

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018072.D
 Acq On : 10 Feb 2021 19:09
 Operator : SY/VA
 Sample : M1371-06MSD
 Misc : 6.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:59:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

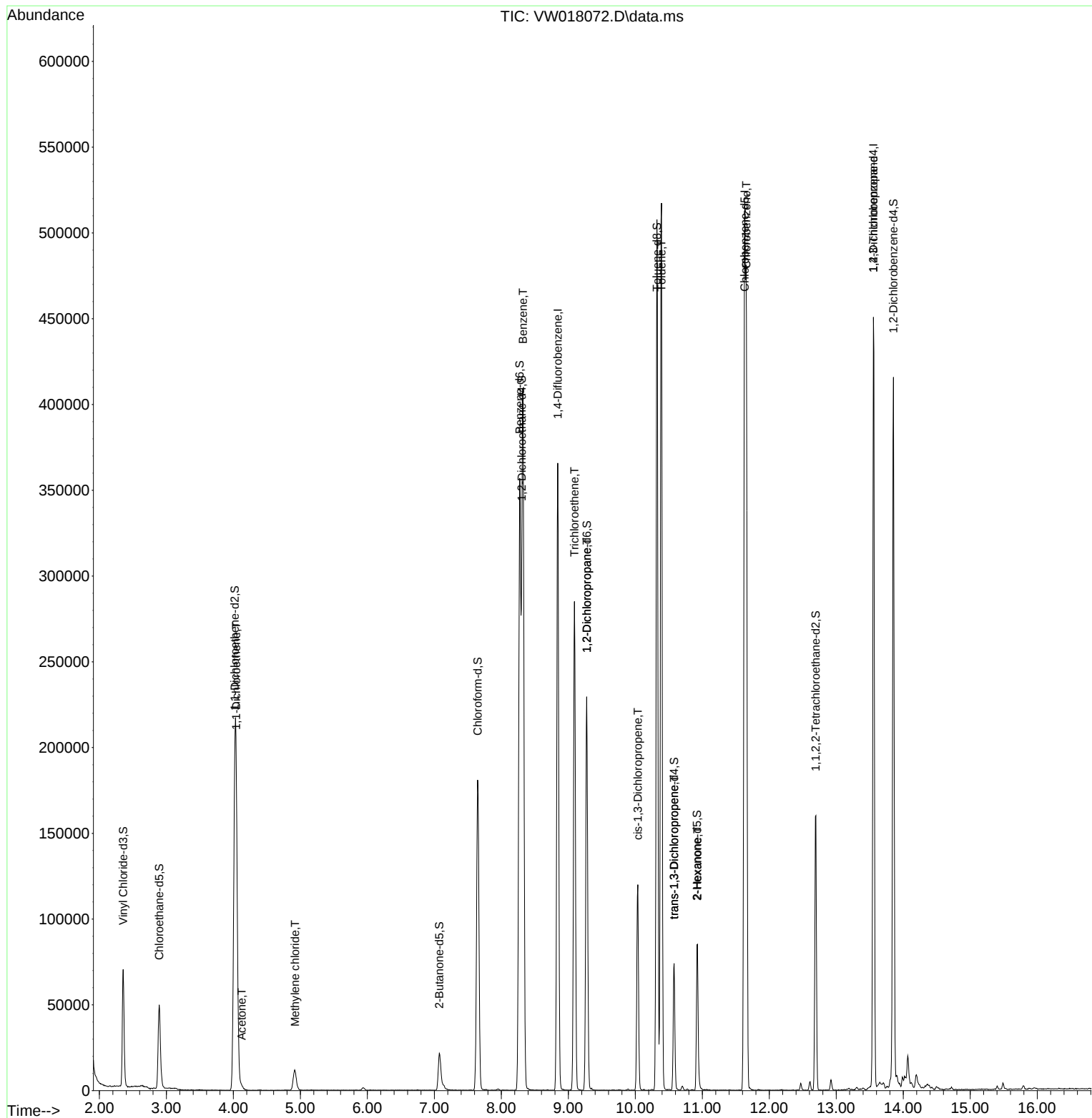
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	322728	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	280461	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	127037	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	78451	19.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.24%		
7) Chloroethane-d5	2.891	69	66760	20.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.88%		
10) 1,1-Dichloroethene-d2	4.019	63	171920	21.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.76%		
20) 2-Butanone-d5	7.074	46	35705	33.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	66.72%		
24) Chloroform-d	7.647	84	193707	22.87	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.48%		
26) 1,2-Dichloroethane-d4	8.305	65	97642	21.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.56%		
29) Benzene-d6	8.275	84	377045	24.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.92%		
33) 1,2-Dichloropropane-d6	9.274	67	107157	24.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.52%		
37) Toluene-d8	10.323	98	348932	23.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.24%		
38) trans-1,3-Dichloroprop...	10.579	79	42245	21.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.56%		
39) 2-Hexanone-d5	10.920	63	31413	38.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.30%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	80645	21.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	112492	24.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.28%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	87541	20.30	ug/L	92
13) Acetone	4.123	43	3174	4.01	ug/L	99
16) Methylene chloride	4.922	84	10490	2.03	ug/L	84
34) Benzene	8.323	78	371975	22.69	ug/L	100
35) Trichloroethene	9.092	95	101243	21.92	ug/L	98
40) 1,2-Dichloropropane	9.274	63	12123	3.22	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	2988	0.49	ug/L #	78
44) Toluene	10.390	91	400513	22.20	ug/L	99
45) trans-1,3-Dichloropropene	10.579	75	1803	0.34	ug/L	84
49) 2-Hexanone	10.927	43	4447	2.74	ug/L #	60
52) Chlorobenzene	11.658	112	249230	20.97	ug/L	98
59) 1,2,3-Trichloropropane	13.554	75	12725	4.42	ug/L	100

