

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040521\
 Data File : VW018555.D
 Acq On : 05 Apr 2021 14:20
 Operator : SY/VA
 Sample : M1859-02
 Misc : 5.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Apr 06 01:18:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 01:17:41 2021
 Response via : Initial Calibration

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

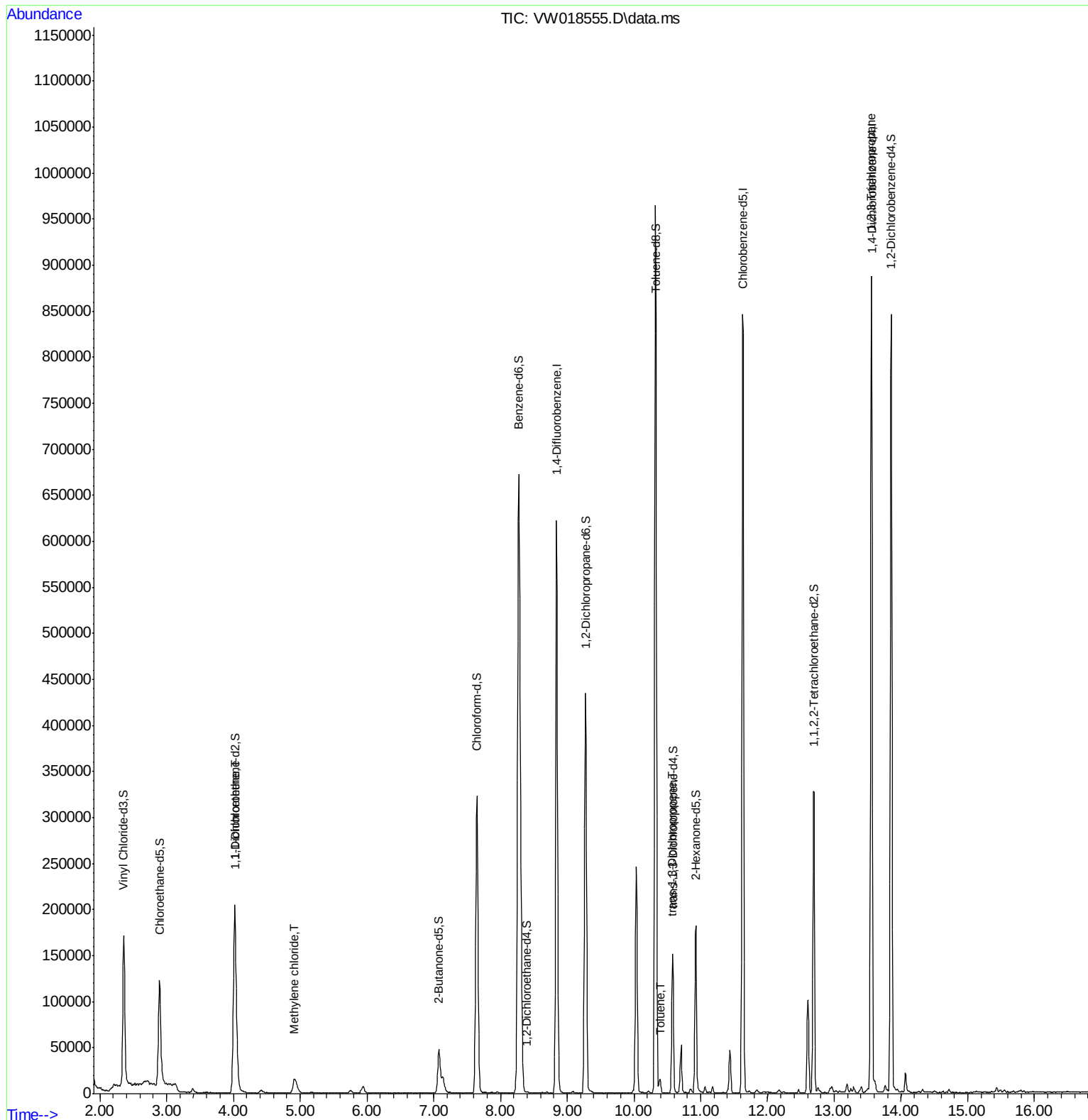
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	502498	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	467616	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	221270	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	199166	28.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	113.92%		
7) Chloroethane-d5	2.892	69	150770	24.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.52%		
10) 1,1-Dichloroethene-d2	4.019	63	225990	18.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.88%		
20) 2-Butanone-d5	7.080	46	79558	51.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.20%		
24) Chloroform-d	7.647	84	328971	25.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	102.80%		
26) 1,2-Dichloroethane-d4	8.397	65	277	0.04	ug/L	0.09
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.16%#		
29) Benzene-d6	8.275	84	652061	26.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.92%		
33) 1,2-Dichloropropane-d6	9.275	67	187126	26.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.40%		
37) Toluene-d8	10.323	98	631414	26.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.52%		
38) trans-1,3-Dichloroprop...	10.579	79	84691	22.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.60%		
39) 2-Hexanone-d5	10.927	63	63291	45.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.20%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	156294	24.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.48%		
61) 1,2-Dichlorobenzene-d4	13.853	152	206264	26.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	104.88%		
Target Compounds						
12) 1,1-Dichloroethene	4.026	96	1904	0.30	ug/L #	1
16) Methylene chloride	4.909	84	5907	0.72	ug/L	90
44) Toluene	10.390	91	10446	0.34	ug/L	84
45) trans-1,3-Dichloropropene	10.573	75	4672	0.46	ug/L	93
59) 1,2,3-Trichloropropane	13.554	75	29580	6.13	ug/L	97

