

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018153.D
 Acq On : 16 Feb 2021 11:27
 Operator : SY/VA
 Sample : M1370-22MSD
 Misc : 3.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ8MSD

Quant Time: Feb 17 01:03:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

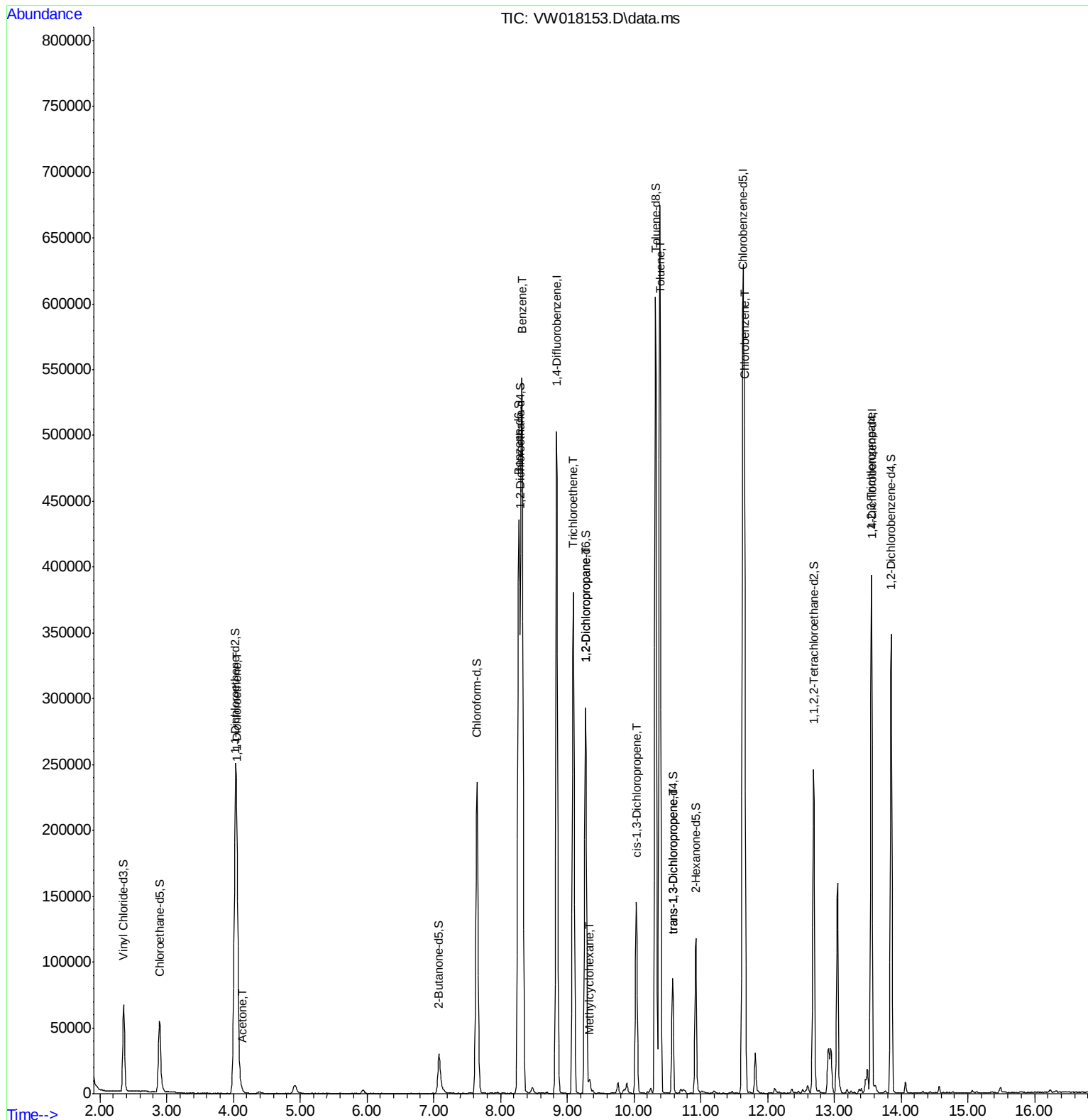
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	452937	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342096	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	110599	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	77991	13.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.40%		
7) Chloroethane-d5	2.891	69	77015	17.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.96%		
10) 1,1-Dichloroethene-d2	4.025	63	196080	17.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.68%		
20) 2-Butanone-d5	7.080	46	50892	33.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.76%		
24) Chloroform-d	7.647	84	250008	21.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.12%		
26) 1,2-Dichloroethane-d4	8.305	65	124254	19.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.52%		
29) Benzene-d6	8.275	84	474570	25.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.04%		
33) 1,2-Dichloropropane-d6	9.274	67	138745	26.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.64%		
37) Toluene-d8	10.323	98	415199	23.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.92%		
38) trans-1,3-Dichloroprop...	10.579	79	51208	21.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.00%		
39) 2-Hexanone-d5	10.927	63	42209	42.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.04%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	100655	21.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.24%		
61) 1,2-Dichlorobenzene-d4	13.853	152	98348	24.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.72%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.050	96	115265	19.05	ug/L	90
13) Acetone	4.129	43	2869	2.58	ug/L	62
34) Benzene	8.323	78	494753	24.75	ug/L	100
35) Trichloroethene	9.091	95	131856	23.40	ug/L	98
36) Methylcyclohexane	9.335	83	3381	0.36	ug/L #	85
40) 1,2-Dichloropropane	9.274	63	15498	3.38	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3787	0.51	ug/L #	72
44) Toluene	10.390	91	515010	23.40	ug/L	100
45) trans-1,3-Dichloropropene	10.579	75	2149	0.33	ug/L #	68
52) Chlorobenzene	11.658	112	285184	19.67	ug/L	97
59) 1,2,3-Trichloropropane	13.554	75	11555	3.29	ug/L	97

