

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018120.D
 Acq On : 12 Feb 2021 19:11
 Operator : SY/VA
 Sample : M1370-12
 Misc : 4.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY8

Quant Time: Feb 12 22:49:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

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

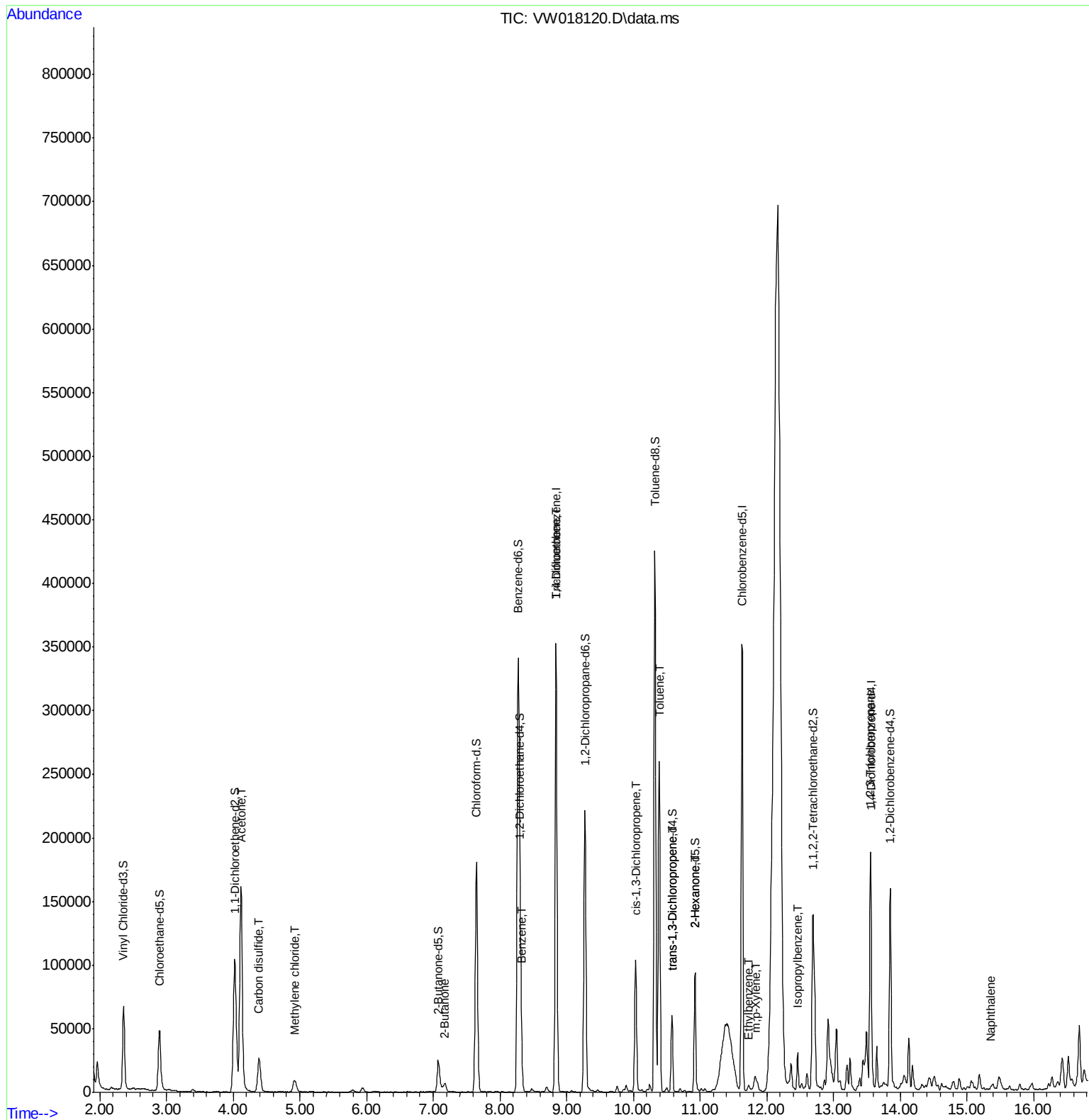
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	320820	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	213087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	53171	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	79180	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.44%		
7) Chloroethane-d5	2.891	69	70136	22.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.64%		
10) 1,1-Dichloroethene-d2	4.025	63	117641	14.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.04%		
20) 2-Butanone-d5	7.074	46	43464	40.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.70%		
24) Chloroform-d	7.647	84	192034	22.81	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.24%		
26) 1,2-Dichloroethane-d4	8.305	65	96338	21.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.92%		
29) Benzene-d6	8.275	84	369125	31.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	126.20%		
33) 1,2-Dichloropropane-d6	9.274	67	104507	31.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	127.76%#		
37) Toluene-d8	10.323	98	287027	25.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.12%		
38) trans-1,3-Dichloroprop...	10.579	79	35390	23.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.44%		
39) 2-Hexanone-d5	10.926	63	34209	54.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.36%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	61525	21.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.60%		
61) 1,2-Dichlorobenzene-d4	13.853	152	43460	22.91	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.64%		
Target Compounds						Qvalue
13) Acetone	4.117	43	275461	349.93	ug/L	99
14) Carbon disulfide	4.385	76	56535	4.53	ug/L	100
16) Methylene chloride	4.921	84	8860	1.72	ug/L	92
21) 2-Butanone	7.171	43	11506	9.60	ug/L	98
34) Benzene	8.323	78	8762	0.70	ug/L	100
35) Trichloroethene	8.841	95	9203	2.62	ug/L #	3
42) cis-1,3-Dichloropropene	10.036	75	2564	0.56	ug/L #	56
44) Toluene	10.390	91	202502	14.77	ug/L	98
45) trans-1,3-Dichloropropene	10.579	75	1436	0.36	ug/L #	59
49) 2-Hexanone	10.926	43	4291	3.47	ug/L #	56
53) Ethylbenzene	11.731	91	3454	0.22	ug/L	96
54) m,p-Xylene	11.835	106	2284	0.38	ug/L	94
57) Isopropylbenzene	12.463	105	16734	1.07	ug/L #	97
59) 1,2,3-Trichloropropane	13.554	75	5582	2.55	ug/L	92
69) Naphthalene	15.365	128	2626	0.62	ug/L #	94