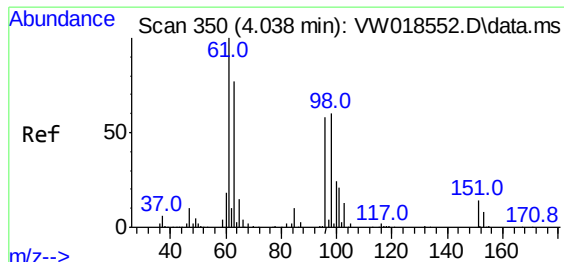
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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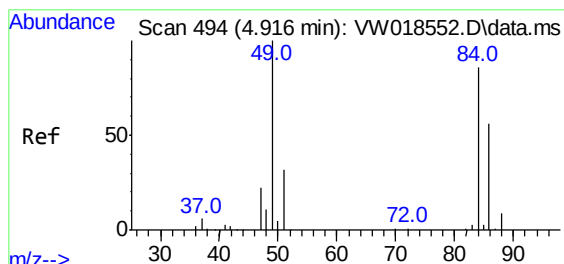
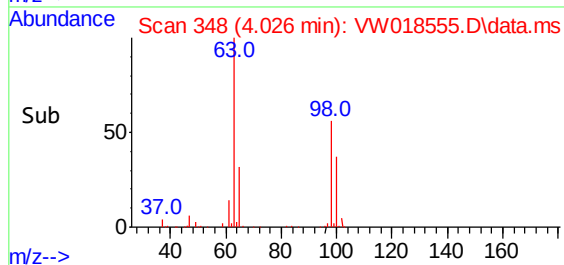
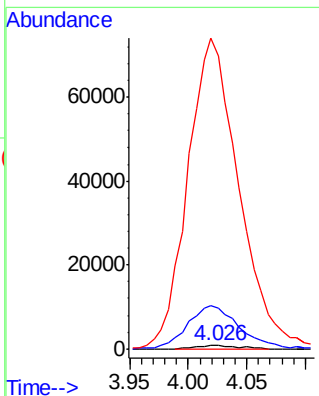
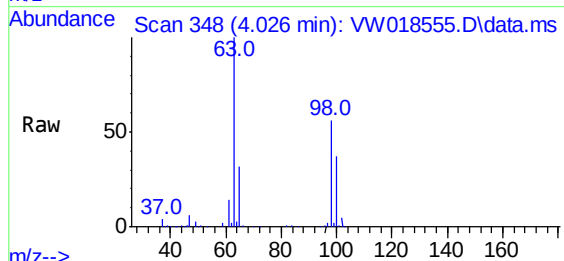




