

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018289.D
 Acq On : 10 Mar 2021 15:41
 Operator : SY/VA
 Sample : M1630-01
 Misc : 6.23G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG572

Quant Time: Mar 11 02:04:26 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)

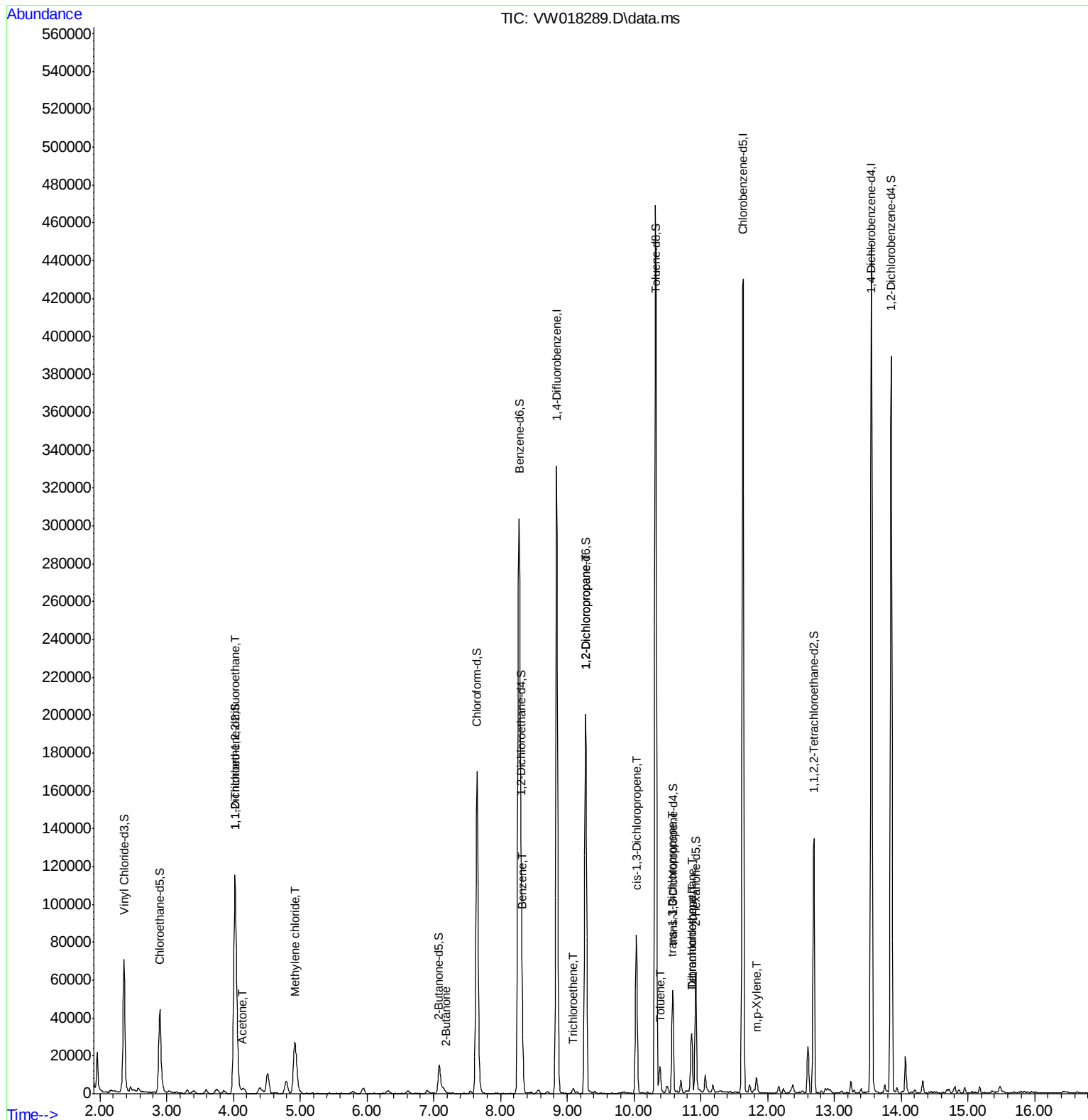
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	270230	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	243273	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	107697	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	79810	27.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.08%			
7) Chloroethane-d5	2.898	69	61299	25.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.16%			
10) 1,1-Dichloroethene-d2	4.025	63	126496	18.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.40%			
20) 2-Butanone-d5	7.080	46	25141	36.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.28%			
24) Chloroform-d	7.647	84	171477	23.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.68%			
26) 1,2-Dichloroethane-d4	8.311	65	91776	22.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.12%			
29) Benzene-d6	8.281	84	320946	24.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.12%			
33) 1,2-Dichloropropane-d6	9.274	67	87440	24.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.48%			
37) Toluene-d8	10.323	98	305955	24.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.92%			
38) trans-1,3-Dichloroprop...	10.579	79	29631	16.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.64%			
39) 2-Hexanone-d5	10.927	63	21963	36.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.58%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	62473	20.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.44%			
61) 1,2-Dichlorobenzene-d4	13.853	152	94884	24.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.96%			
Target Compounds						
11) 1,1,2-Trichloro-1,2,2-...	4.025	101	1109	0.29	ug/L #	20
13) Acetone	4.141	43	2562	4.71	ug/L	74
16) Methylene chloride	4.922	84	24665	5.98	ug/L	95
21) 2-Butanone	7.183	43	608	0.81	ug/L	75
34) Benzene	8.323	78	15125	1.08	ug/L	100
35) Trichloroethene	9.091	95	847	0.21	ug/L #	76
40) 1,2-Dichloropropane	9.274	63	11181	3.44	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2512	0.46	ug/L #	70
44) Toluene	10.390	91	10319	0.66	ug/L	99
45) trans-1,3-Dichloropropene	10.573	75	1486	0.31	ug/L #	78
47) Tetrachloroethene	10.866	164	6566	2.14	ug/L	86
50) Dibromochloromethane	10.866	129	7063	2.15	ug/L #	8
54) m,p-Xylene	11.835	106	2321	0.34	ug/L	98