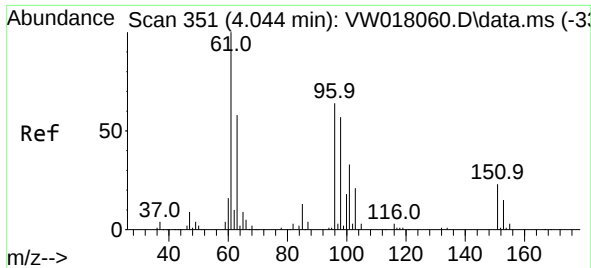
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 11 00:59:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 11 00:57:43 2021
Response via : Initial Calibration

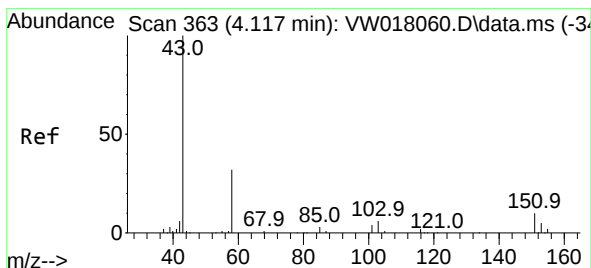
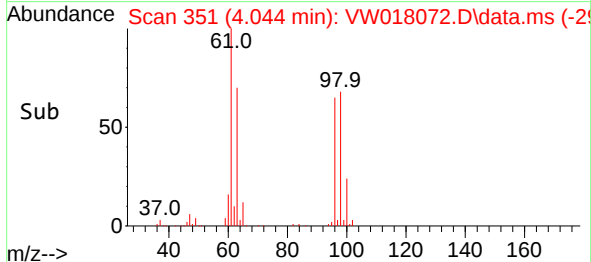
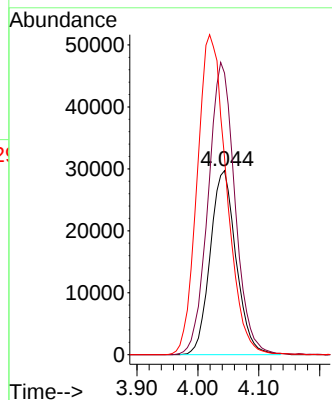
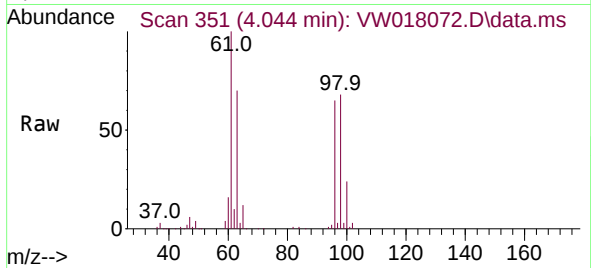