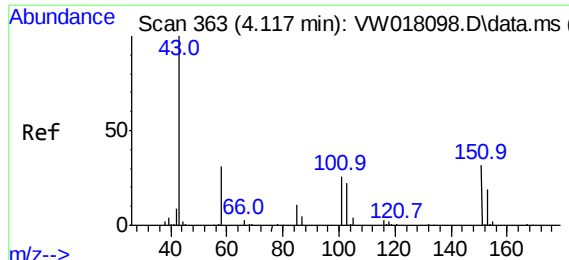
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 12 22:41:34 2021
Response via : Initial Calibration

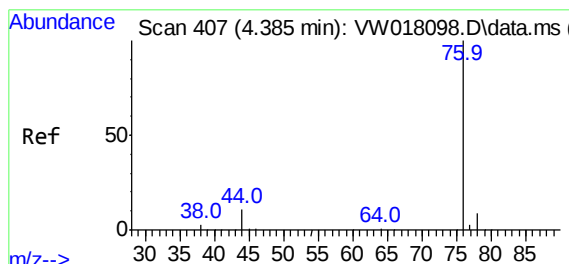
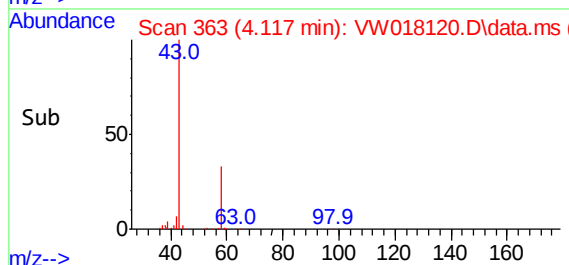
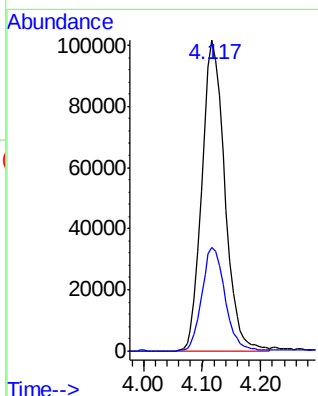
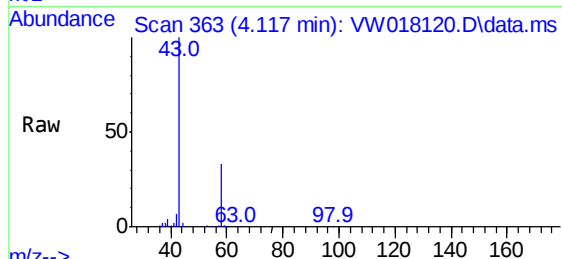