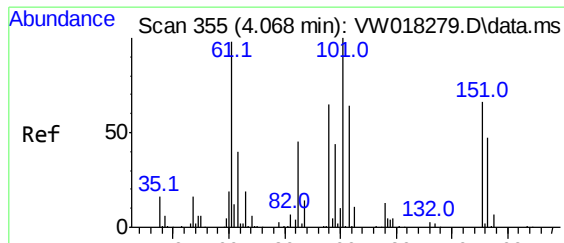
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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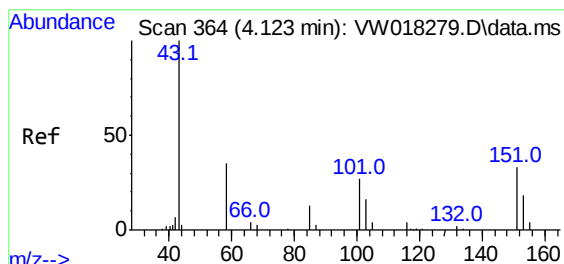
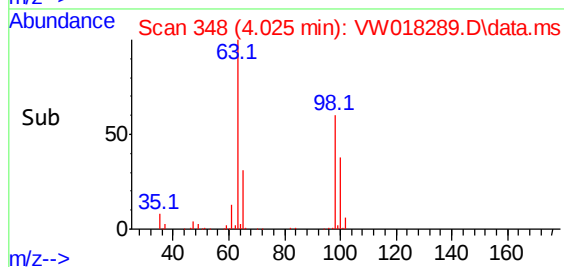
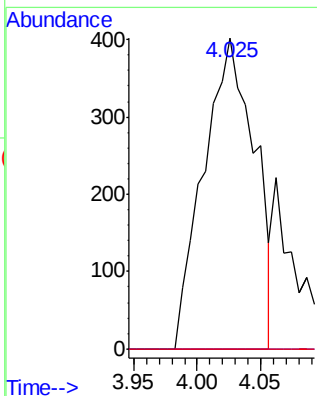
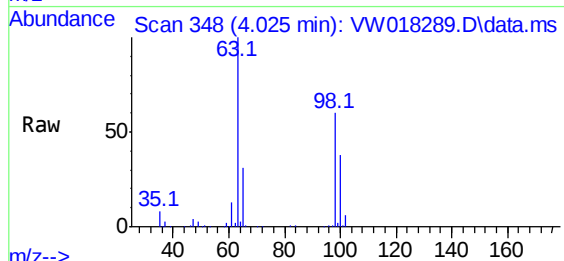