#12
1,1-Dichloroethene
Concen: 20.30 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

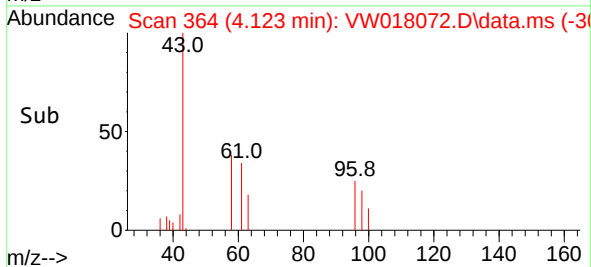
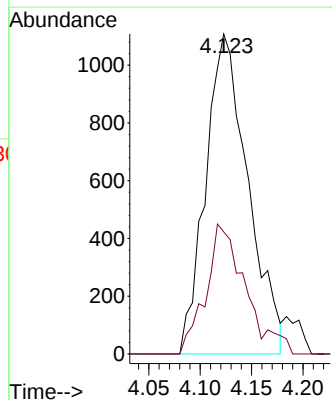
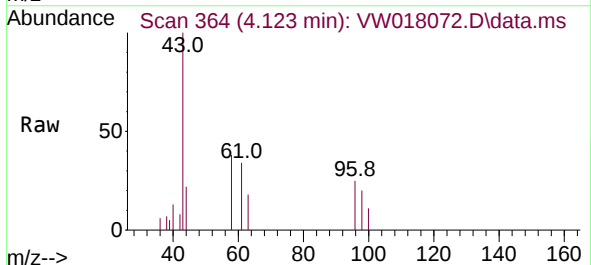
Instrument :
MSVOA_W
ClientSampled :

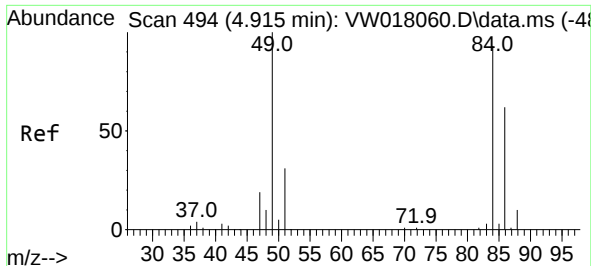
Tgt Ion: 96 Resp: 87541
Ion Ratio Lower Upper
96 100
61 153.1 112.5 208.9
63 107.2 83.1 154.3



#13
Acetone
Concen: 4.01 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

Tgt Ion: 43 Resp: 3174
Ion Ratio Lower Upper
43 100
58 34.8 0.0 68.4

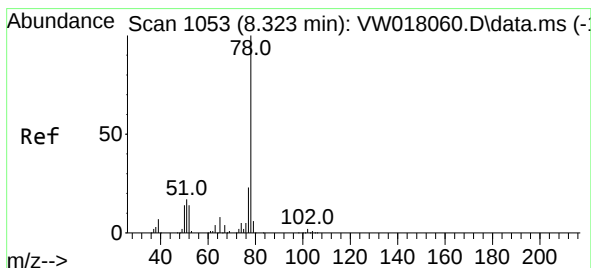
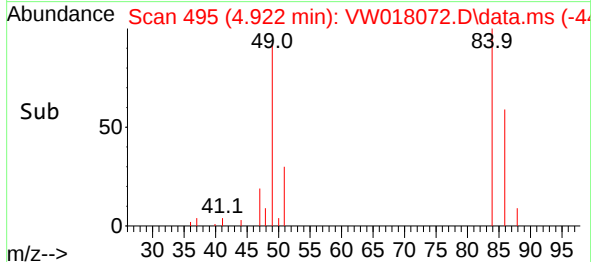
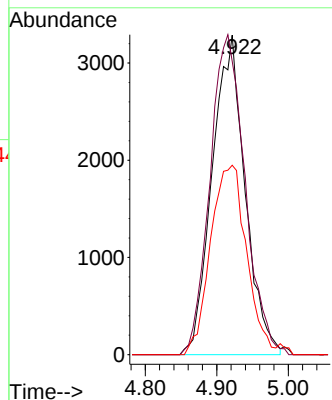
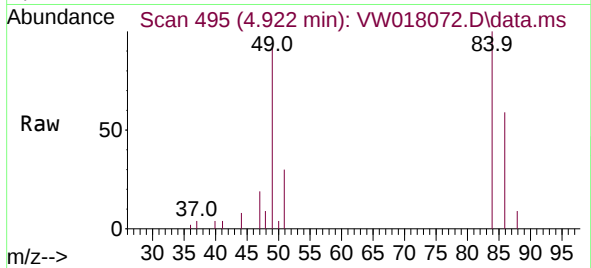