#13
Acetone
Concen: 349.93 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

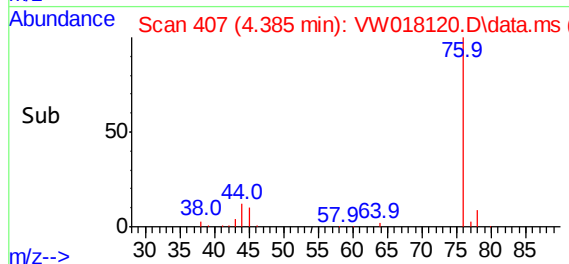
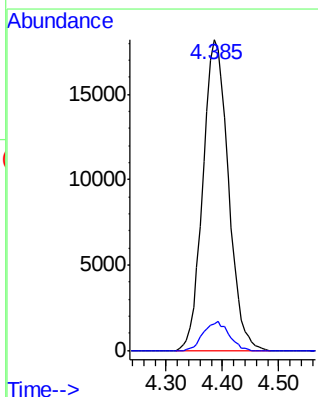
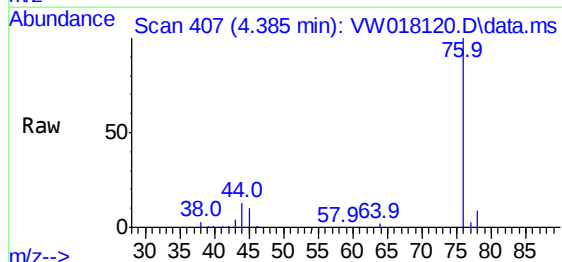
Instrument :
MSVOA_W
ClientSampled :
DBGY8

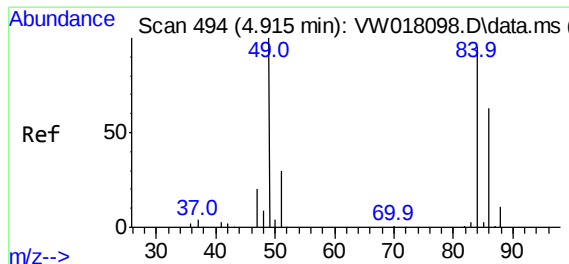
Tgt Ion: 43 Resp: 275461
Ion Ratio Lower Upper
43 100
58 33.5 0.0 68.4



#14
Carbon disulfide
Concen: 4.53 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 76 Resp: 56535
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

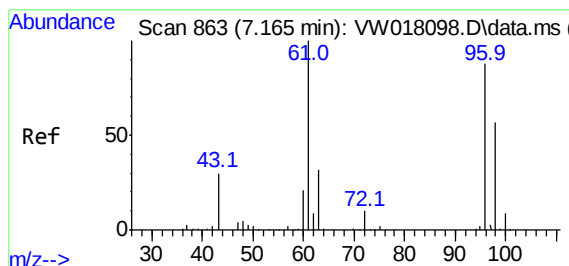
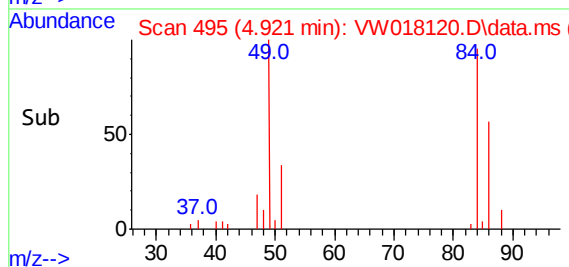
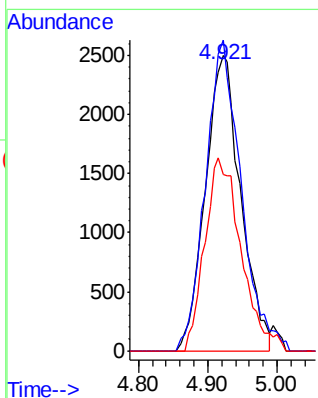
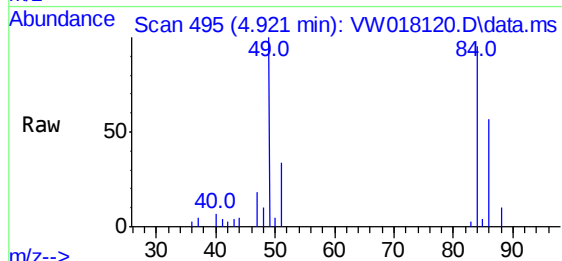




#16
Methylene chloride
Concen: 1.72 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

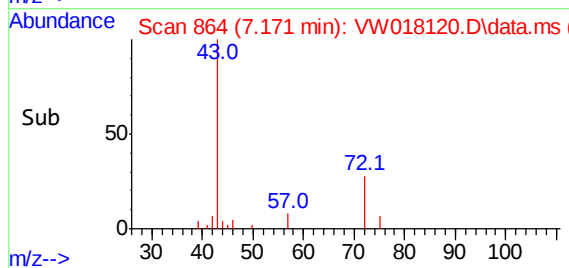
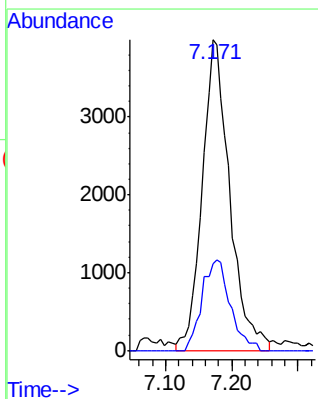
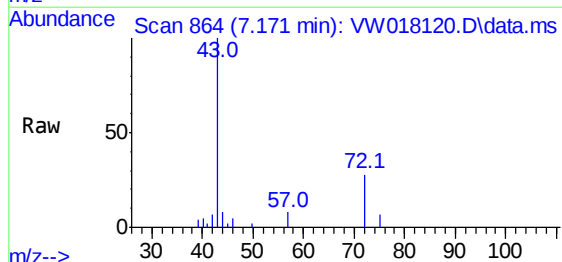
Instrument :
MSVOA_W
ClientSampleId :
DBGY8