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.29 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.043 min
 Lab File: VW018289.D
 Acq: 10 Mar 2021 15:41

Instrument :
 MSVOA_W
 ClientSampleId :
 BG572

Tgt Ion:101 Resp: 1109

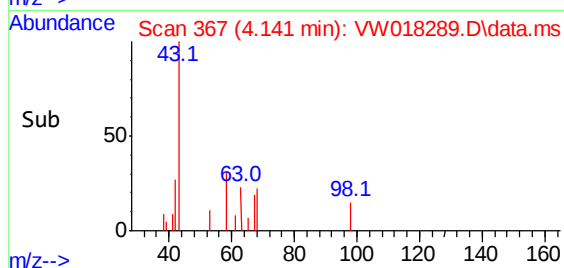
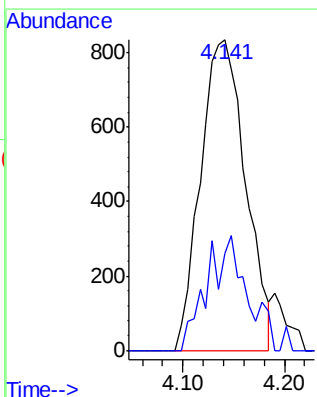
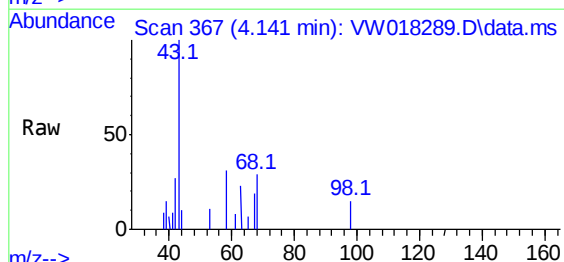
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	58.1	87.1#

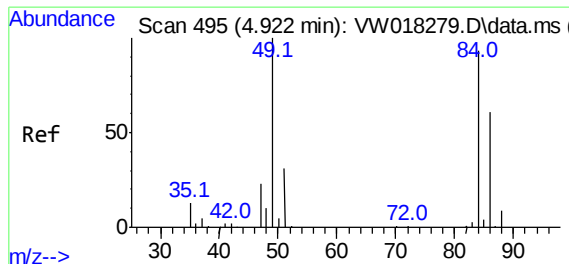


#13
 Acetone
 Concen: 4.71 ug/L
 RT: 4.141 min Scan# 367
 Delta R.T. 0.018 min
 Lab File: VW018289.D
 Acq: 10 Mar 2021 15:41

Tgt Ion: 43 Resp: 2562

Ion	Ratio	Lower	Upper
43	100		
58	16.6	0.0	62.2

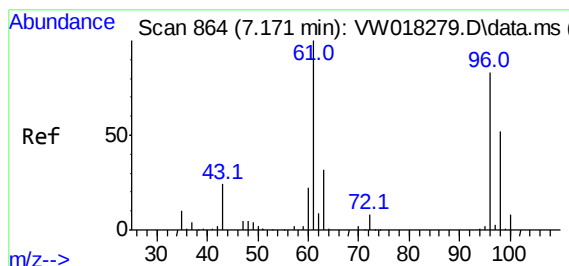
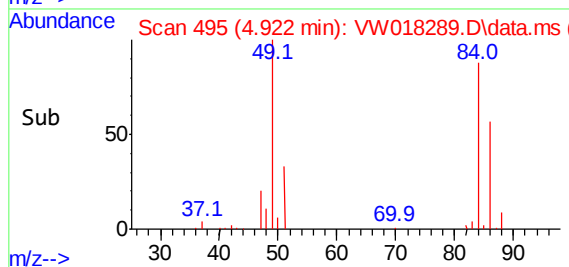
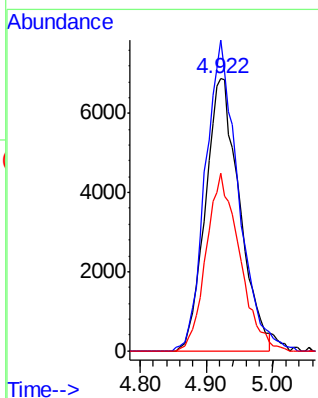
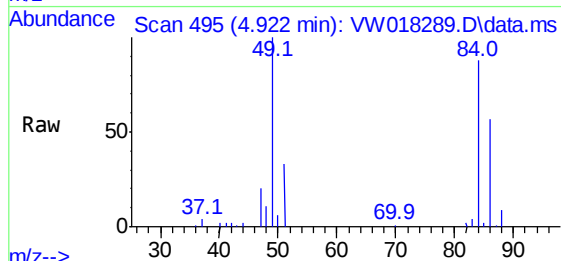