#16
Methylene chloride
Concen: 2.03 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

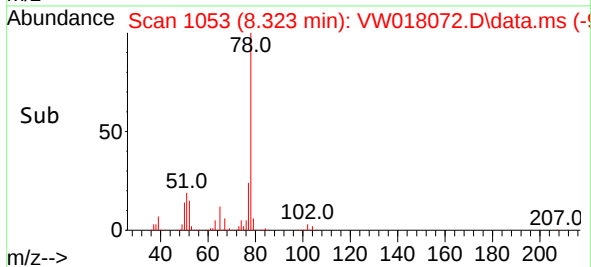
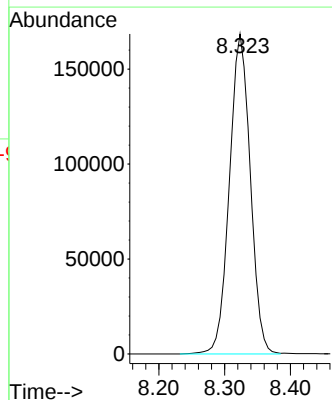
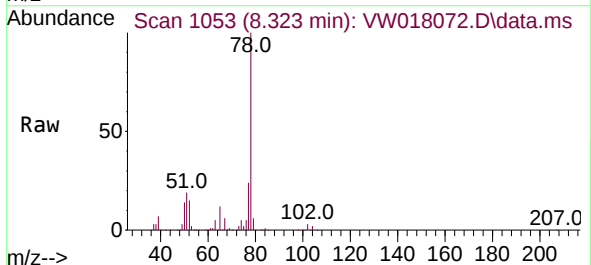
Instrument :
MSVOA_W
ClientSampled :

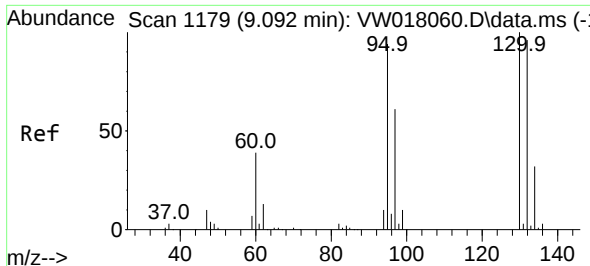
Tgt Ion: 84 Resp: 10490
Ion Ratio Lower Upper
84 100
49 91.8 81.2 150.8
86 59.3 44.5 82.7