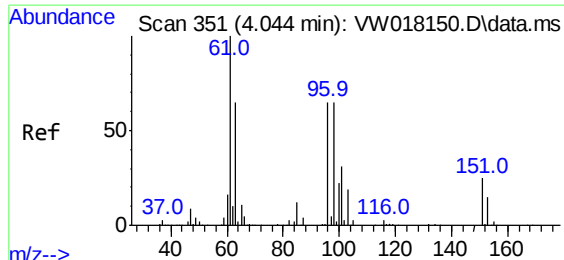
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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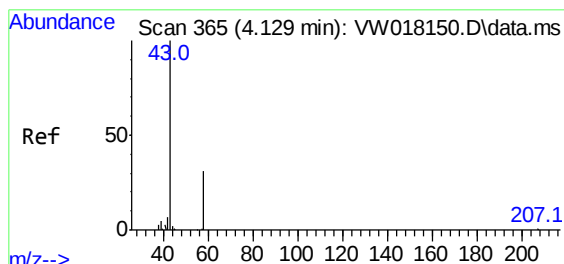
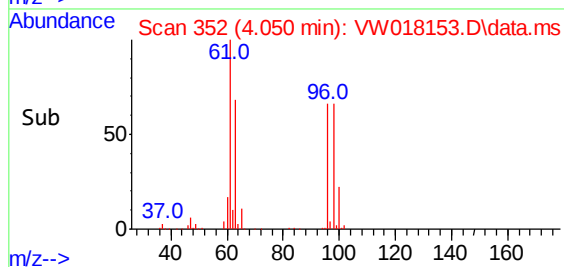
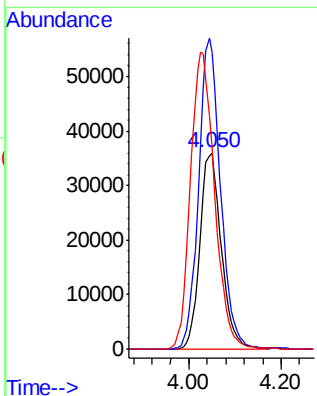
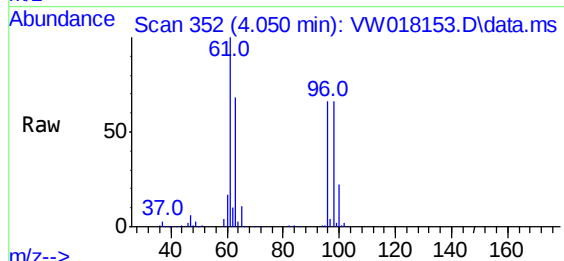




