4 138.2
86 65.9 46.1 85.7

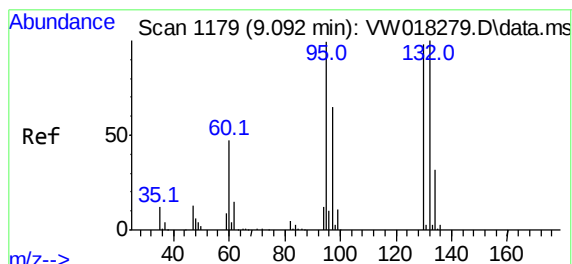
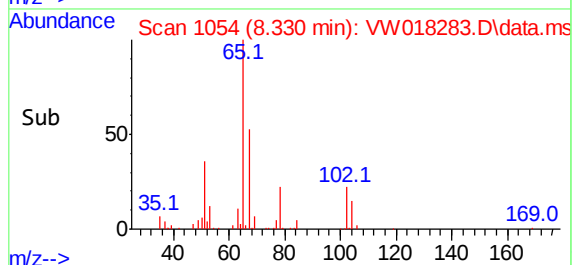
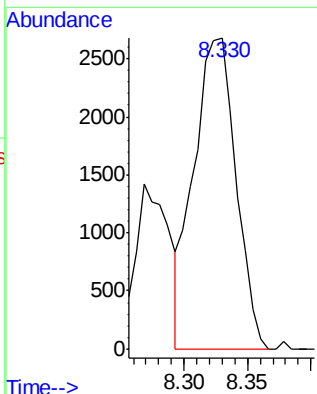
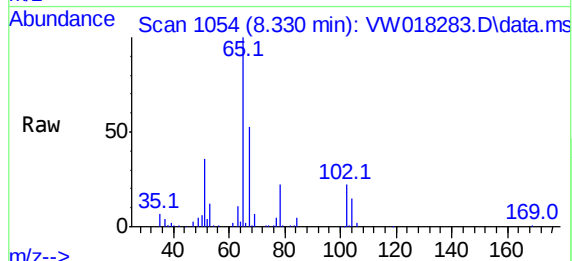




#34
Benzene
Concen: 0.39 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

Instrument :
MSVOA_W
ClientSampled :
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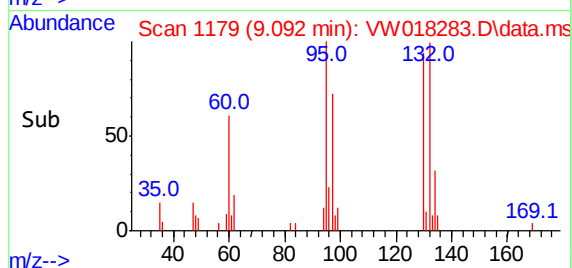
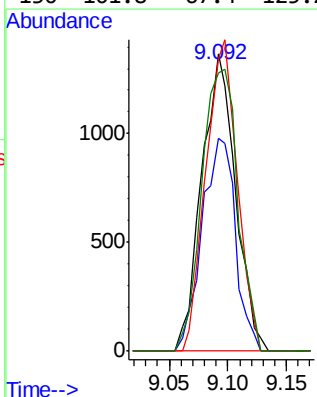
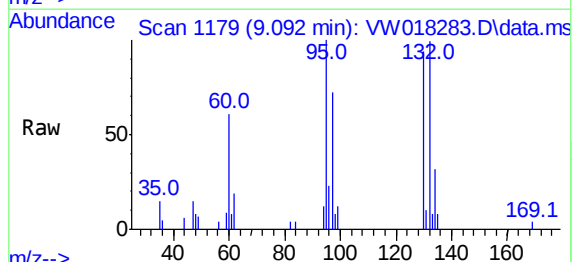
Tgt Ion: 78 Resp: 6074

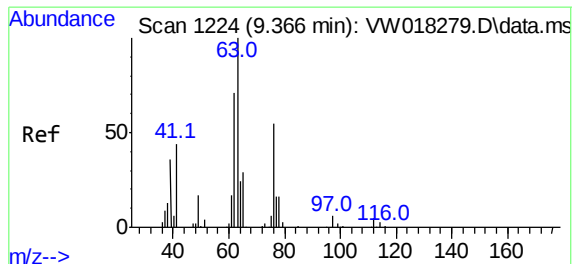


#35
Trichloroethene
Concen: 0.61 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