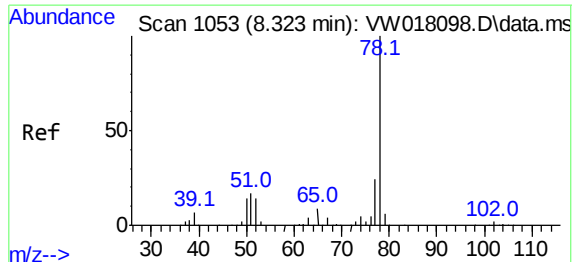
Tgt Ion: 84 Resp: 8860
Ion Ratio Lower Upper
84 100
49 105.0 81.2 150.8
86 59.7 44.5 82.7



#21
2-Butanone
Concen: 9.60 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 43 Resp: 11506
Ion Ratio Lower Upper
43 100
72 29.7 14.4 43.2

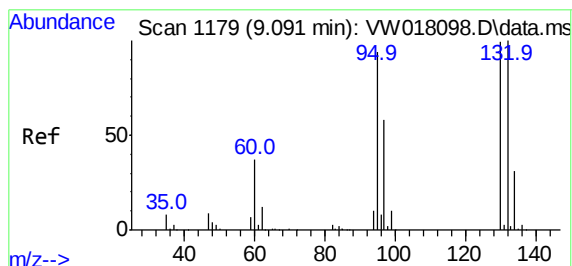
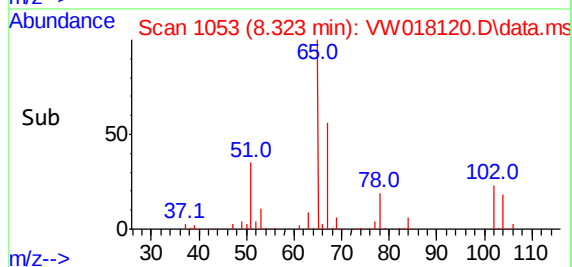
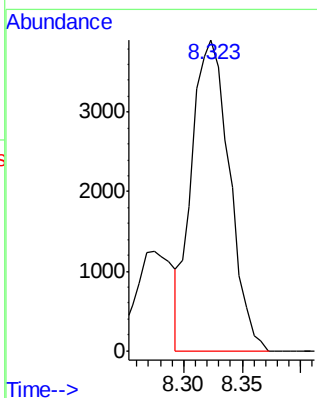
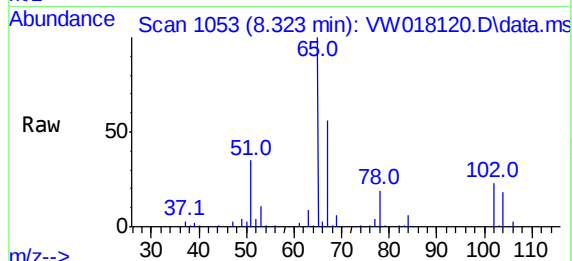




#34
Benzene
Concen: 0.70 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Instrument :
MSVOA_W
ClientSampleId :
DBGY8

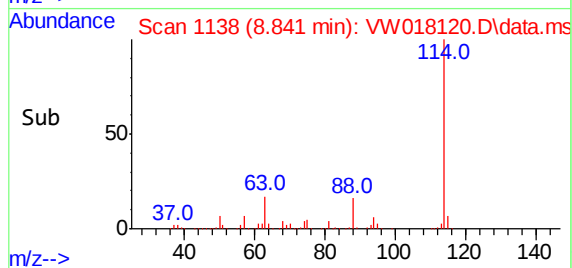
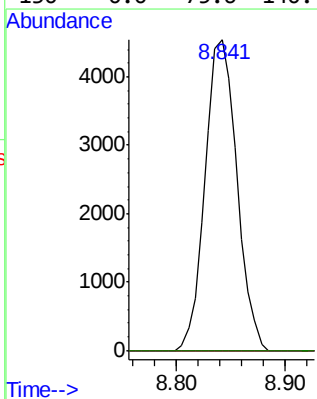
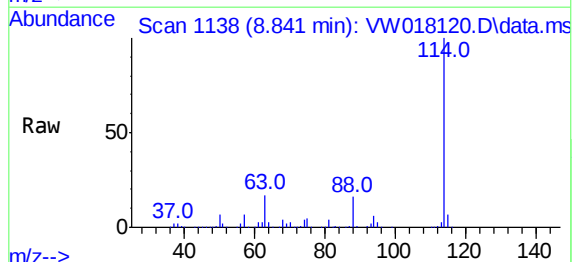
Tgt Ion: 78 Resp: 8762

