

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041621\
 Data File : VV021040.D
 Acq On : 16 Apr 2021 12:18
 Operator : SY/MD
 Sample : M2031-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 00:48:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 17 00:47:19 2021
 Response via : Initial Calibration

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

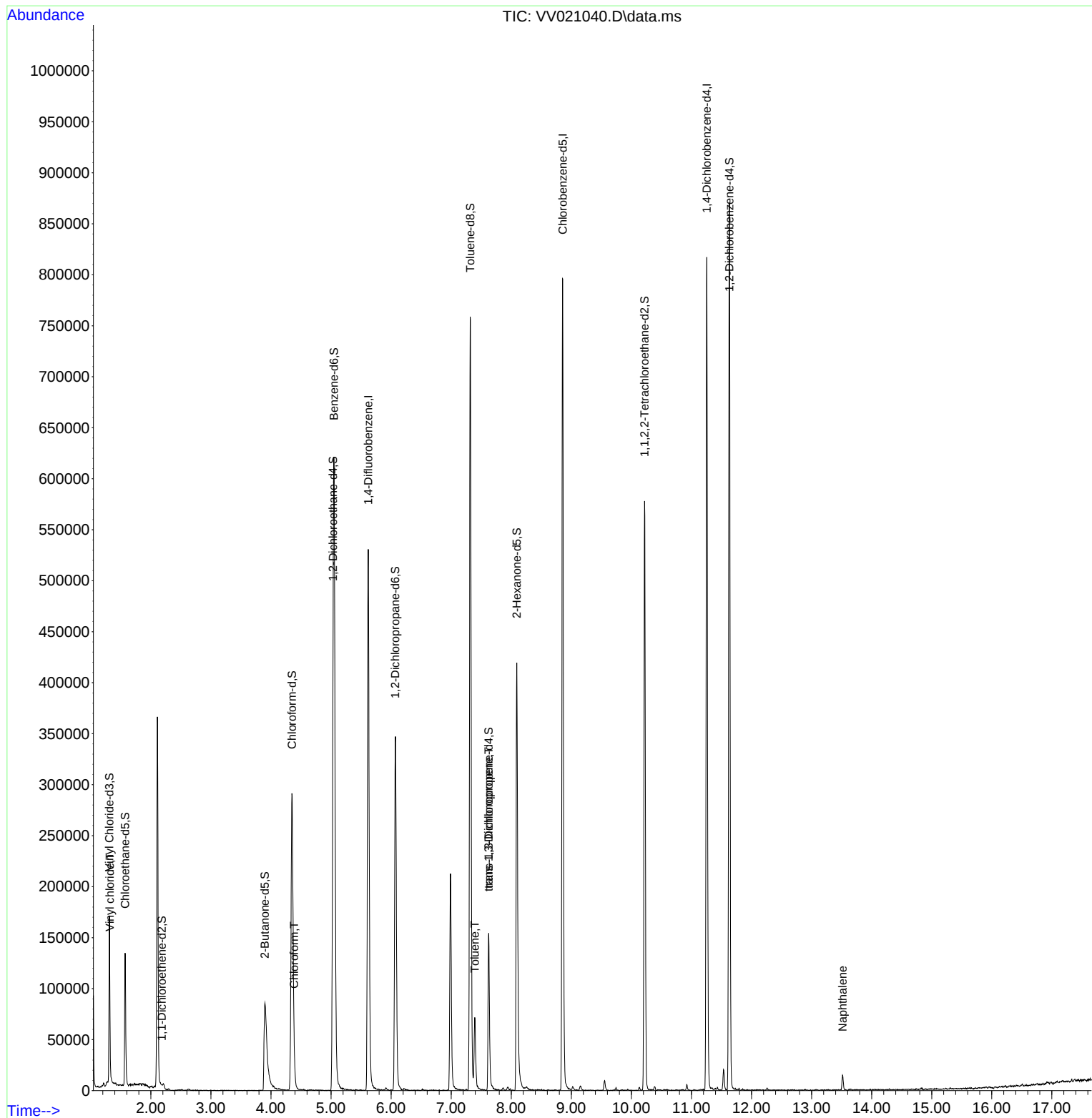
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	469218	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	455916	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	221955	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	102621	40.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.40%		
7) Chloroethane-d5	1.571	69	88885	44.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.58%		
11) 1,1-Dichloroethene-d2	2.182	63	161	0.03	ug/L	0.07
Spiked Amount 50.000	Range 60 - 125		Recovery =	0.06%#		
21) 2-Butanone-d5	3.899	46	171172	101.97	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.97%		
24) Chloroform-d	4.349	84	298567	47.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.24%		
26) 1,2-Dichloroethane-d4	5.034	65	208767	48.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.50%		
32) Benzene-d6	5.050	84	531236	47.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.40%		
36) 1,2-Dichloropropane-d6	6.069	67	153521	49.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.26%		
41) Toluene-d8	7.317	98	516675	46.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.64%		
43) trans-1,3-Dichloroprop...	7.625	79	90531	47.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.02%		
47) 2-Hexanone-d5	8.091	63	147855	110.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.15%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	238446	47.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.16%		
66) 1,2-Dichlorobenzene-d4	11.631	152	239213	52.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.58%		
Target Compounds						Qvalue
5) Vinyl chloride	1.317	62	2145	0.77	ug/L	# 1
25) Chloroform	4.384	83	15674	2.40	ug/L	88
42) Toluene	7.394	91	53335	4.15	ug/L	97
44) trans-1,3-Dichloropropene	7.622	75	3850	0.79	ug/L	91
71) Naphthalene	13.519	128	12296	1.08	ug/L	98

