

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071221\
 Data File : VV021627.D
 Acq On : 12 Jul 2021 15:37
 Operator : SY/MD
 Sample : M3008-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 01:17:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 13 01:14:23 2021
 Response via : Initial Calibration

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

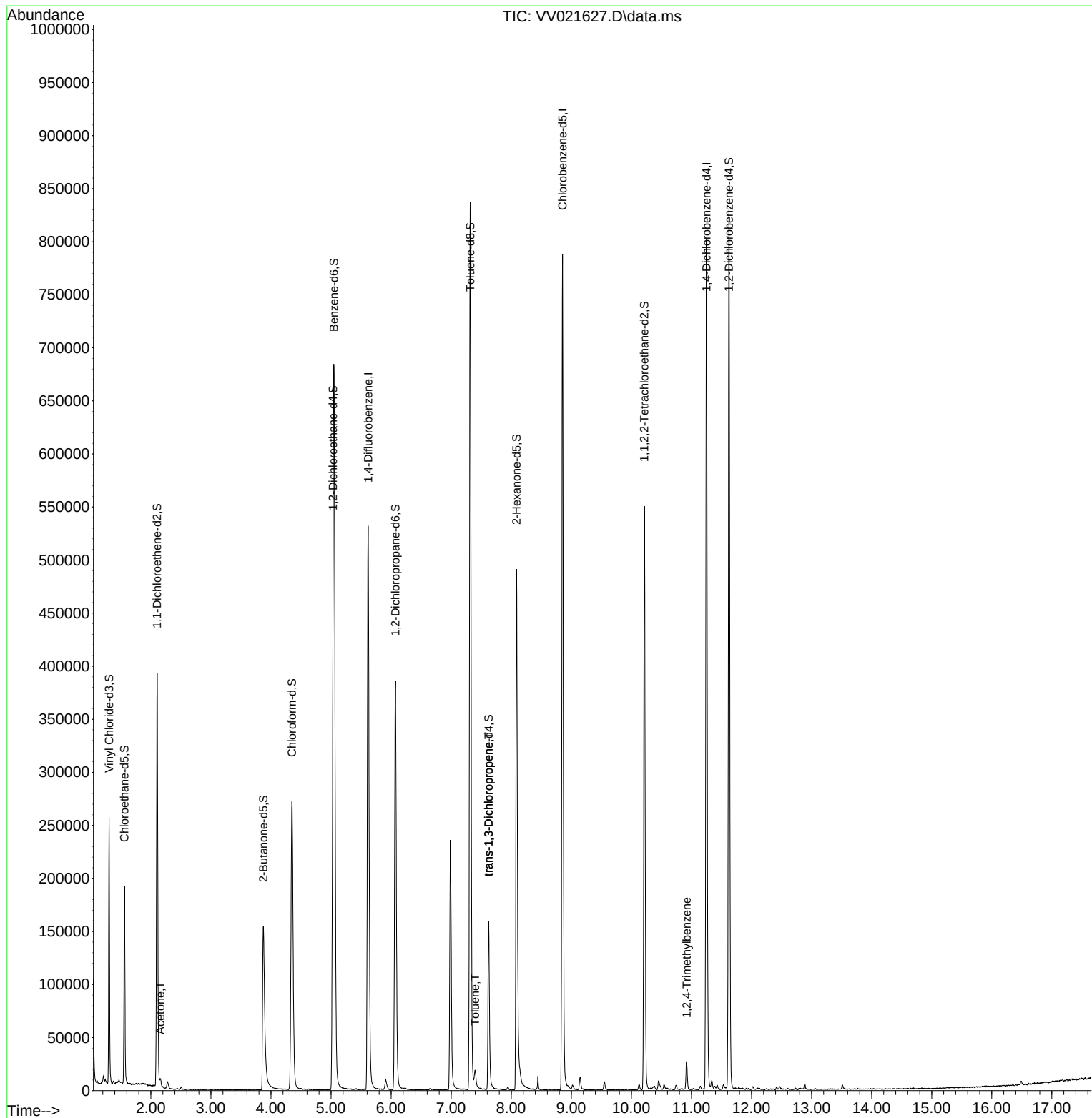
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	480729	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	446012	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	216082	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	154107	50.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.340%
7) Chloroethane-d5	1.561	69	118677	47.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.480%
11) 1,1-Dichloroethene-d2	2.105	63	198346	35.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.280%
21) 2-Butanone-d5	3.873	46	245669	94.573	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.570%
24) Chloroform-d	4.349	84	288034	45.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
26) 1,2-Dichloroethane-d4	5.034	65	181832	48.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.020%
32) Benzene-d6	5.050	84	614137	49.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
36) 1,2-Dichloropropane-d6	6.072	67	192843	48.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	7.317	98	562563	48.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.140%
43) trans-1,3-Dichloroprop...	7.622	79	92245	46.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.900%
47) 2-Hexanone-d5	8.088	63	173230	94.551	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.550%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	265809	49.949	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	217935	50.589	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.180%
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	5256	2.447	ug/L #	100
42) Toluene	7.397	91	12034	0.828	ug/L	97
44) trans-1,3-Dichloropropene	7.622	75	3718	0.684	ug/L #	74
63) 1,2,4-Trimethylbenzene	10.921	105	13303	1.047	ug/L	97