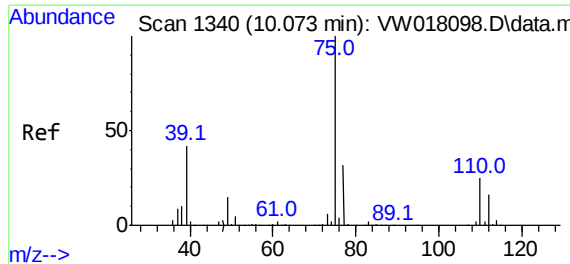


#35
Trichloroethene
Concen: 2.62 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 95 Resp: 9203

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	71.0	131.8#
130	0.0	75.6	140.4#

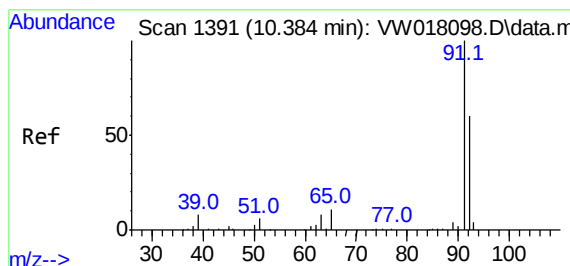
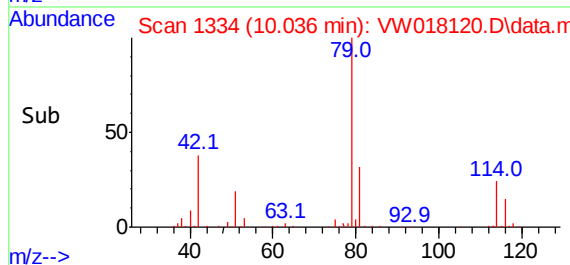
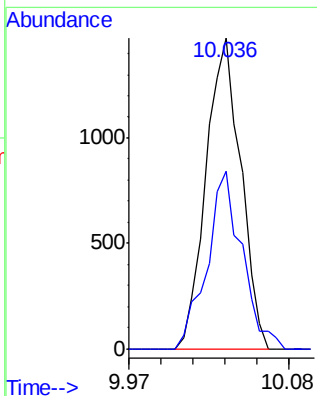
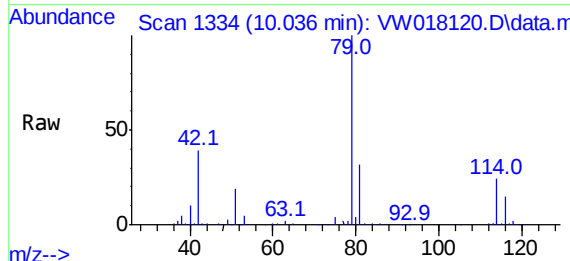




#42
cis-1,3-Dichloropropene
Concen: 0.56 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

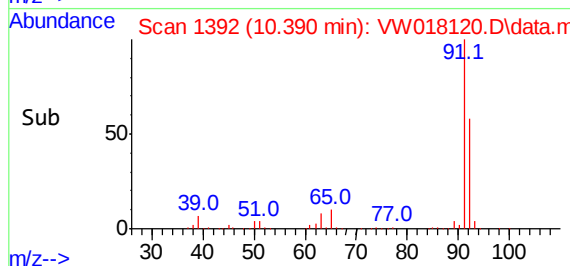
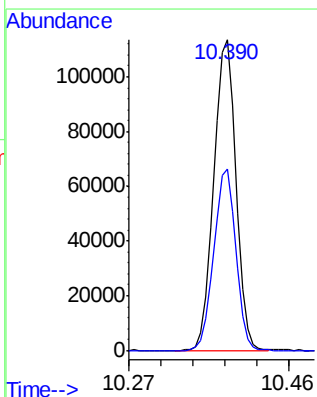
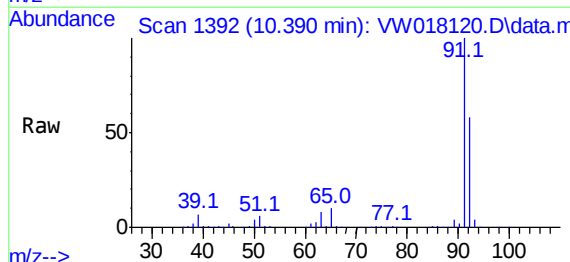
Instrument :
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ClientSampled :
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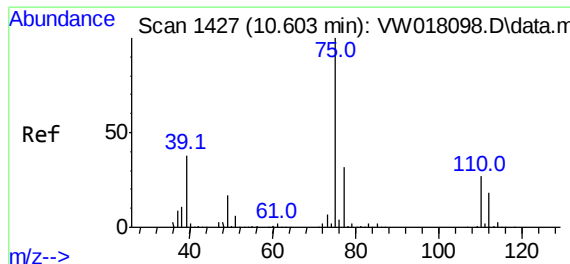
Tgt Ion: 75 Resp: 2564
Ion Ratio Lower Upper
75 100
77 57.2 22.7 42.3#



