

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040221\
 Data File : VW018548.D
 Acq On : 02 Apr 2021 14:04
 Operator : SY/VA
 Sample : M1881-05MS
 Misc : 6.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG0MS

Quant Time: Apr 02 23:46:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 23:44:48 2021
 Response via : Initial Calibration

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

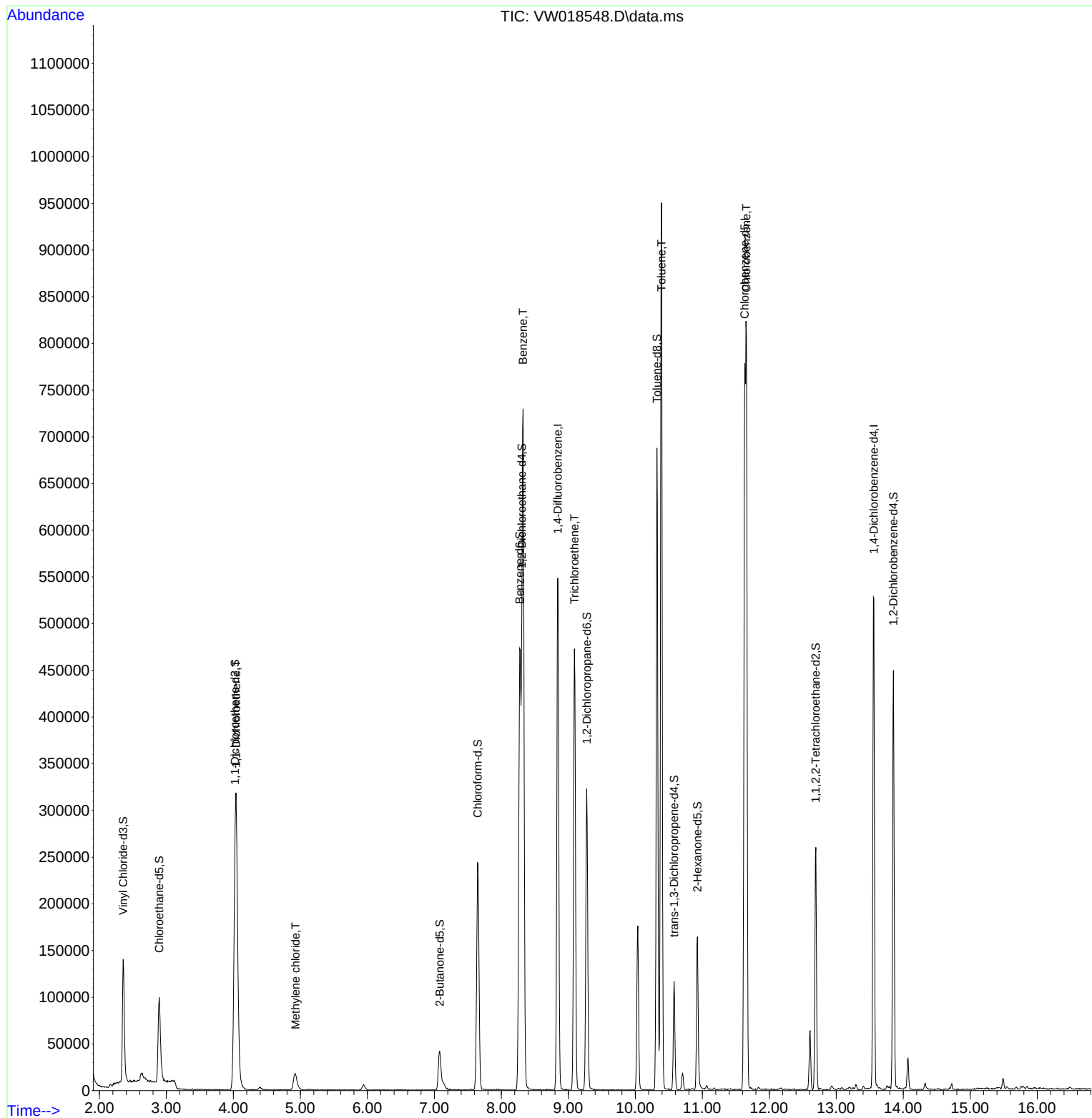
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	454084	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	372253	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	136070	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	156919	24.83	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	99.32%		
7) Chloroethane-d5	2.891	69	125019	22.60	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	90.40%		
10) 1,1-Dichloroethene-d2	4.025	63	244357	22.40	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	89.60%		
20) 2-Butanone-d5	7.080	46	69640	49.50	ug/L	0.01
Spiked Amount	50.000	Range 20 - 135	Recovery =	99.00%		
24) Chloroform-d	7.647	84	243216	21.03	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	84.12%		
26) 1,2-Dichloroethane-d4	8.305	65	157346	23.31	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	93.24%		
29) Benzene-d6	8.275	84	477221	24.11	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	96.44%		
33) 1,2-Dichloropropane-d6	9.274	67	139744	24.48	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	97.92%		
37) Toluene-d8	10.323	98	446031	23.41	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	93.64%		
38) trans-1,3-Dichloroprop...	10.579	79	61488	20.89	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	83.56%		
39) 2-Hexanone-d5	10.927	63	55497	49.68	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	99.36%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	123792	24.24	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	96.96%		
61) 1,2-Dichlorobenzene-d4	13.853	152	110028	22.74	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	90.96%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.044	96	133196	23.37	ug/L	93
16) Methylene chloride	4.928	84	16322	2.19	ug/L	83
34) Benzene	8.323	78	631497	29.29	ug/L	100
35) Trichloroethene	9.092	95	164787	27.67	ug/L	99
44) Toluene	10.390	91	690017	28.16	ug/L	97
52) Chlorobenzene	11.658	112	403381	25.95	ug/L	98