#16
Methylene chloride
Concen: 5.98 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

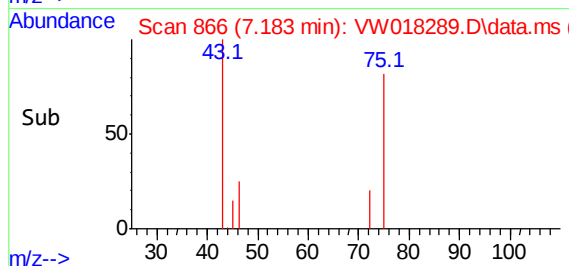
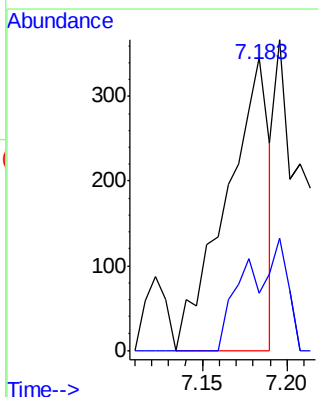
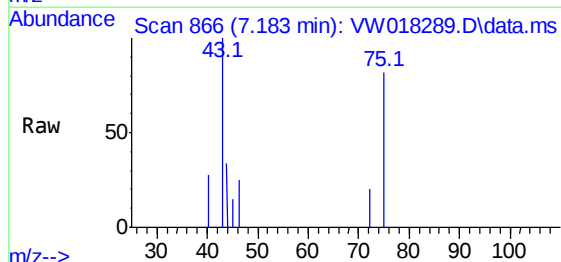
Instrument :
MSVOA_W
ClientSampleId :
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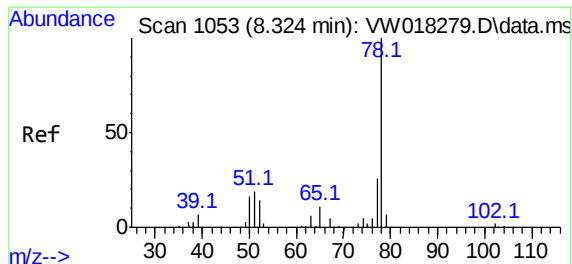
Tgt Ion: 84 Resp: 24665
Ion Ratio Lower Upper
84 100
49 114.2 74.4 138.2
86 65.3 46.1 85.7



#21
2-Butanone
Concen: 0.81 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
72 18.9 16.5 49.5

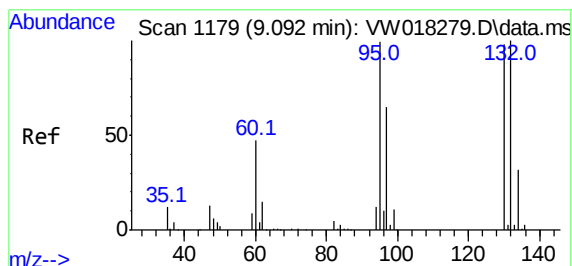
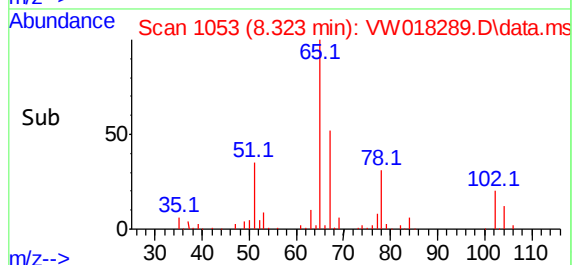
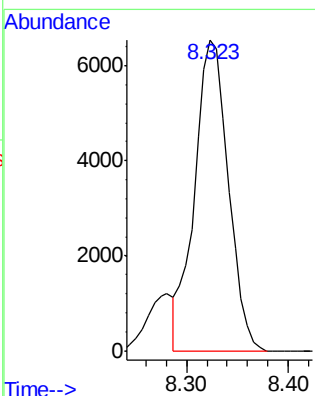
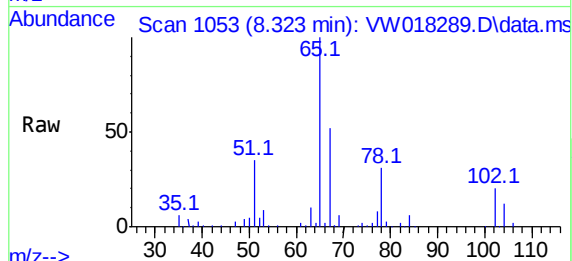