#44
Toluene
Concen: 14.77 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 91 Resp: 202502
Ion Ratio Lower Upper
91 100
92 58.3 41.6 77.3

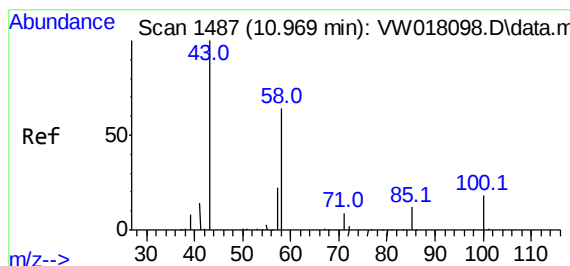
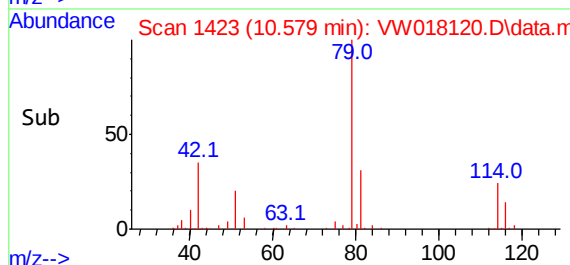
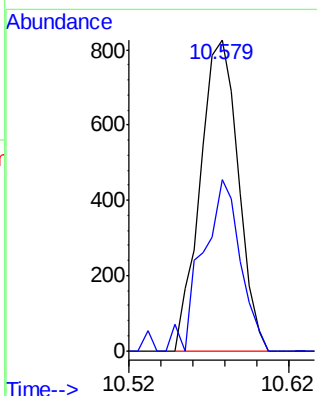
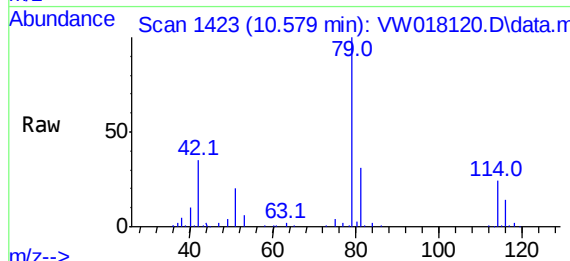




#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

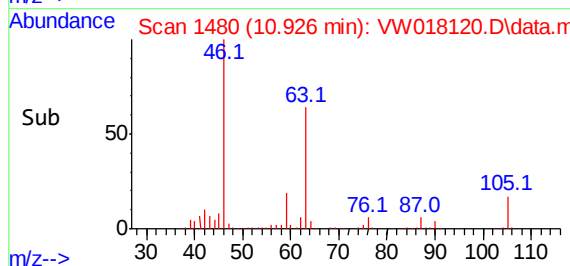
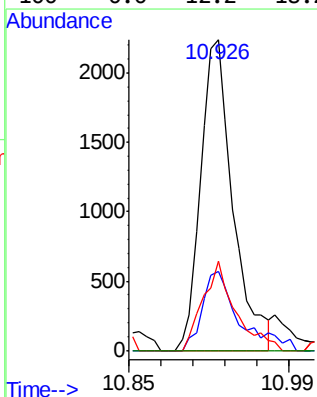
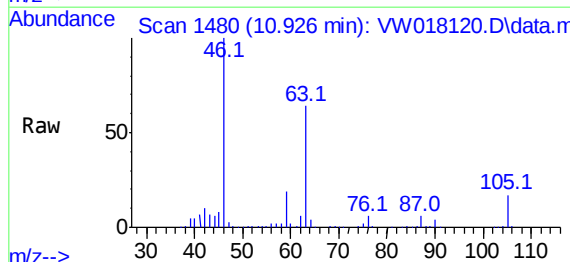
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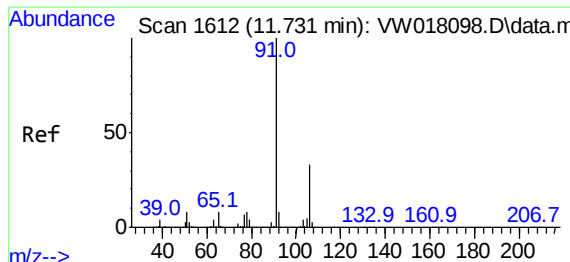
Tgt Ion: 75 Resp: 1436
Ion Ratio Lower Upper
75 100
77 55.2 22.6 42.0#