#12
1,1-Dichloroethene
Concen: 19.05 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

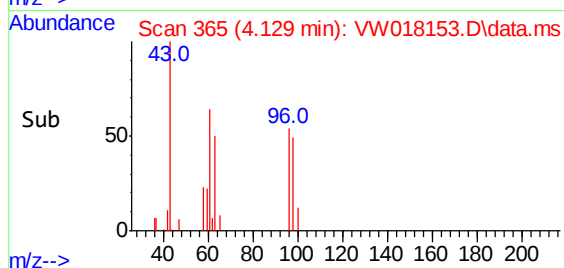
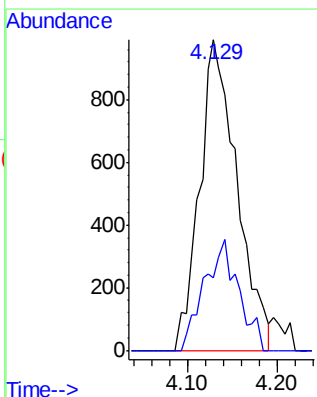
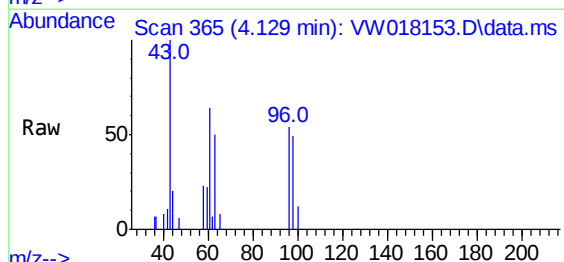
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

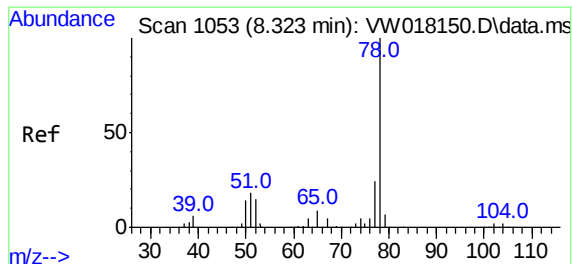
Tgt Ion: 96 Resp: 115265
Ion Ratio Lower Upper
96 100
61 151.7 112.5 208.9
63 103.0 83.1 154.3



#13
Acetone
Concen: 2.58 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

Tgt Ion: 43 Resp: 2869
Ion Ratio Lower Upper
43 100
58 12.6 0.0 68.4

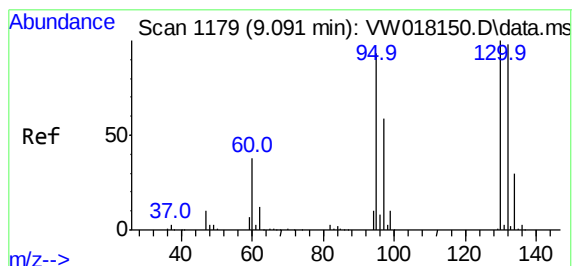
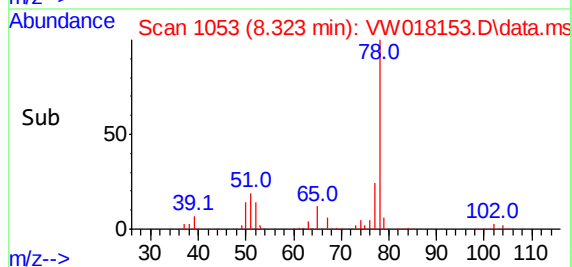
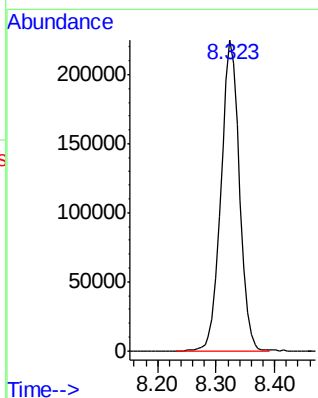
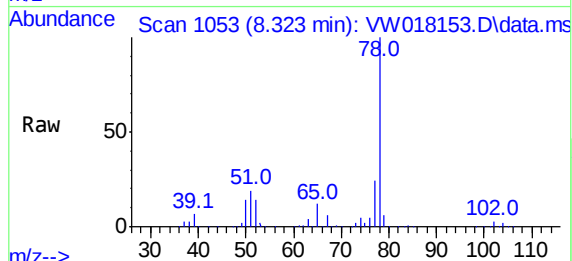