#34
Benzene
Concen: 1.08 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

Instrument :
MSVOA_W
ClientSampled :
BG572

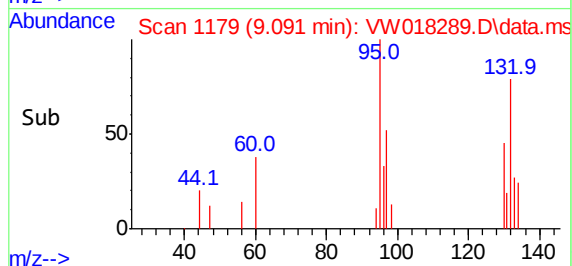
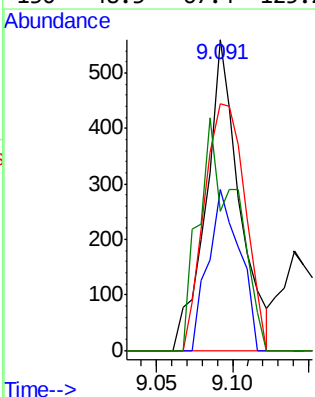
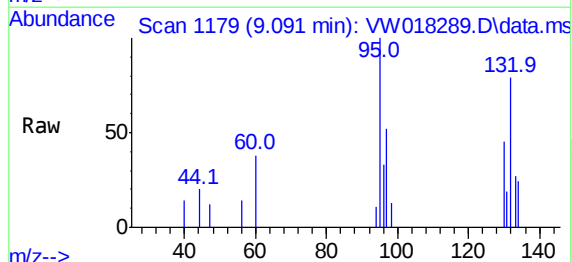
Tgt Ion: 78 Resp: 15125

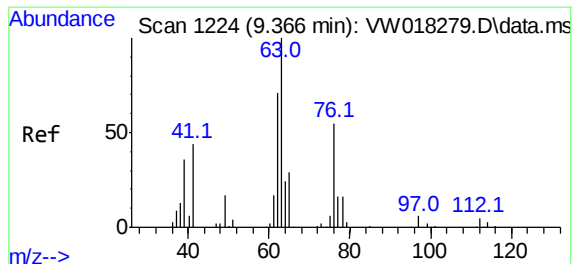


#35
Trichloroethene
Concen: 0.21 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

Tgt Ion: 95 Resp: 847

Ion	Ratio	Lower	Upper
95	100		
97	49.4	44.4	82.4
132	97.6	65.9	122.5
130	48.3	67.4	125.2