#34
Benzene
Concen: 22.69 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

Tgt Ion: 78 Resp: 371975

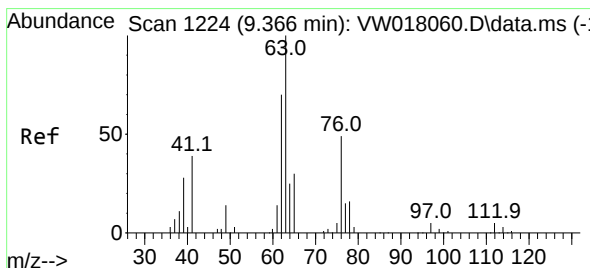
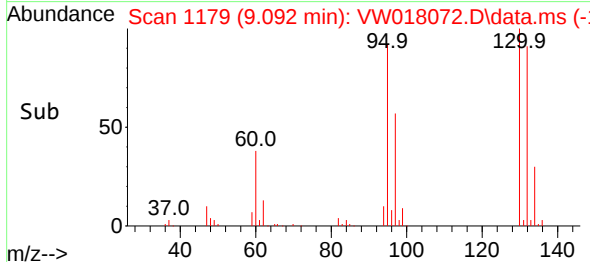
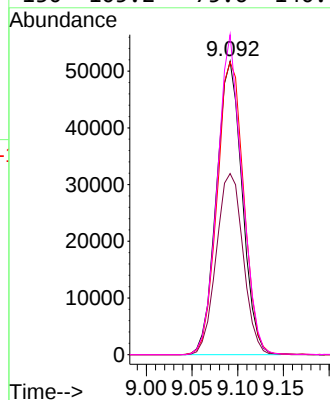
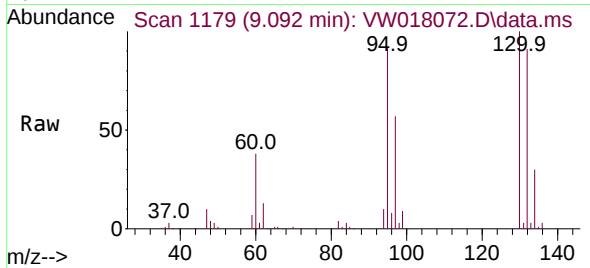




#35
Trichloroethene
Concen: 21.92 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

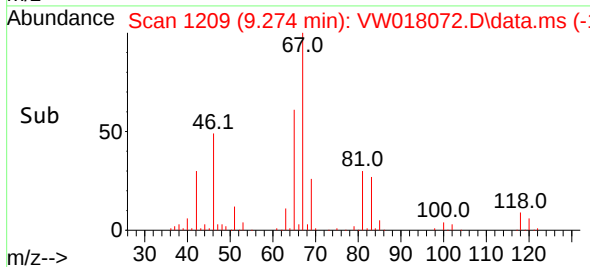
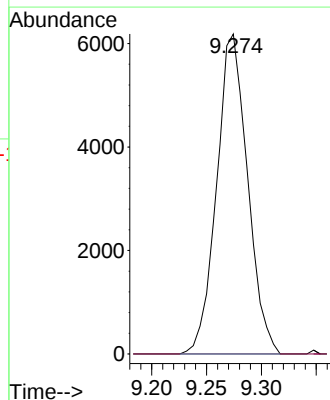
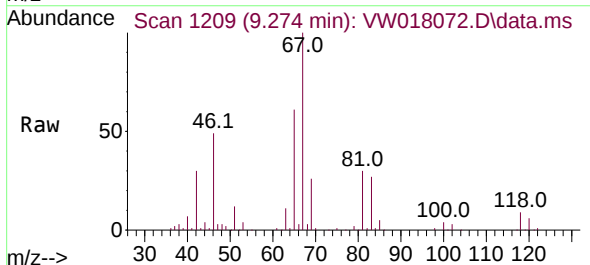
Instrument :
MSVOA_W
ClientSampled :

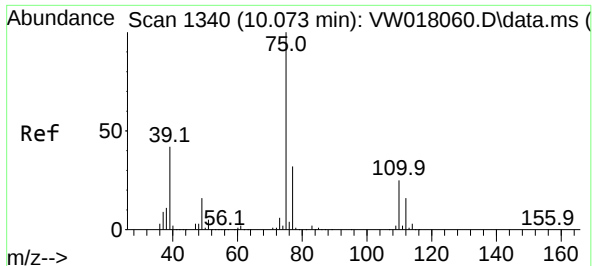
Tgt Ion: 95 Resp: 101243
Ion Ratio Lower Upper
95 100
97 64.5 45.0 83.6
132 102.8 71.0 131.8
130 105.2 75.6 140.4



#40
1,2-Dichloropropane
Concen: 3.22 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