Tgt Ion: 95 Resp: 2737

Ion	Ratio	Lower	Upper
95	100		
97	70.4	44.4	82.4
132	97.8	65.9	122.5
130	101.8	67.4	125.2

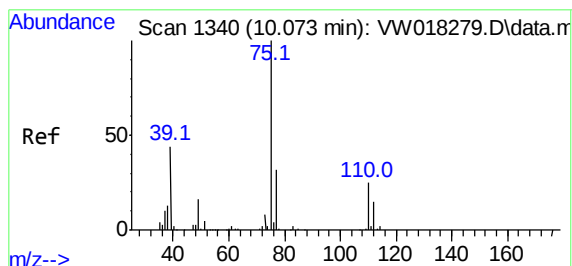
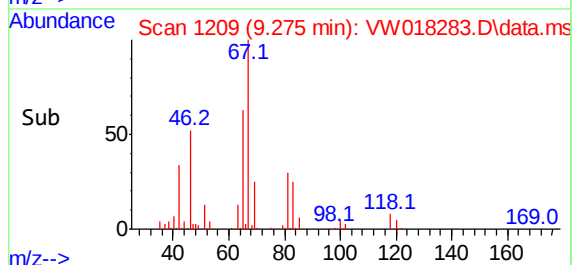
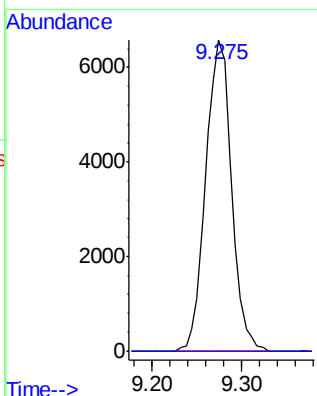
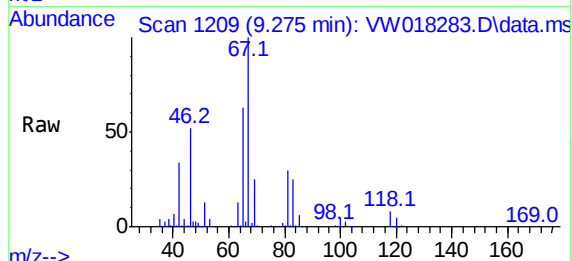




#40
1,2-Dichloropropane
Concen: 3.68 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

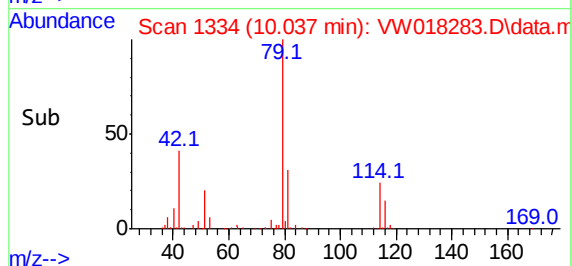
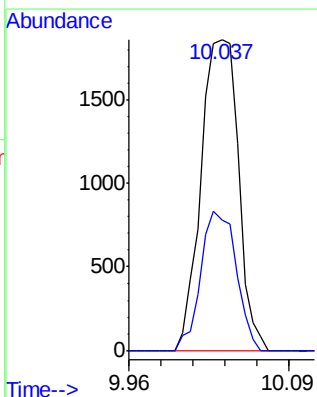
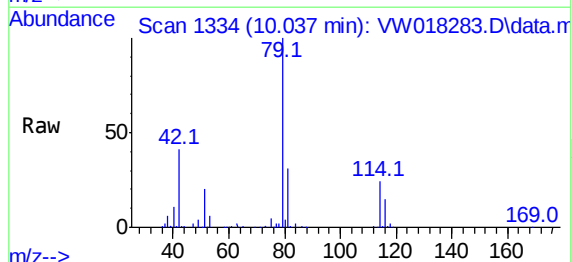
Instrument :
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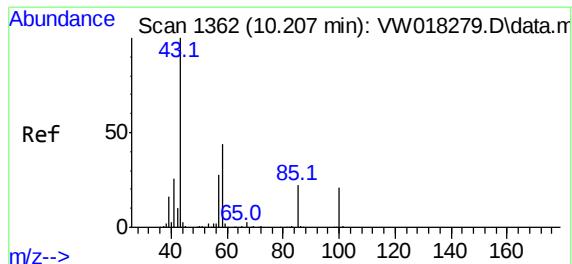
Tgt Ion: 63 Resp: 13189
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.62 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

