Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027146.D
Acq On : 01 Aug 2022 23:45
Operator : SY/MD
Sample : N3956-03DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02DL

Quant Time: Aug 02 00:38:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 02 00:27:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	657400	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	628000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	282095	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	277033	65.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 130.040%			
7) Chloroethane-d5	1.555	69	114861	36.027	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.060%			
11) 1,1-Dichloroethene-d2	2.098	63	354372	43.679	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.360%			
21) 2-Butanone-d5	3.873	46	299537	106.786	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.790%			
24) Chloroform-d	4.339	84	452230	52.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.020%			
26) 1,2-Dichloroethane-d4	5.024	65	267321	54.710	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.420%			
32) Benzene-d6	5.043	84	955778	57.516	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.040%			
36) 1,2-Dichloropropane-d6	6.063	67	292799	56.958	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.920%			
41) Toluene-d8	7.313	98	821531	54.837	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.680%			
43) trans-1,3-Dichloroprop...	7.619	79	125399	55.581	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.160%			
47) 2-Hexanone-d5	8.088	63	252941	127.451	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 127.450%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	412602	53.694	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.380%			
66) 1,2-Dichlorobenzene-d4	11.622	152	300740	60.661	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.320%#			
Target Compounds						Qvalue
14) Carbon disulfide	2.285	76	7454	0.549	ug/L #	90
33) Benzene	5.092	78	922062	47.872	ug/L	100
42) Toluene	7.387	91	136121	6.851	ug/L	98
51) Chlorobenzene	8.879	112	990878	72.060	ug/L	99

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

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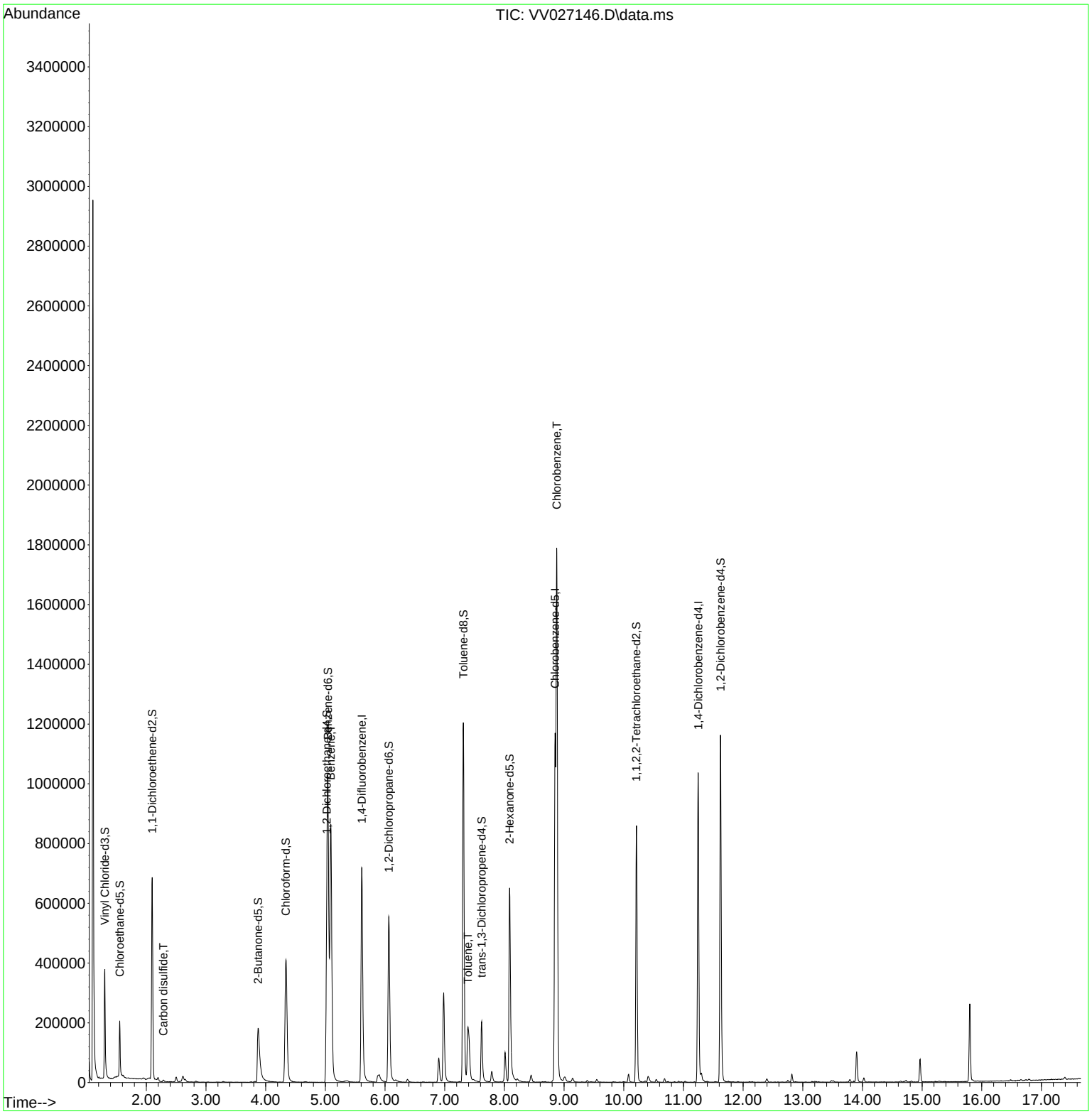
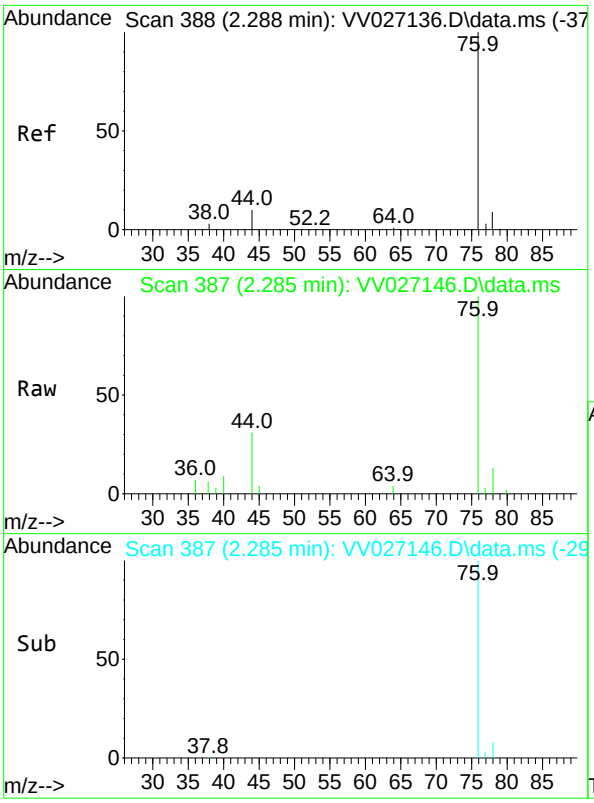