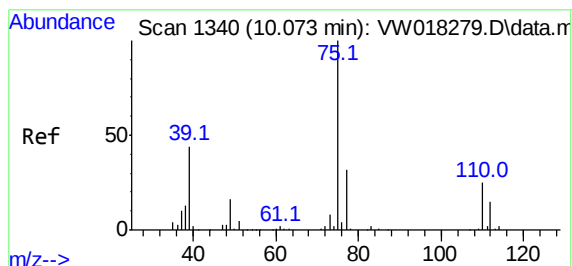
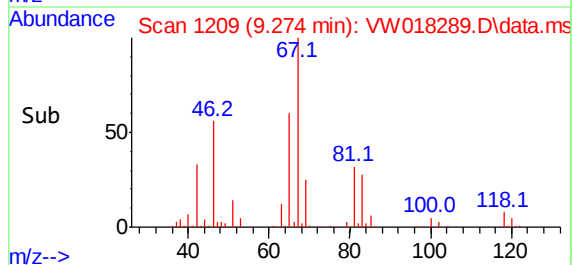
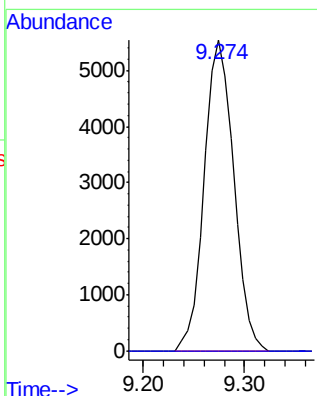
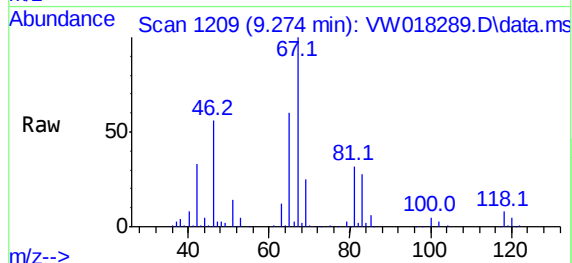




#40
1,2-Dichloropropane
Concen: 3.44 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

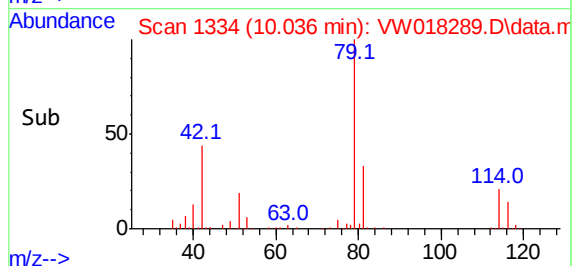
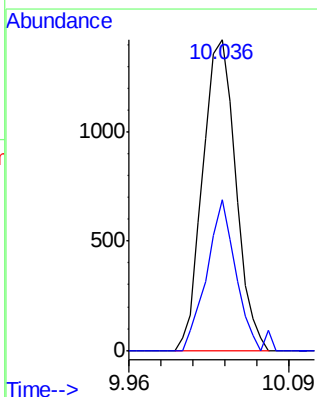
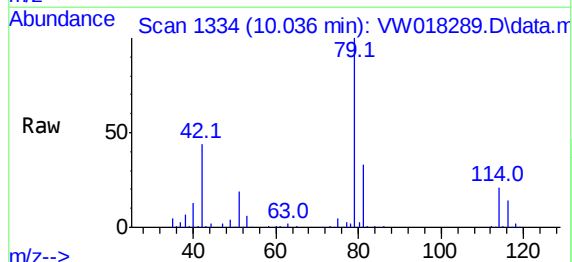
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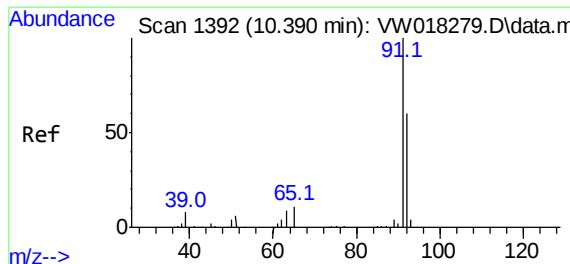
Tgt Ion: 63 Resp: 11181
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