Tgt Ion: 75 Resp: 3728
Ion Ratio Lower Upper
75 100
77 41.7 22.4 41.6#

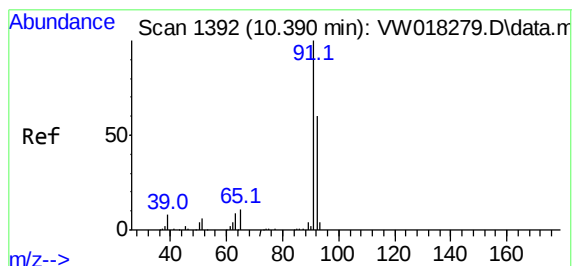
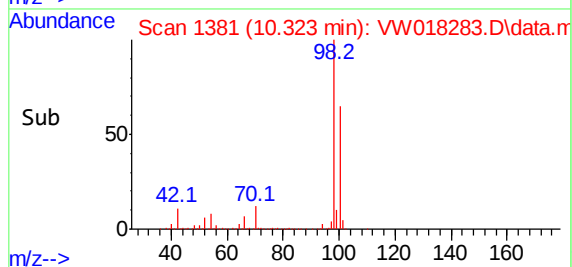
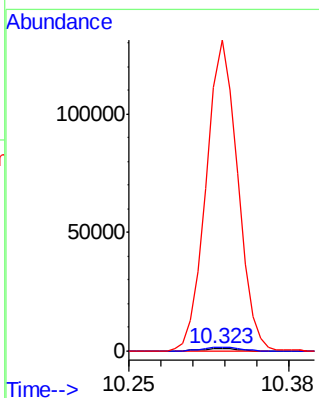
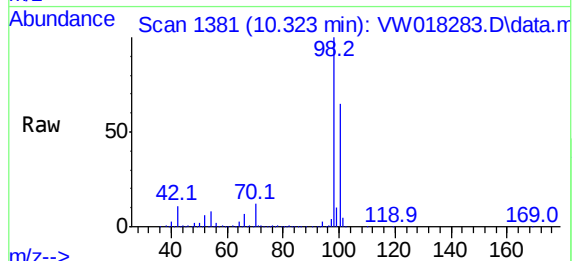




#43
4-Methyl-2-pentanone
Concen: 0.84 ug/L
RT: 10.323 min Scan# 1381
Delta R.T. 0.116 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

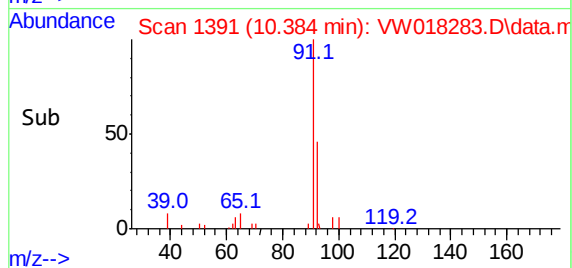
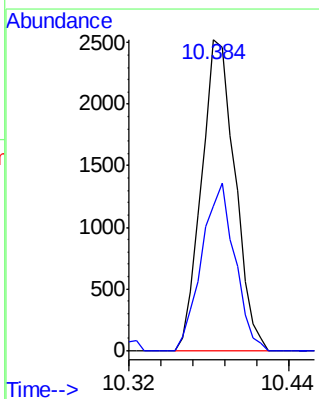
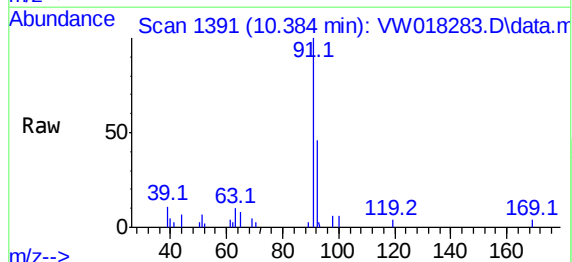
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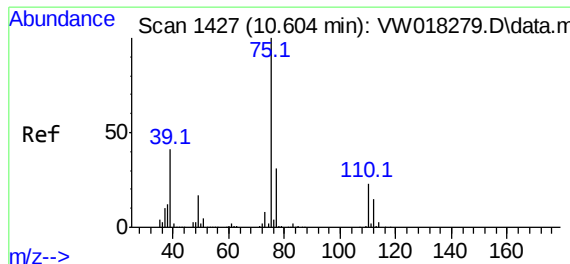
Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 179.9 34.8 52.2#
100 14215.0 15.9 23.9#