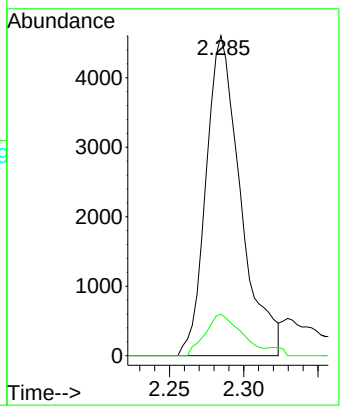


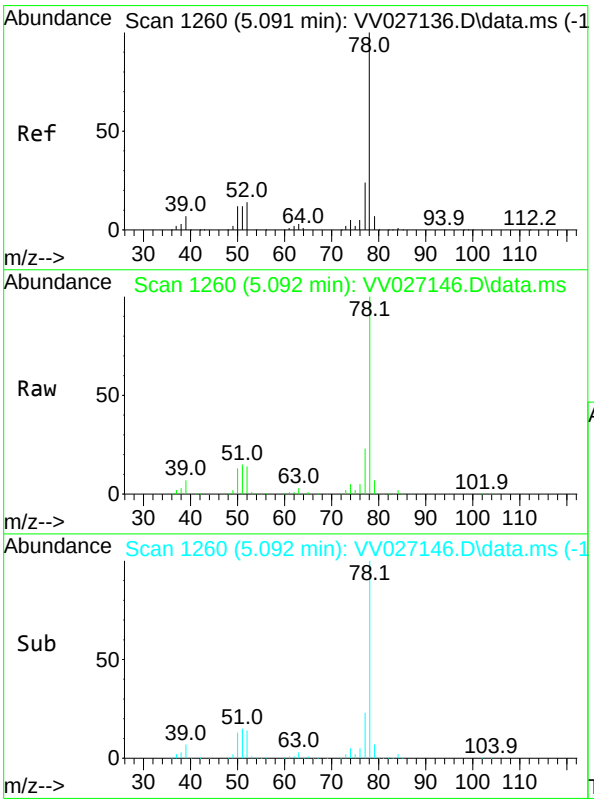
#14
Carbon disulfide
Concen: 0.549 ug/L
RT: 2.285 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV027146.D
Acq: 01 Aug 2022 23:45