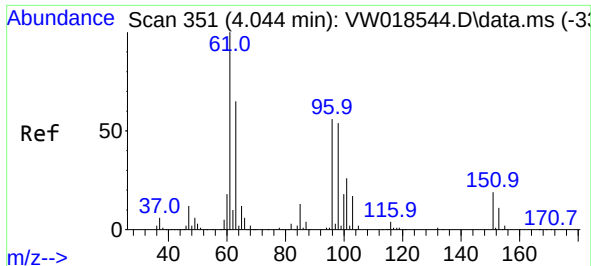
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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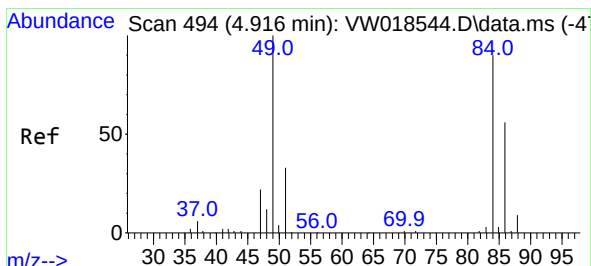
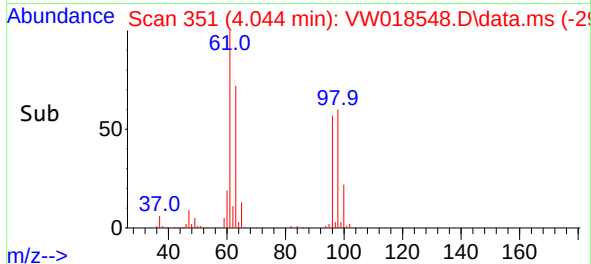
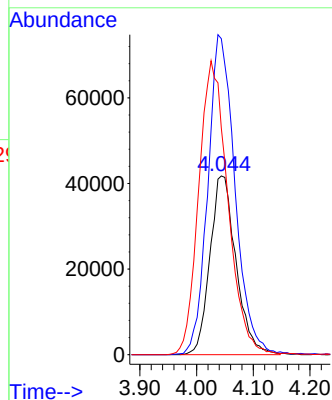
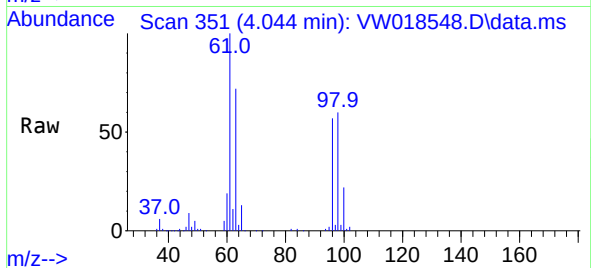




#12
1,1-Dichloroethene
Concen: 23.37 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW018548.D
Acq: 02 Apr 2021 14:04