#44
Toluene
Concen: 0.26 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

Tgt Ion: 91 Resp: 4502
Ion Ratio Lower Upper
91 100
92 46.4 42.3 78.5

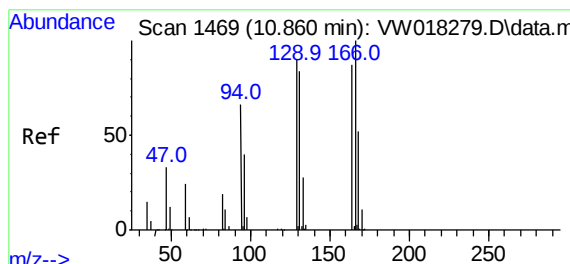
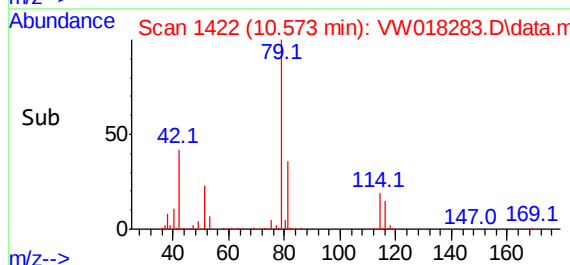
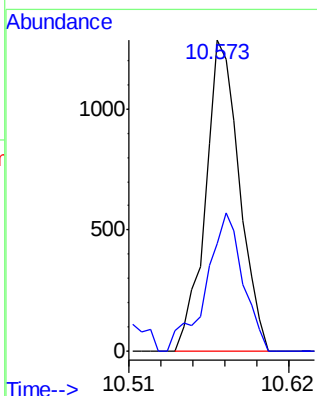
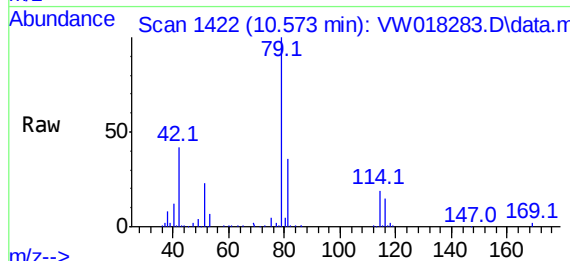