Tgt Ion: 63 Resp: 12123
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

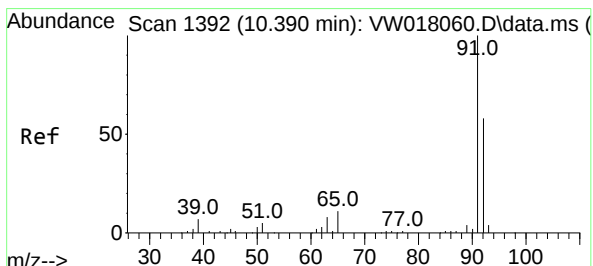
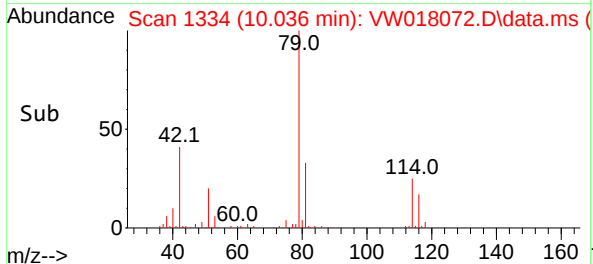
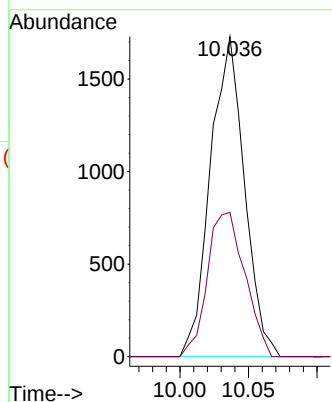
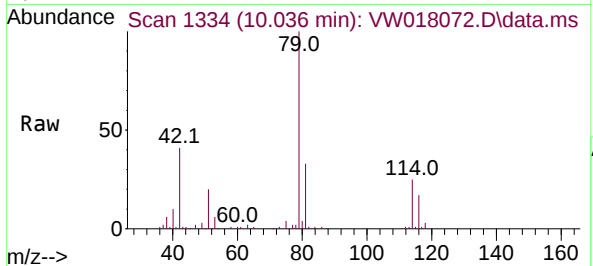




#42
 cis-1,3-Dichloropropene
 Concen: 0.49 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW018072.D
 Acq: 10 Feb 2021 19:09

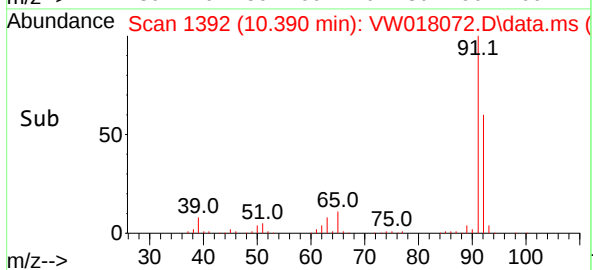
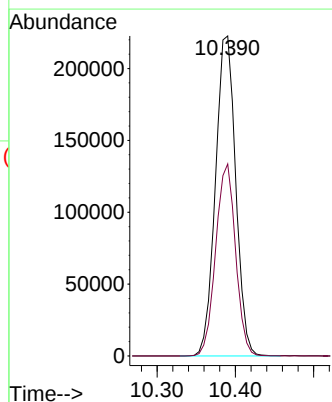
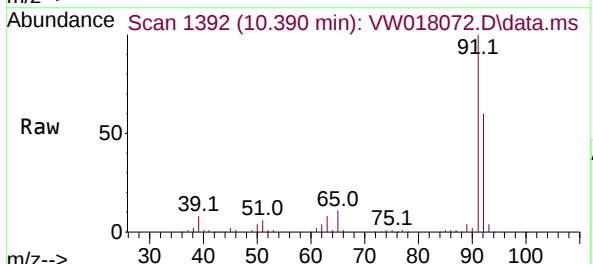
Instrument :
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 ClientSampled :

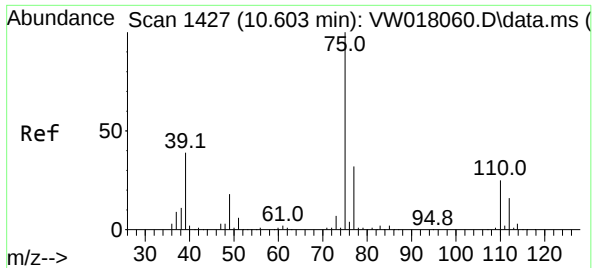
Tgt Ion: 75 Resp: 2988
 Ion Ratio Lower Upper
 75 100
 77 45.1 22.7 42.3#