#49
2-Hexanone
Concen: 3.47 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 43 Resp: 4291
Ion Ratio Lower Upper
43 100
58 23.8 51.3 76.9#
57 28.9 15.0 22.6#
100 0.0 12.2 18.2#

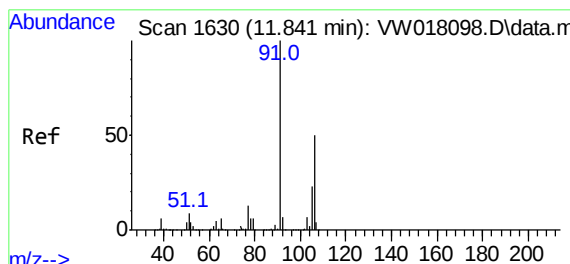
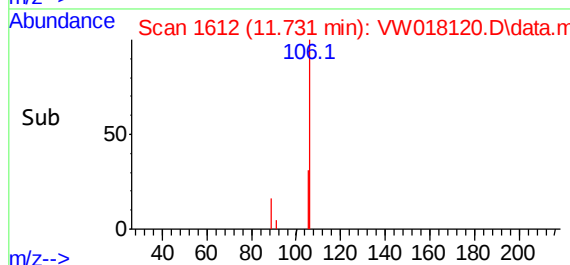
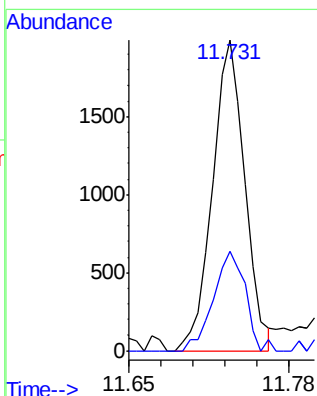
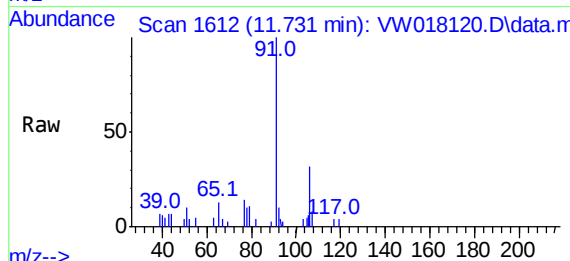




#53
Ethylbenzene
Concen: 0.22 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

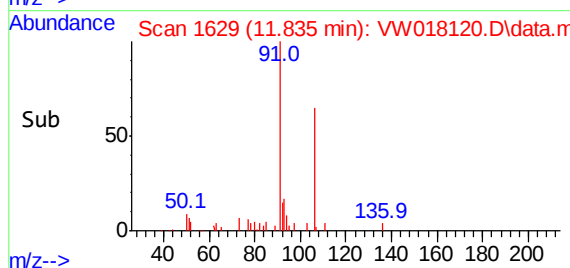
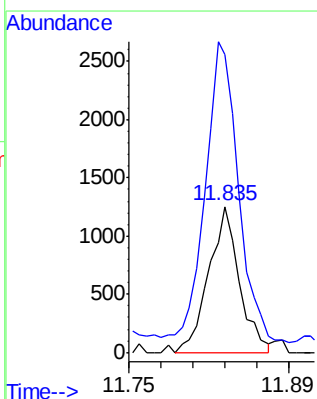
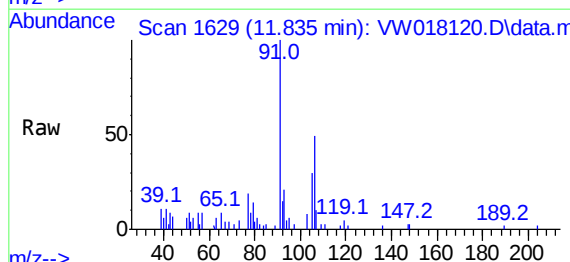
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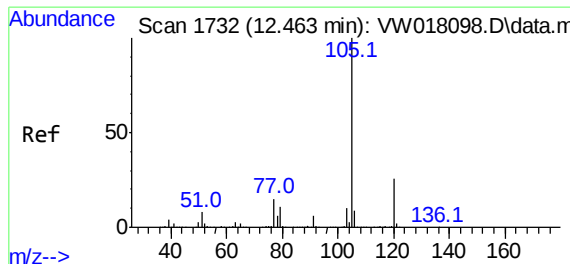
Tgt Ion: 91 Resp: 3454
Ion Ratio Lower Upper
91 100
106 32.1 21.1 39.1



#54
m,p-Xylene
Concen: 0.38 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 106 Resp: 2284
Ion Ratio Lower Upper
106 100
91 203.4 136.4 253.4