#34
Benzene
Concen: 24.75 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

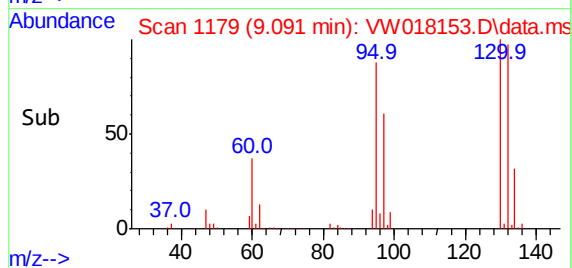
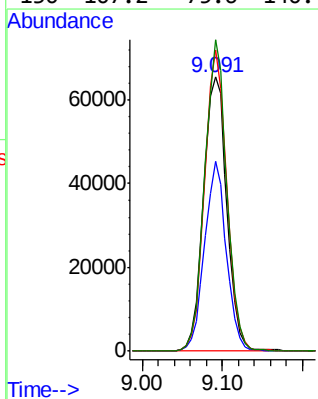
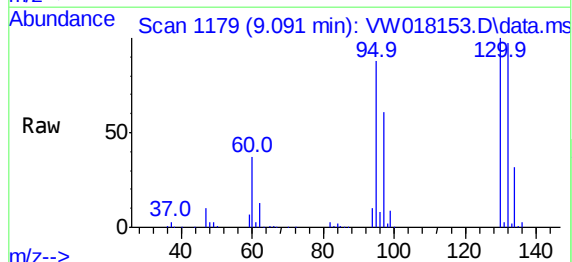
Tgt Ion: 78 Resp: 494753

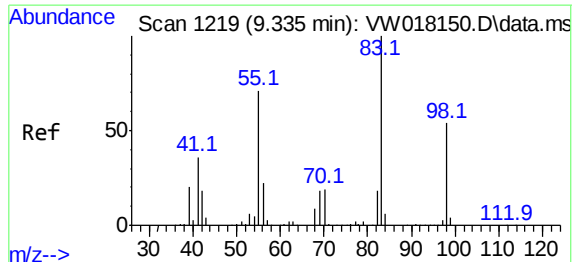


#35
Trichloroethene
Concen: 23.40 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

Tgt Ion: 95 Resp: 131856

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.0	83.6
132	104.8	71.0	131.8
130	107.2	75.6	140.4

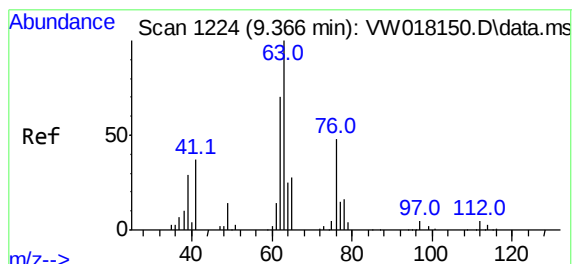
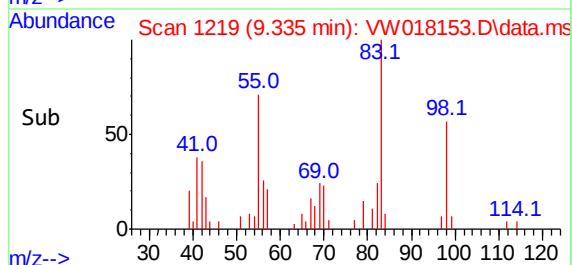
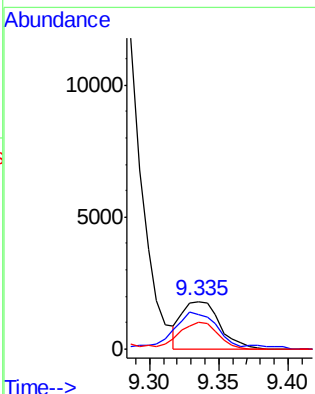
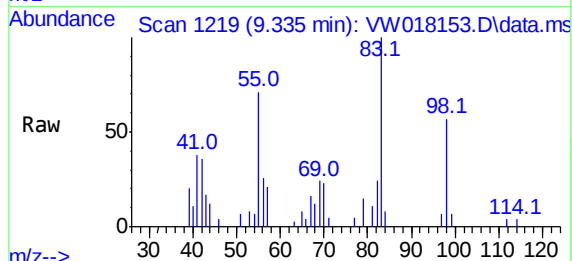