#45
trans-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

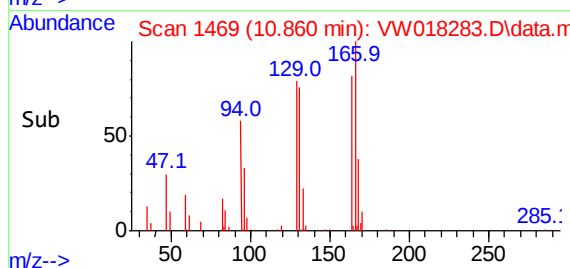
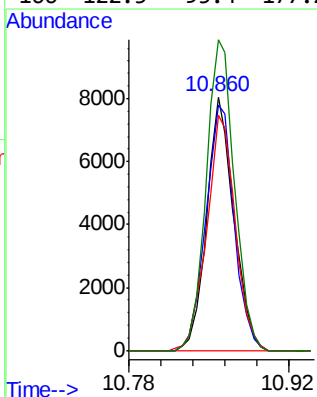
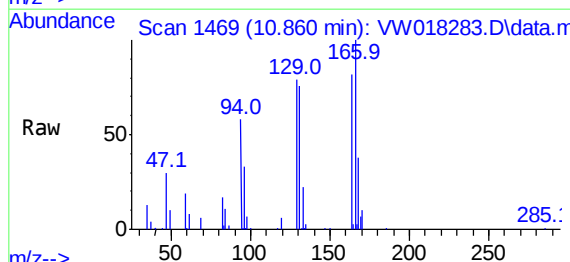
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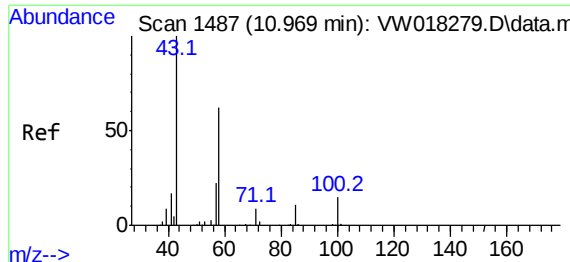
Tgt Ion: 75 Resp: 2186
Ion Ratio Lower Upper
75 100
77 34.5 22.6 42.0



#47
Tetrachloroethene
Concen: 3.81 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

Tgt Ion: 164 Resp: 12898
Ion Ratio Lower Upper
164 100
129 96.9 68.8 127.8
131 92.5 68.3 126.8
166 122.5 95.4 177.2

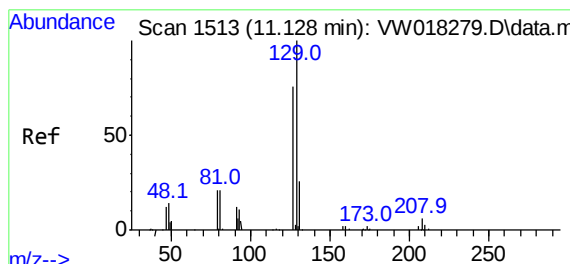
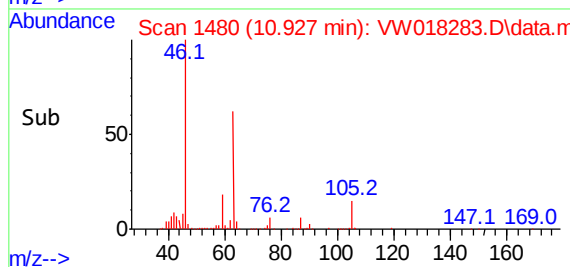
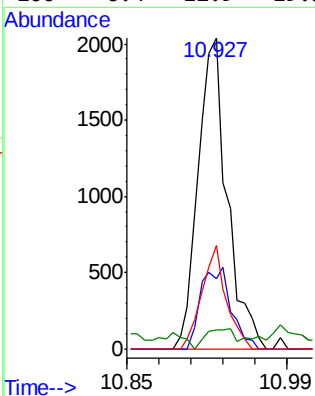
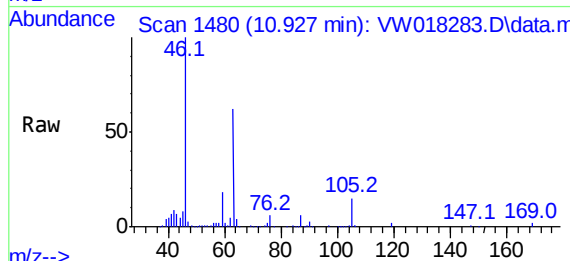




#49
2-Hexanone
Concen: 2.75 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

Instrument :
MSVOA_W
ClientSampleID :
BG568

Tgt Ion:	43	Resp:	3525
Ion	Ratio	Lower	Upper
43	100		
58	16.1	47.3	70.9#
57	27.9	17.3	25.9#
100	6.4	12.9	19.3#



#50
Dibromochloromethane
Concen: 3.63 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW018283.D
Acq: 10 Mar 2021 13:17

Tgt Ion:	129	Resp:	13130
Ion	Ratio	Lower	Upper
129	100		
127	0.0	58.0	107.6#