Instrument :
MSVOA_V
ClientSampleId :
EXF02DL

Tgt Ion: 76 Resp: 7454

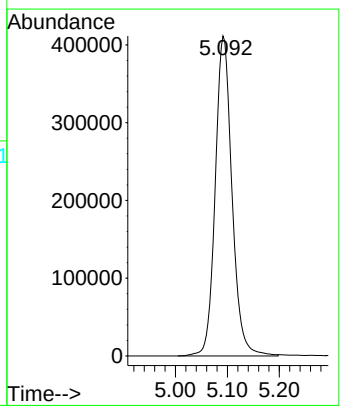
Ion	Ratio	Lower	Upper
76	100		
78	13.0	7.5	11.3#

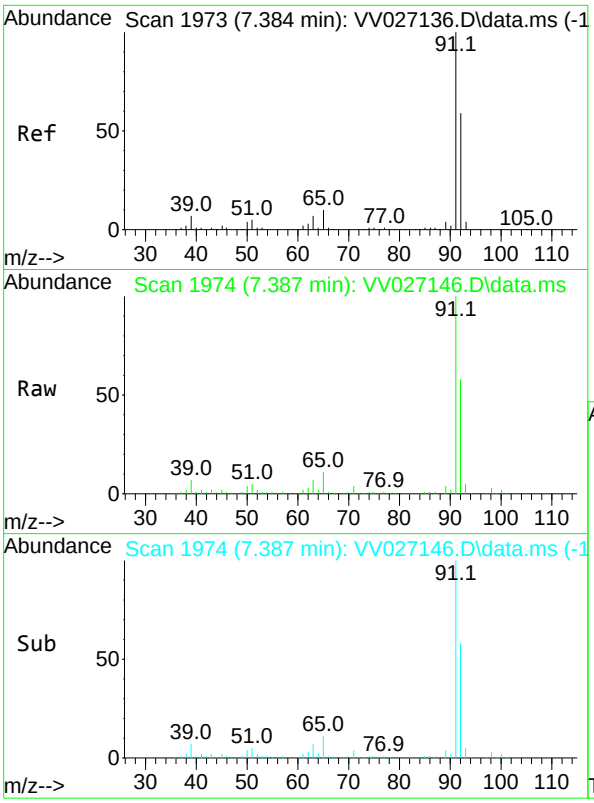




#33
Benzene
Concen: 47.872 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV027146.D
Acq: 01 Aug 2022 23:45

Tgt Ion: 78 Resp: 922062



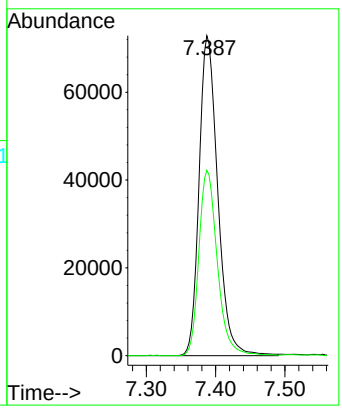


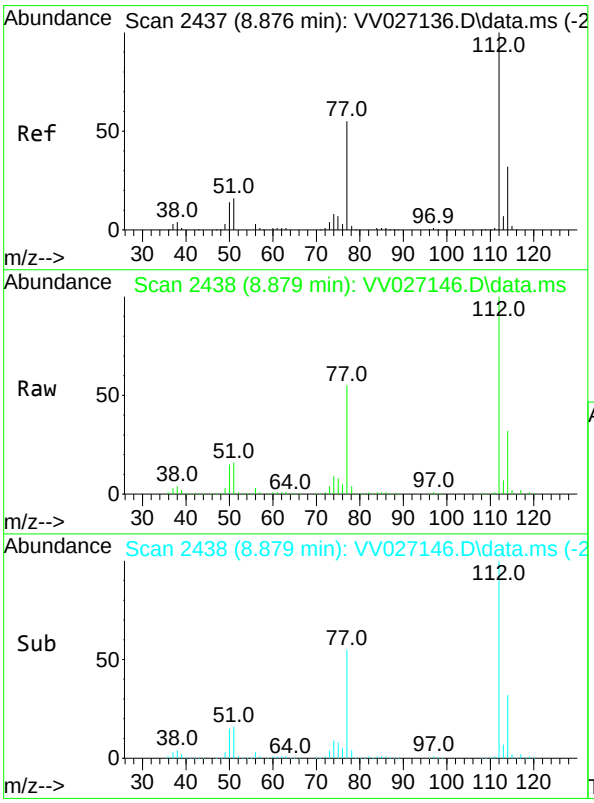
#42
Toluene
Concen: 6.851 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027146.D
Acq: 01 Aug 2022 23:45

Instrument :
MSVOA_V
ClientSampleId :
EXF02DL

Tgt Ion: 91 Resp: 136121

Ion	Ratio	Lower	Upper
91	100		
92	58.0	41.6	77.3





#51
Chlorobenzene
Concen: 72.060 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV027146.D
Acq: 01 Aug 2022 23:45

Tgt Ion:112 Resp: 990878

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.3	41.3
77	55.0	44.9	67.3