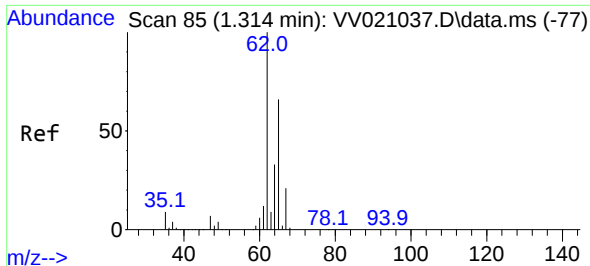
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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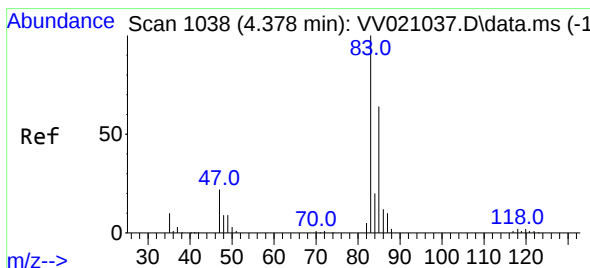
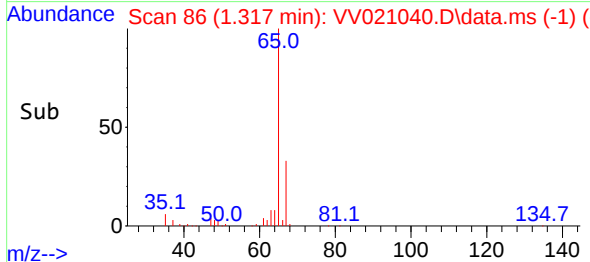
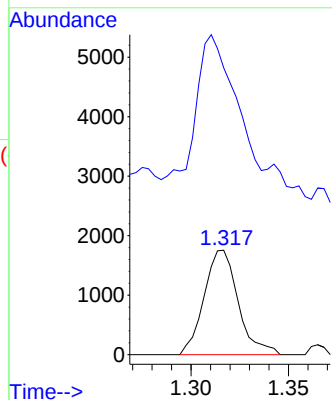
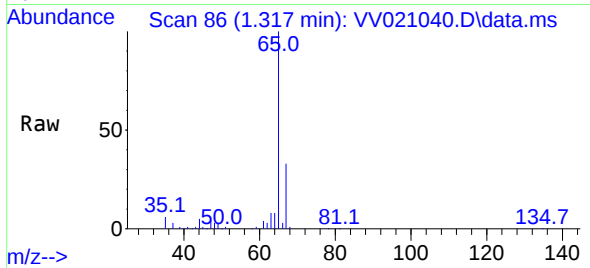