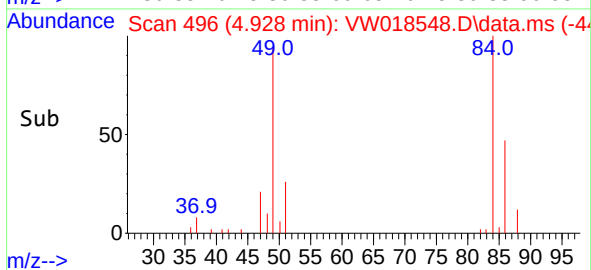
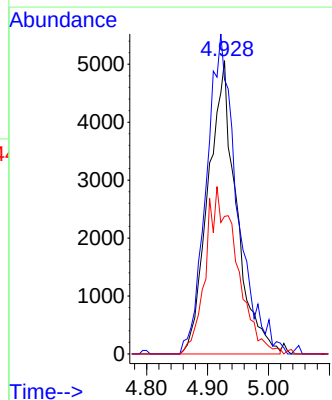
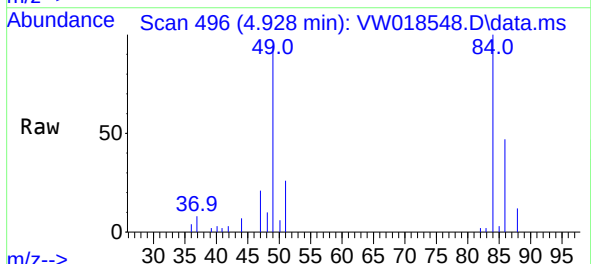
Instrument :
MSVOA_W
ClientSampleId :
ESQG0MS

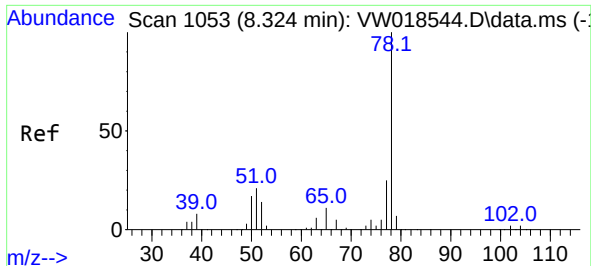
Tgt Ion: 96 Resp: 133196
Ion Ratio Lower Upper
96 100
61 176.8 118.6 220.2
63 126.8 82.4 153.0



#16
Methylene chloride
Concen: 2.19 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018548.D
Acq: 02 Apr 2021 14:04

Tgt Ion: 84 Resp: 16322
Ion Ratio Lower Upper
84 100
49 93.5 74.4 138.2
86 46.9 46.1 85.7

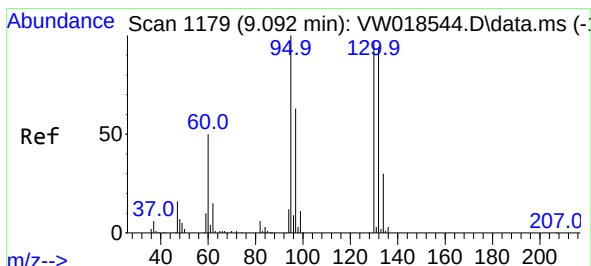
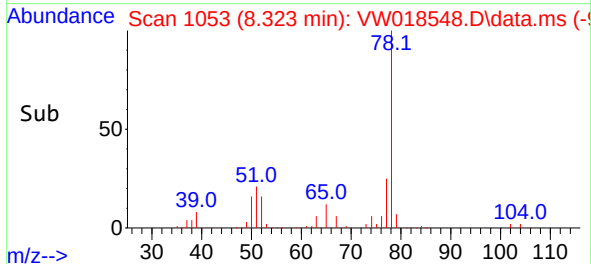
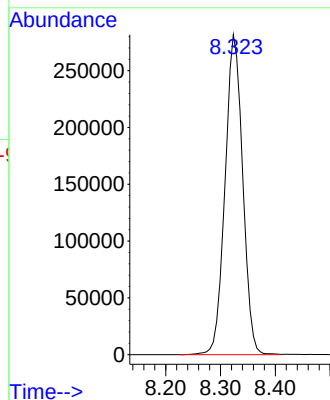
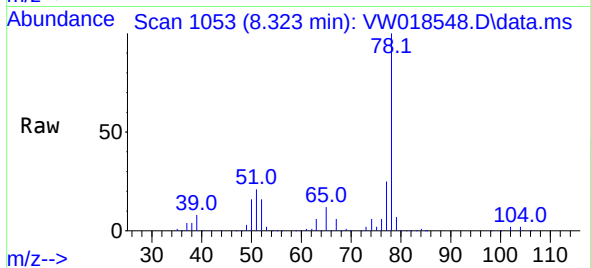




#34
Benzene
Concen: 29.29 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018548.D
Acq: 02 Apr 2021 14:04