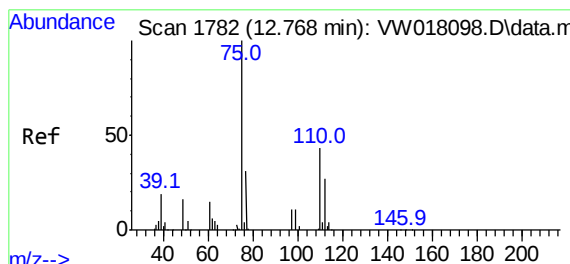
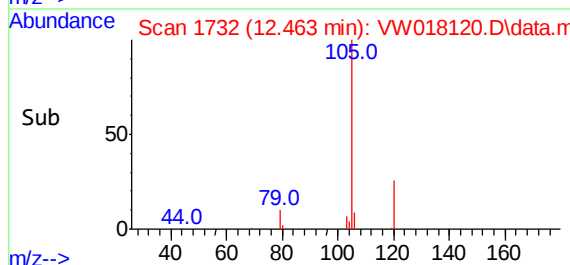
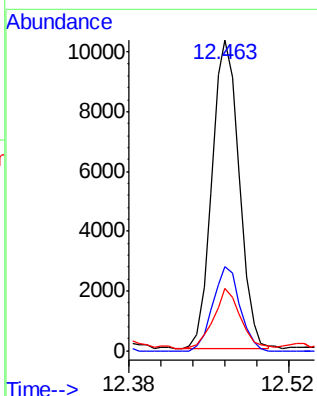
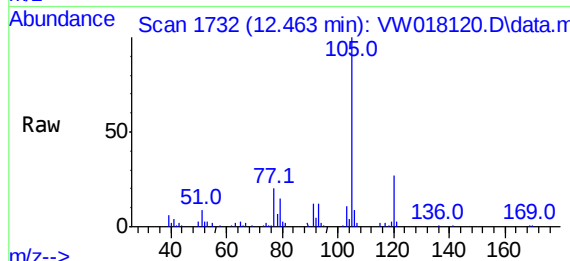




#57
Isopropylbenzene
Concen: 1.07 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

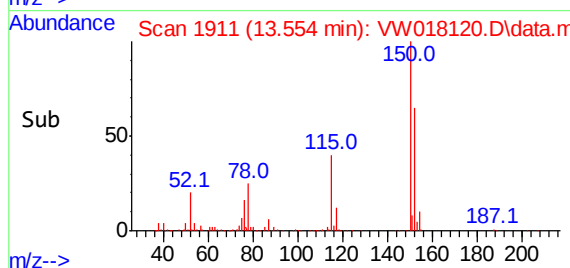
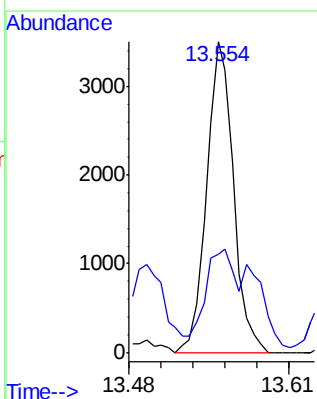
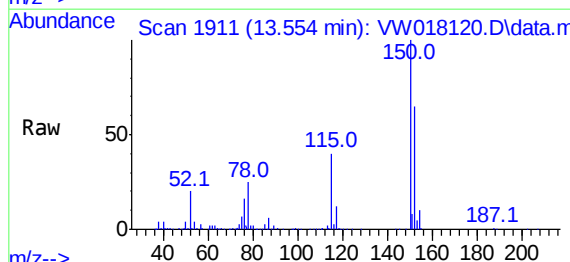
Instrument :
MSVOA_W
ClientSampled :
DBGY8

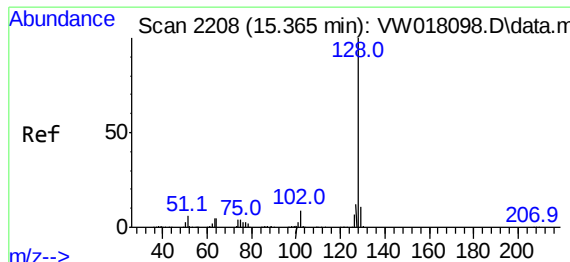
Tgt Ion:105 Resp: 16734
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 18.7 12.1 18.1#



#59
1,2,3-Trichloropropane
Concen: 2.55 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Tgt Ion: 75 Resp: 5582
Ion Ratio Lower Upper
75 100
77 37.8 26.6 39.8





#69
Naphthalene
Concen: 0.62 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018120.D
Acq: 12 Feb 2021 19:11

Instrument :
MSVOA_W
ClientSampleId :
DBGY8

Tgt Ion:128 Resp: 2626
Ion Ratio Lower Upper
128 100
129 7.3 8.7 13.1#
127 12.3 10.7 16.1