#36
Methylcyclohexane
Concen: 0.36 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

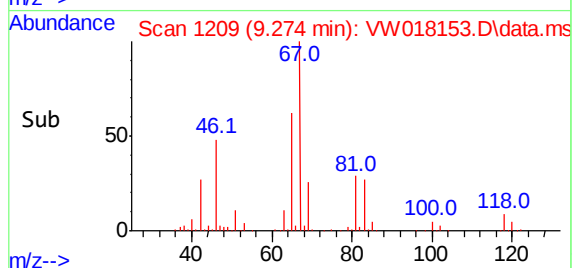
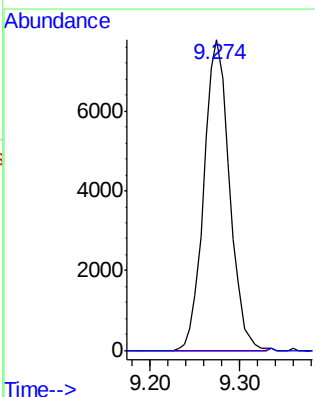
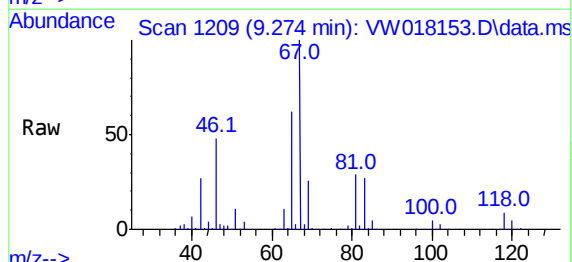
Instrument :
MSVOA_W
ClientSampleId :
DBGZ8MSD

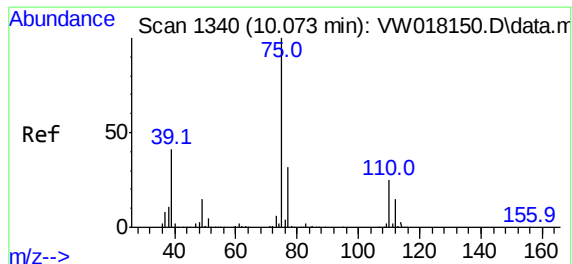
Tgt Ion: 83 Resp: 3381
Ion Ratio Lower Upper
83 100
55 89.3 59.4 89.0#
98 58.1 40.7 61.1



#40
1,2-Dichloropropane
Concen: 3.38 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

Tgt Ion: 63 Resp: 15498
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

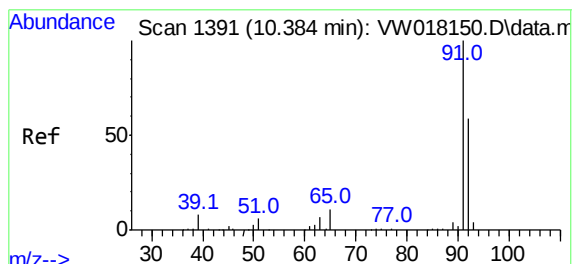
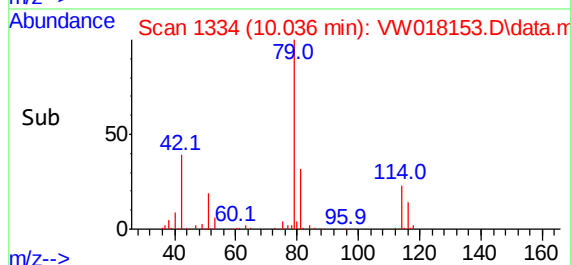
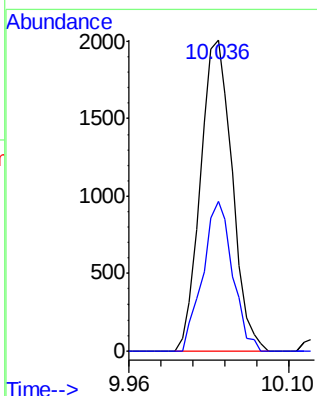
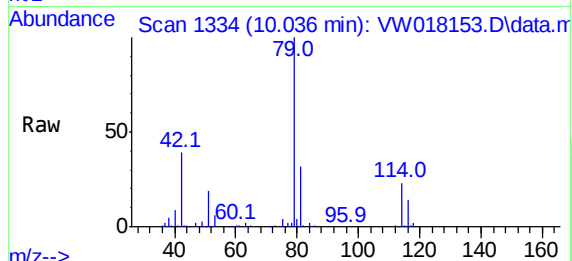