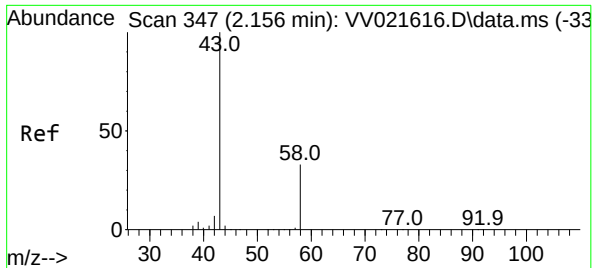
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.447 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.003 min

Lab File: VV021627.D

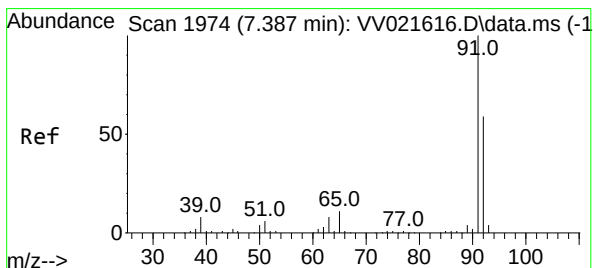
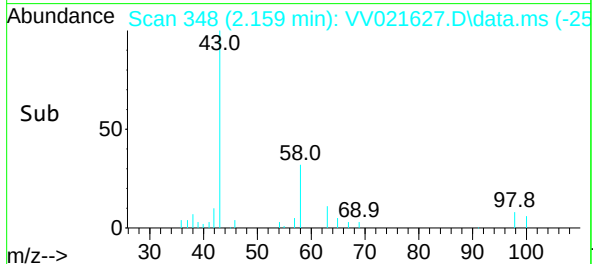
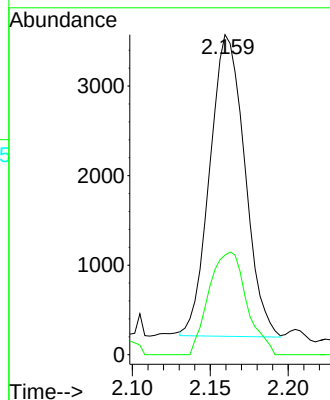
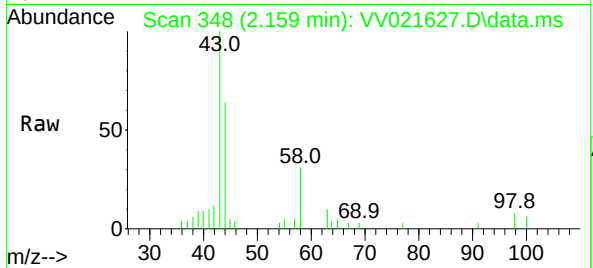
Acq: 12 Jul 2021 15:37