#12
1,1-Dichloroethene
Concen: 0.30 ug/L
RT: 4.026 min Scan# 348
Delta R.T. -0.012 min
Lab File: VW018555.D
Acq: 05 Apr 2021 14:20

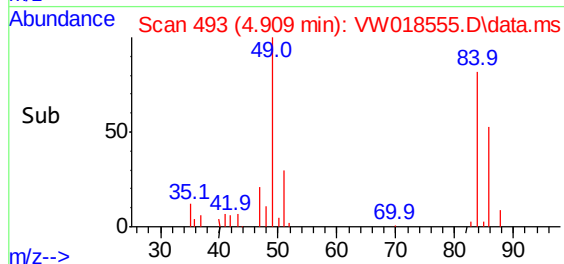
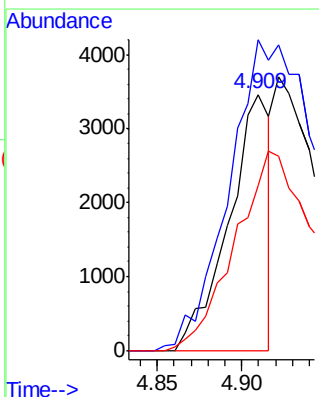
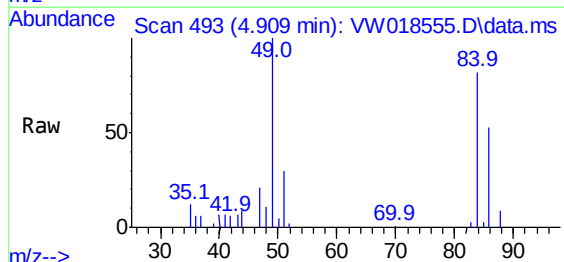
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

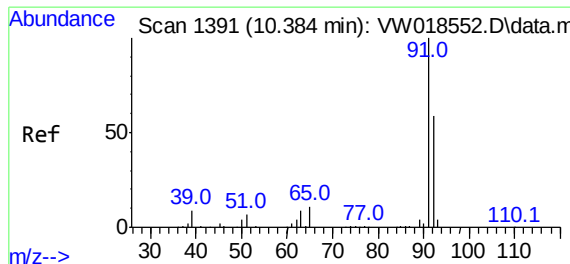
Tgt Ion: 96 Resp: 1904
Ion Ratio Lower Upper
96 100
61 1206.8 118.6 220.2#
63 8650.3 82.4 153.0#



#16
Methylene chloride
Concen: 0.72 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018555.D
Acq: 05 Apr 2021 14:20

Tgt Ion: 84 Resp: 5907
Ion Ratio Lower Upper
84 100
49 121.4 74.4 138.2
86 64.4 46.1 85.7