#42
cis-1,3-Dichloropropene
Concen: 0.51 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

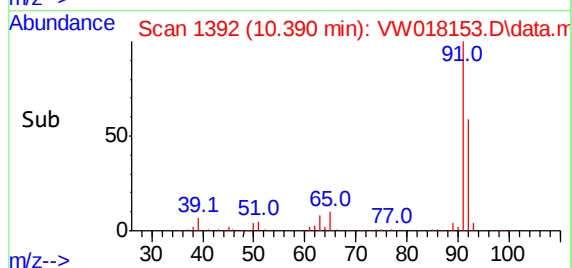
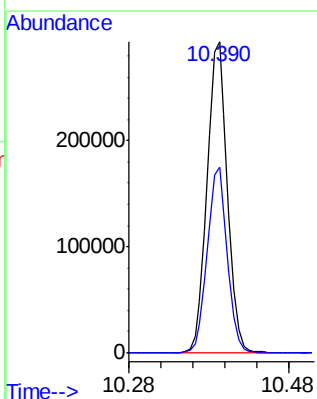
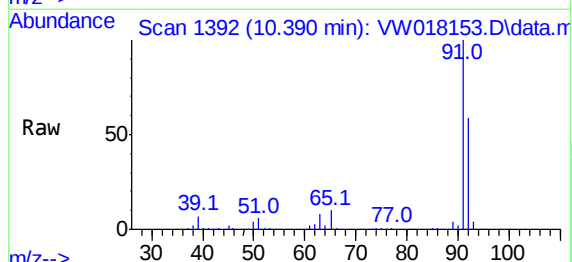
Instrument :
MSVOA_W
ClientSampled :
DBGZ8MSD

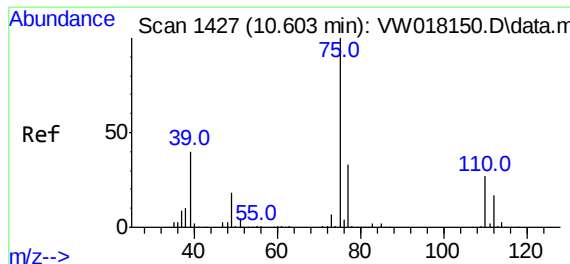
Tgt Ion: 75 Resp: 3787
Ion Ratio Lower Upper
75 100
77 48.3 22.7 42.3#