Tgt Ion: 75 Resp: 2512
Ion Ratio Lower Upper
75 100
77 48.5 22.4 41.6#

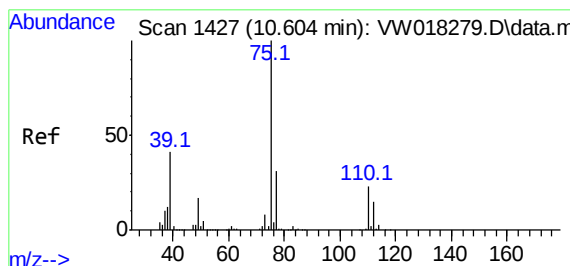
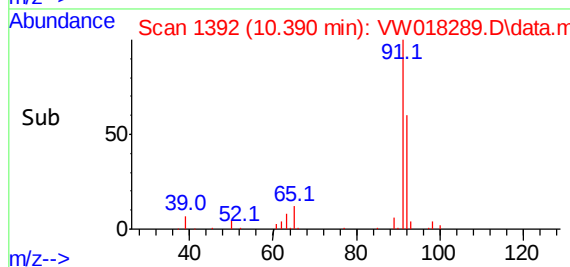
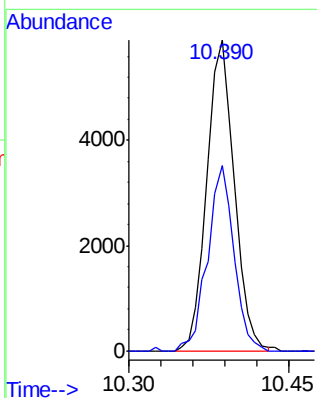
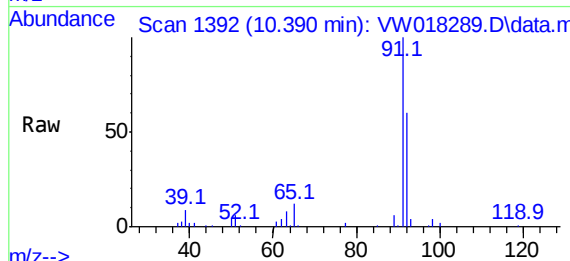




#44
Toluene
Concen: 0.66 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

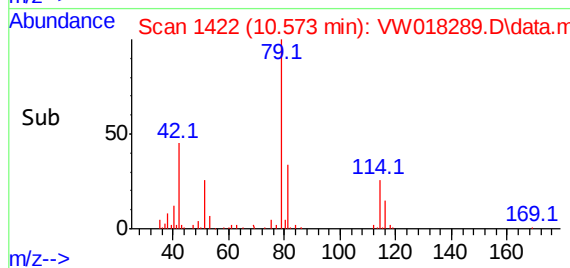
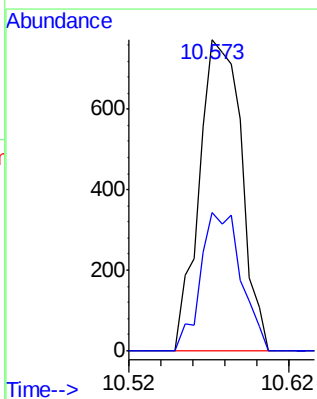
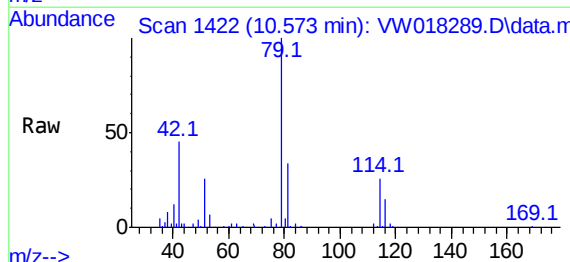
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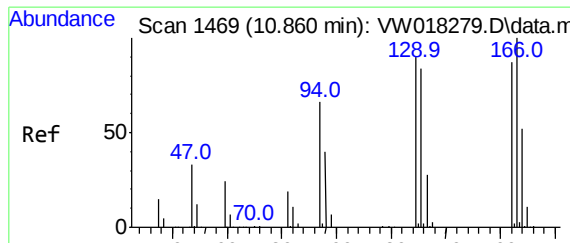
Tgt Ion: 91 Resp: 10319
Ion Ratio Lower Upper
91 100
92 59.7 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