Instrument :
MSVOA_W
ClientSampled :
ESQG0MS

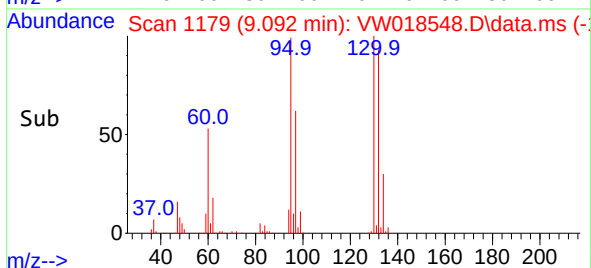
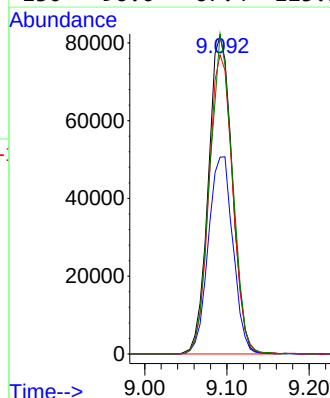
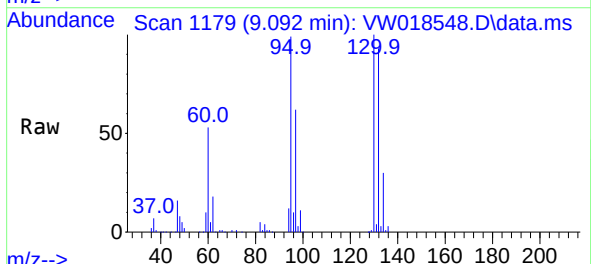
Tgt Ion: 78 Resp: 631497

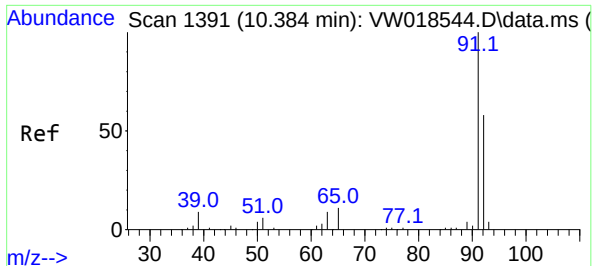


#35
Trichloroethene
Concen: 27.67 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018548.D
Acq: 02 Apr 2021 14:04

Tgt Ion: 95 Resp: 164787

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.4	82.4
132	93.5	65.9	122.5
130	96.0	67.4	125.2

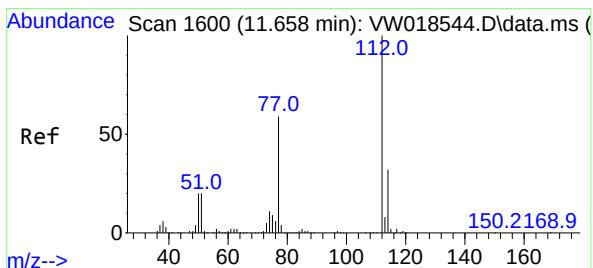
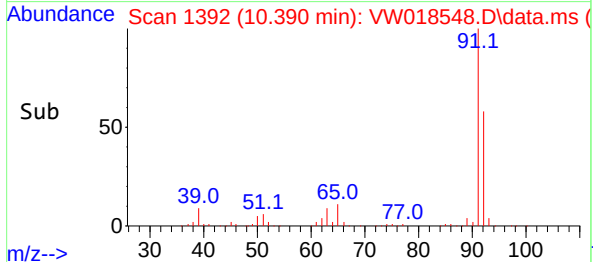
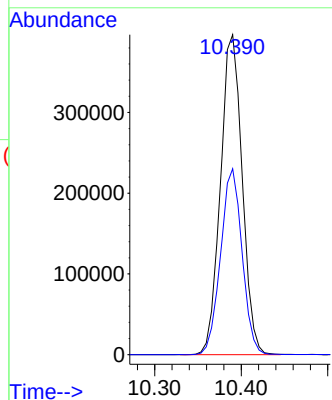
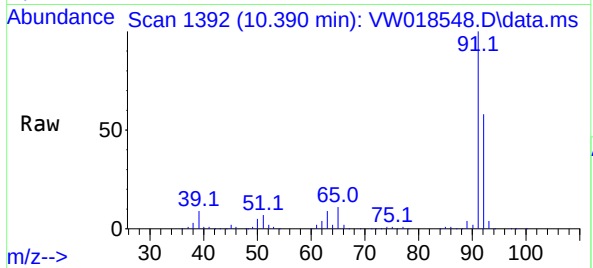




#44
Toluene
Concen: 28.16 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018548.D
Acq: 02 Apr 2021 14:04

Instrument :
MSVOA_W
ClientSampled :
ESQG0MS

Tgt Ion: 91 Resp: 690017
Ion Ratio Lower Upper
91 100
92 58.1 42.3 78.5



#52
Chlorobenzene
Concen: 25.95 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018548.D
Acq: 02 Apr 2021 14:04

Tgt Ion: 112 Resp: 403381
Ion Ratio Lower Upper
112 100
77 58.3 45.4 68.2
114 31.6 22.5 41.9