#5
 Vinyl chloride
 Concen: 0.77 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. 0.003 min
 Lab File: VV021040.D
 Acq: 16 Apr 2021 12:18

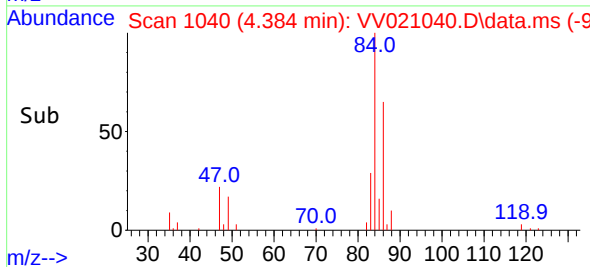
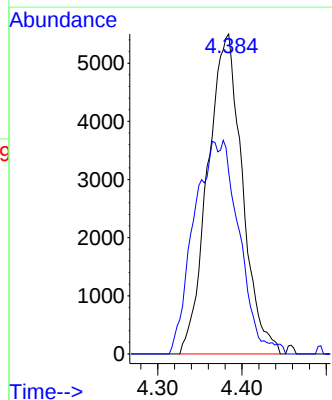
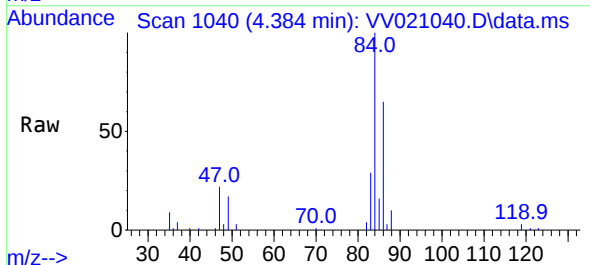
Instrument :
 MSVOA_V
 ClientSampled :

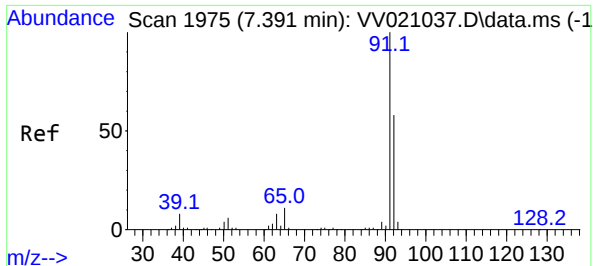
Tgt Ion: 62 Resp: 2145
 Ion Ratio Lower Upper
 62 100
 64 274.6 24.3 45.1#



#25
 Chloroform
 Concen: 2.40 ug/L
 RT: 4.384 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VV021040.D
 Acq: 16 Apr 2021 12:18

Tgt Ion: 83 Resp: 15674
 Ion Ratio Lower Upper
 83 100
 85 56.9 46.6 86.6

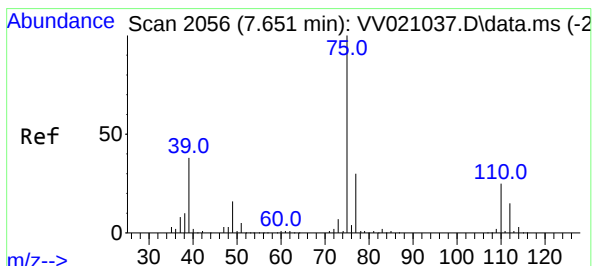
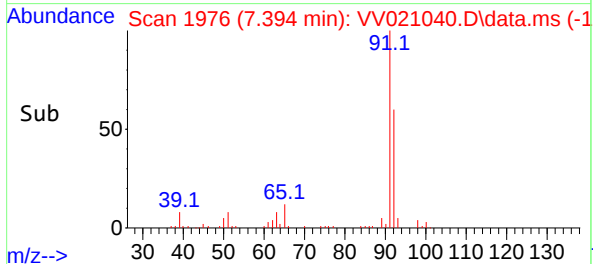
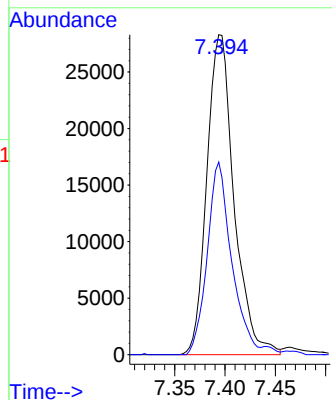
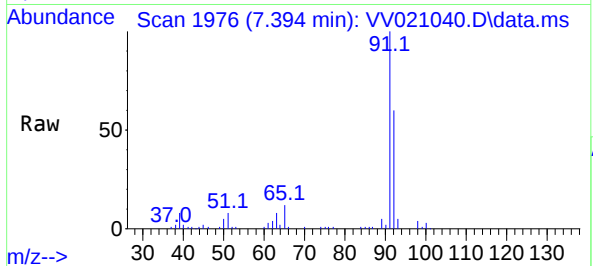