#44
 Toluene
 Concen: 22.20 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW018072.D
 Acq: 10 Feb 2021 19:09

Tgt Ion: 91 Resp: 400513
 Ion Ratio Lower Upper
 91 100
 92 60.0 41.6 77.3

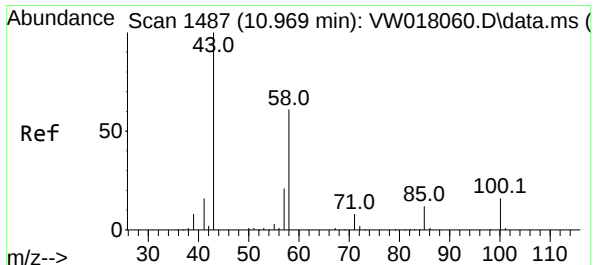
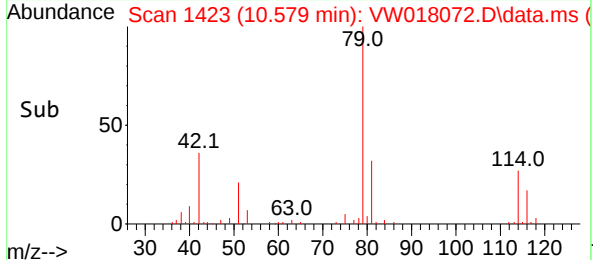
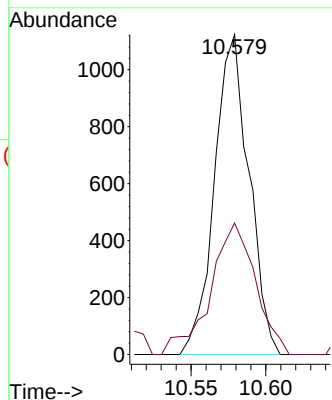
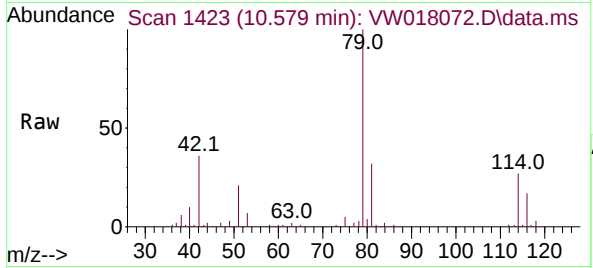




#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

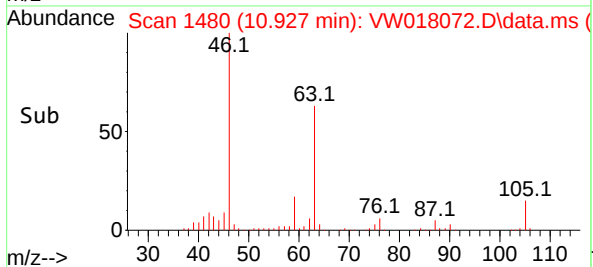
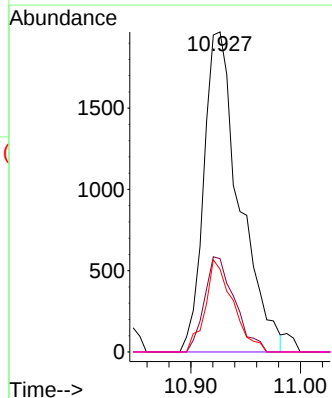
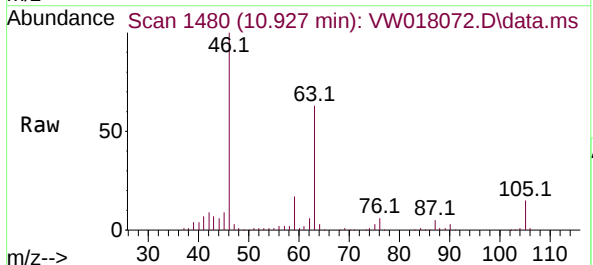
Instrument :
MSVOA_W
ClientSampled :