#44
Toluene
Concen: 23.40 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

Tgt Ion: 91 Resp: 515010
Ion Ratio Lower Upper
91 100
92 59.5 41.6 77.3

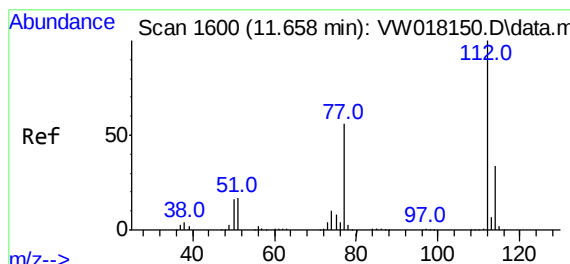
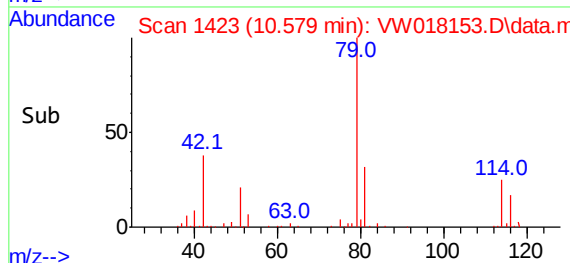
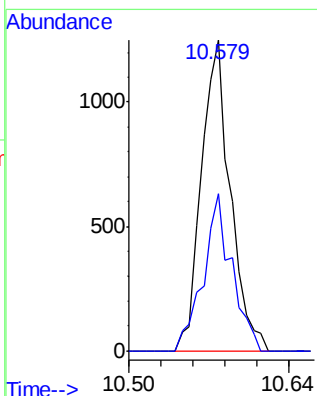
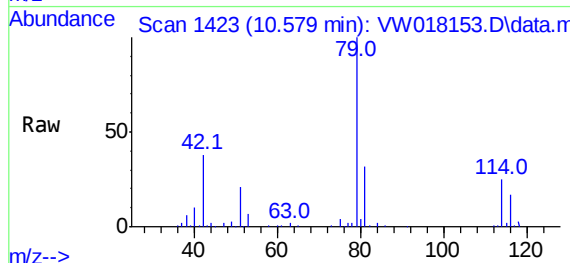




#45
trans-1,3-Dichloropropene
Concen: 0.33 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

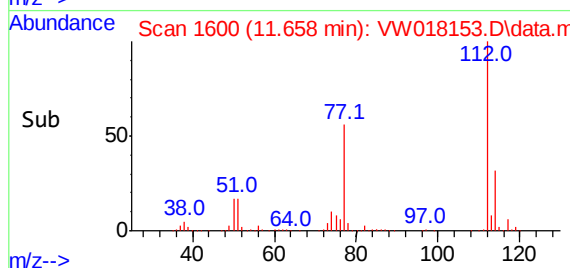
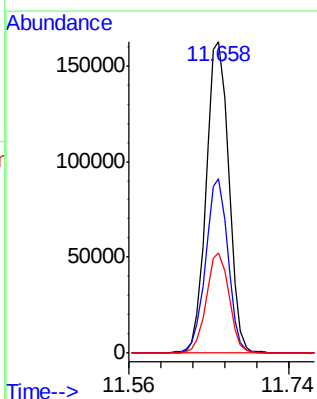
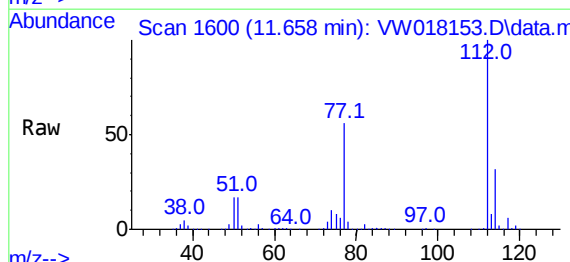
Instrument :
MSVOA_W
ClientSampled :
DBGZ8MSD

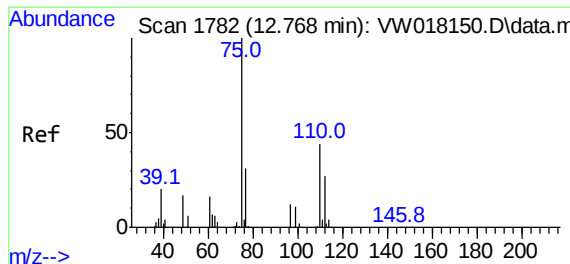
Tgt Ion: 75 Resp: 2149
Ion Ratio Lower Upper
75 100
77 50.4 22.6 42.0#



#52
Chlorobenzene
Concen: 19.67 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018153.D
Acq: 16 Feb 2021 11:27

Tgt Ion: 112 Resp: 285184
Ion Ratio Lower Upper
112 100
77 55.8 42.6 64.0
114 32.2 21.6 40.2





#59
 1,2,3-Trichloropropane
 Concen: 3.29 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018153.D
 Acq: 16 Feb 2021 11:27

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ8MSD

Tgt Ion: 75 Resp: 11555
 Ion Ratio Lower Upper
 75 100
 77 35.2 26.6 39.8