#42
Toluene
Concen: 4.15 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV021040.D
Acq: 16 Apr 2021 12:18

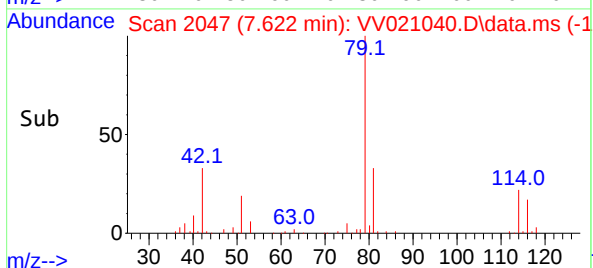
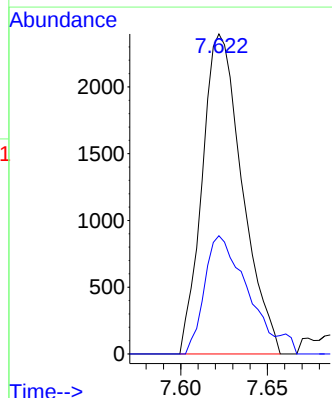
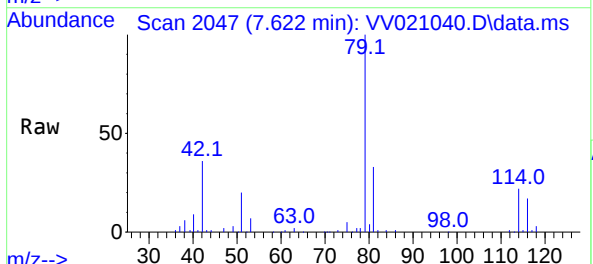
Instrument :
MSVOA_V
ClientSampled :

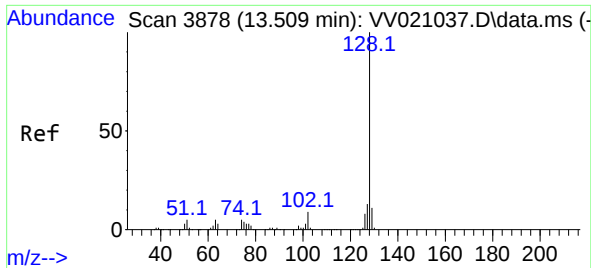
Tgt Ion: 91 Resp: 53335
Ion Ratio Lower Upper
91 100
92 60.2 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 0.79 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021040.D
Acq: 16 Apr 2021 12:18

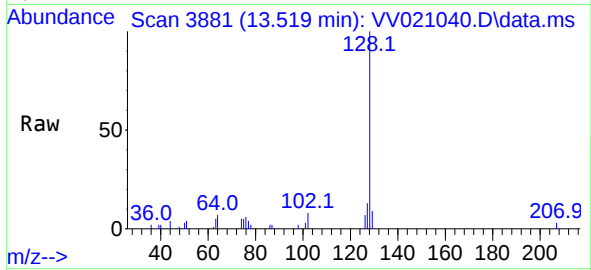
Tgt Ion: 75 Resp: 3850
Ion Ratio Lower Upper
75 100
77 37.0 22.3 41.3





#71
Naphthalene
Concen: 1.08 ug/L
RT: 13.519 min Scan# 3881
Delta R.T. 0.010 min
Lab File: VV021040.D
Acq: 16 Apr 2021 12:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 12296

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	10.7	8.9	13.3