Tgt Ion: 43 Resp: 5256

Ion Ratio Lower Upper

43 100

58 36.7 0.0 0.0#



#42

Toluene

Concen: 0.828 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV021627.D

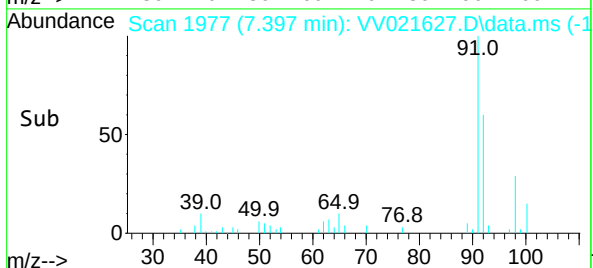
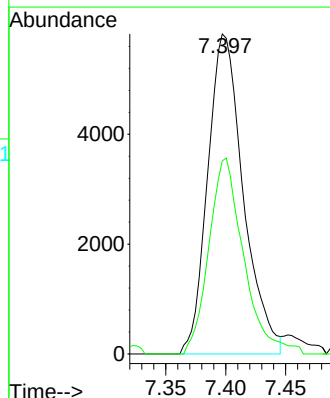
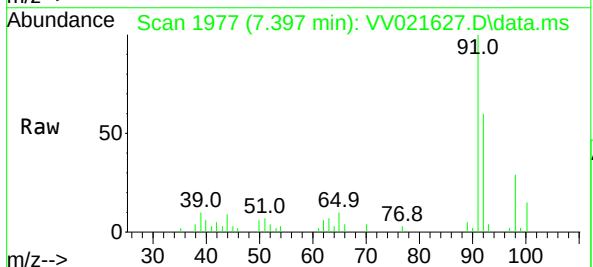
Acq: 12 Jul 2021 15:37

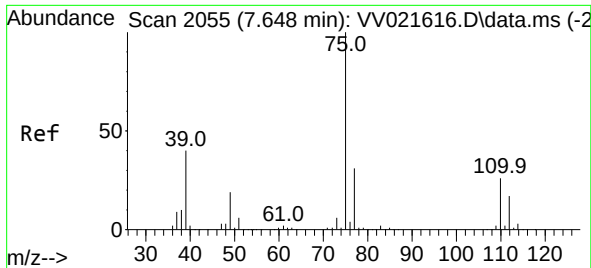
Tgt Ion: 91 Resp: 12034

Ion Ratio Lower Upper

91 100

92 60.3 40.6 75.4

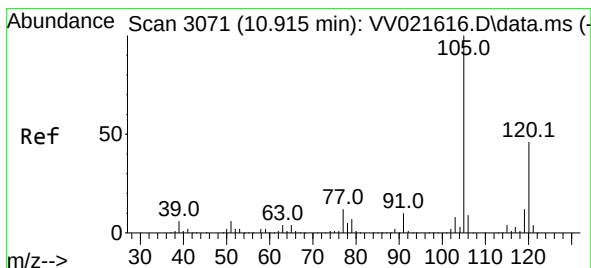
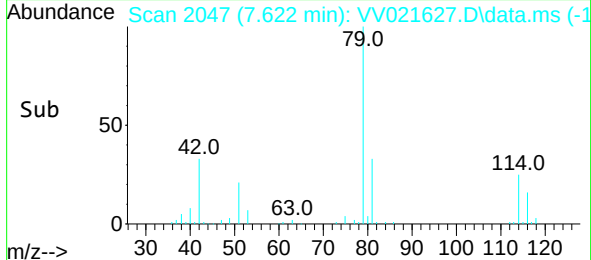
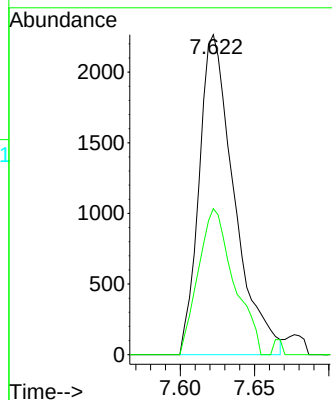
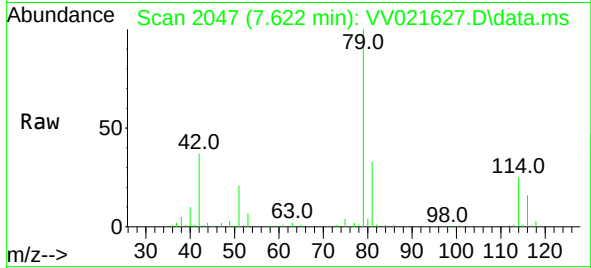




#44
trans-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
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Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 3718
Ion Ratio Lower Upper
75 100
77 45.7 21.8 40.4#



#63
1,2,4-Trimethylbenzene
Concen: 1.047 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.007 min
Lab File: VV021627.D
Acq: 12 Jul 2021 15:37

Tgt Ion: 105 Resp: 13303
Ion Ratio Lower Upper
105 100
120 44.4 37.1 55.7