Tgt Ion: 75 Resp: 1486
Ion Ratio Lower Upper
75 100
77 44.4 22.6 42.0#

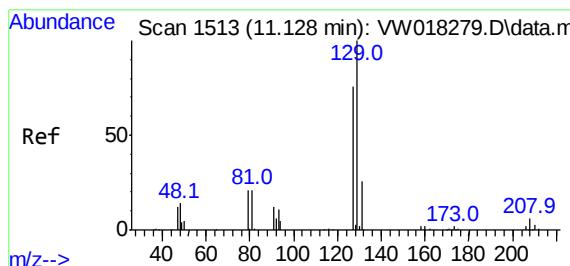
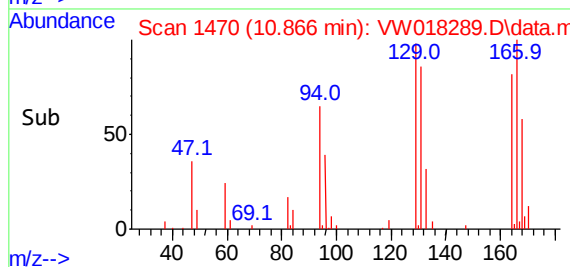
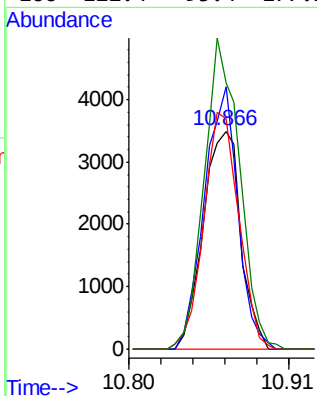
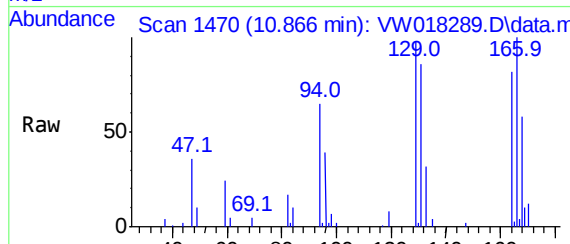




#47
Tetrachloroethene
Concen: 2.14 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

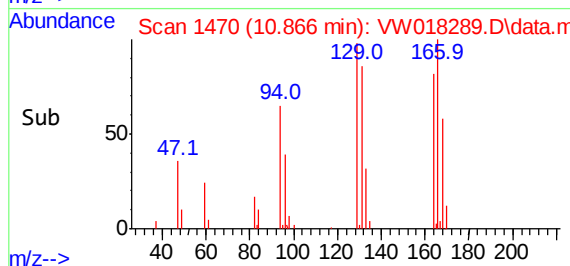
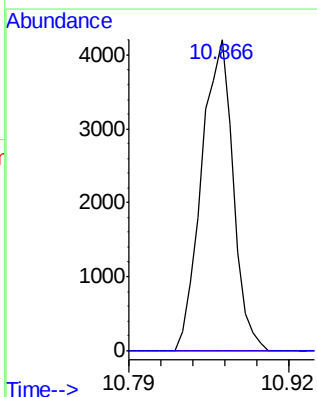
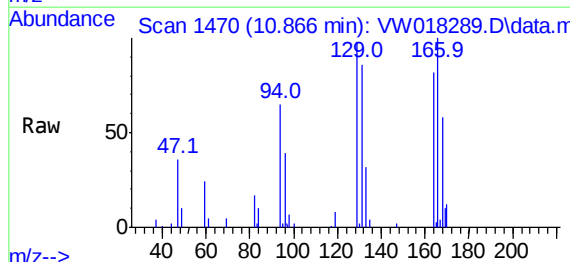
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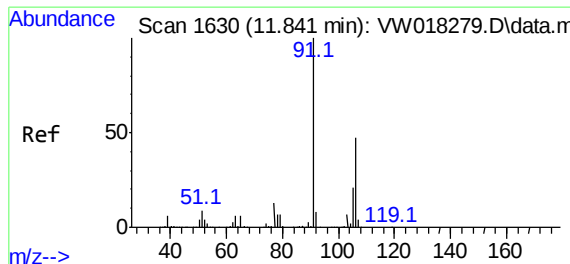
Tgt Ion:164 Resp: 6566
Ion Ratio Lower Upper
164 100
129 120.3 68.8 127.8
131 105.4 68.3 126.8
166 122.4 95.4 177.2



#50
Dibromochloromethane
Concen: 2.15 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW018289.D
Acq: 10 Mar 2021 15:41

Tgt Ion:129 Resp: 7063
Ion Ratio Lower Upper
129 100
127 0.0 58.0 107.6#





#54
 m,p-Xylene
 Concen: 0.34 ug/L
 RT: 11.835 min Scan# 1629
 Delta R.T. -0.006 min
 Lab File: VW018289.D
 Acq: 10 Mar 2021 15:41

Instrument :
 MSVOA_W
 ClientSampleId :
 BG572

Tgt Ion:106 Resp: 2321
 Ion Ratio Lower Upper
 106 100
 91 210.8 145.3 269.8