#44

Toluene

Concen: 0.34 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018555.D

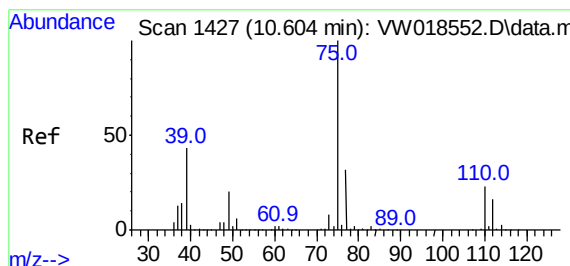
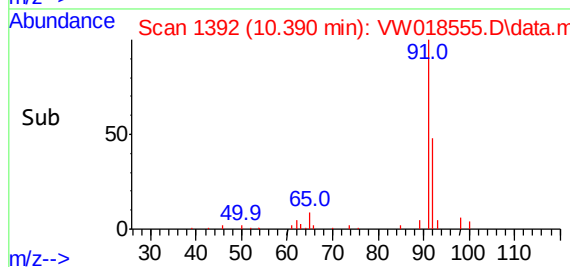
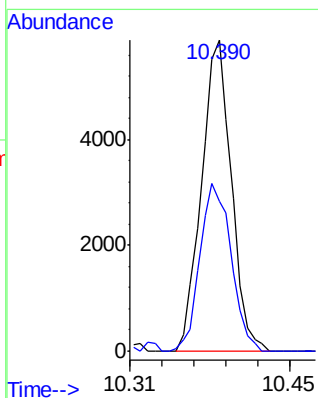
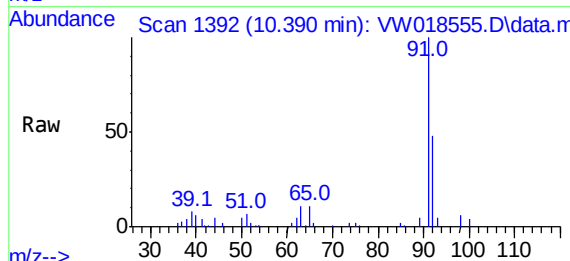
Acq: 05 Apr 2021 14:20

Tgt Ion: 91 Resp: 10446

Ion Ratio Lower Upper

91 100

92 48.1 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 0.46 ug/L

RT: 10.573 min Scan# 1422

Delta R.T. -0.030 min

Lab File: VW018555.D

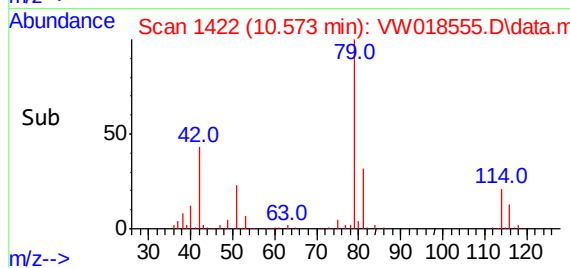
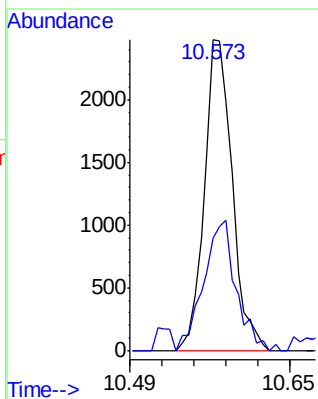
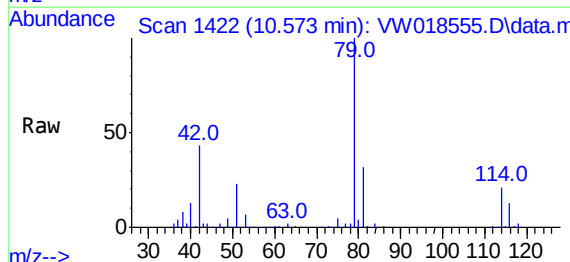
Acq: 05 Apr 2021 14:20

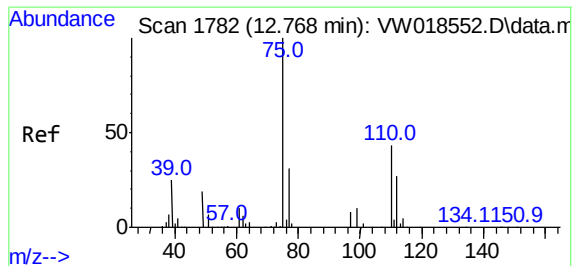
Tgt Ion: 75 Resp: 4672

Ion Ratio Lower Upper

75 100

77 36.1 22.6 42.0





#59
 1,2,3-Trichloropropane
 Concen: 6.13 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018555.D
 Acq: 05 Apr 2021 14:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 29580
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.6 38.4