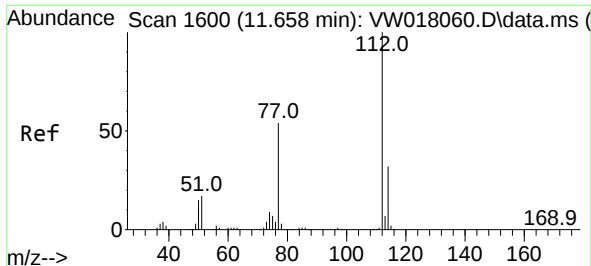
Tgt Ion: 75 Resp: 1803
Ion Ratio Lower Upper
75 100
77 41.1 22.6 42.0



#49
2-Hexanone
Concen: 2.74 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

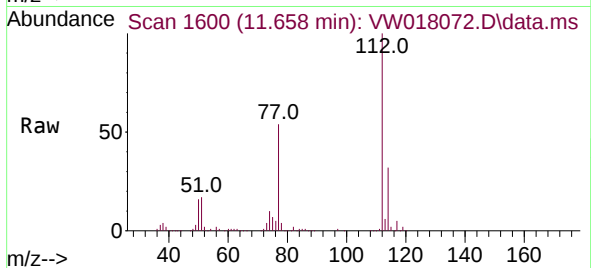
Tgt Ion: 43 Resp: 4447
Ion Ratio Lower Upper
43 100
58 24.7 51.3 76.9#
57 22.3 15.0 22.6
100 0.0 12.2 18.2#



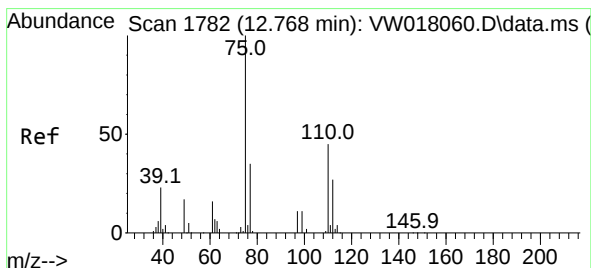
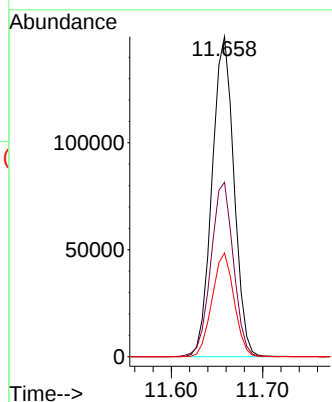
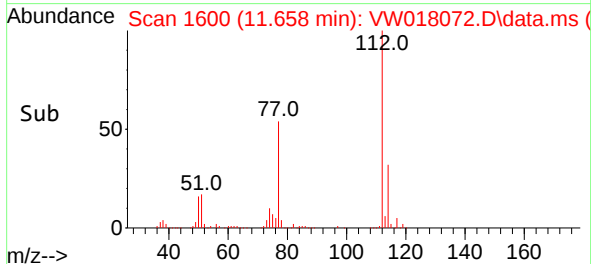


#52
Chlorobenzene
Concen: 20.97 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09

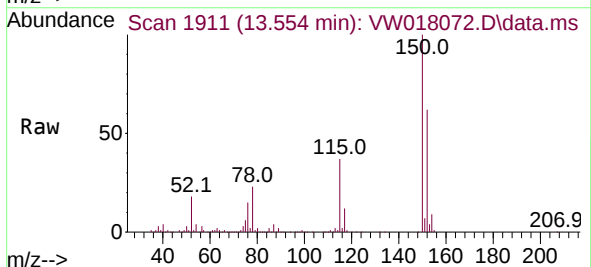
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:112 Resp: 249230
Ion Ratio Lower Upper
112 100
77 54.5 42.6 64.0
114 32.4 21.6 40.2



#59
1,2,3-Trichloropropane
Concen: 4.42 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018072.D
Acq: 10 Feb 2021 19:09



Tgt Ion: 75 Resp: 12725
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8

