Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090121\
Data File : VV022068.D
Acq On : 01 Sep 2021 15:36
Operator : SY/MD
Sample : M3608-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Sep 02 06:07:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 02 05:24:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.619	114	393938	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.854	117	375372	50.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	215738	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.304	65	125864	46.14	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.28%				
7) Chloroethane-d5	1.561	69	100903	47.36	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.72%				
11) 1,1-Dichloroethene-d2	2.105	63	169955	37.67	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.34%				
21) 2-Butanone-d5	3.876	46	178589	95.45	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.45%				
24) Chloroform-d	4.349	84	220982	44.42	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.84%				
26) 1,2-Dichloroethane-d4	5.034	65	136651	46.64	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.28%				
32) Benzene-d6	5.050	84	468392	46.00	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.00%				
36) 1,2-Dichloropropane-d6	6.072	67	143659	44.87	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.74%				
41) Toluene-d8	7.317	98	431070	44.85	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.70%				
43) trans-1,3-Dichloroprop...	7.625	79	59901	39.31	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.62%				
47) 2-Hexanone-d5	8.088	63	131208	106.80	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.80%				
56) 1,1,2,2-Tetrachloroeth...	10.217	84	203854	49.71	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.42%				
66) 1,2-Dichlorobenzene-d4	11.625	152	184957	43.61	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.22%				
Target Compounds							Qvalue
8) Chloroethane	1.381	64	37505	20.74	ug/L	#	53
13) Acetone	2.159	43	4559	2.91	ug/L	#	71
33) Benzene	5.101	78	203689	18.65	ug/L		100
42) Toluene	7.391	91	722936	61.33	ug/L		99
44) trans-1,3-Dichloropropene	7.622	75	2397	0.59	ug/L	#	72
46) Tetrachloroethene	7.982	164	1904	0.79	ug/L		97
52) Ethylbenzene	9.014	91	720355	56.46	ug/L		99
53) m,p-Xylene	9.140	106	390412	78.72	ug/L		99
54) o-Xylene	9.545	106	289309	58.96	ug/L		100
55) Styrene	9.561	104	78421	9.36	ug/L	#	72
60) Isopropylbenzene	9.934	105	55055	4.06	ug/L		99
62) 1,3,5-Trimethylbenzene	10.542	105	190019	16.70	ug/L		99
63) 1,2,4-Trimethylbenzene	10.918	105	551751	47.70	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.464	75	36779	40.81	ug/L	#	1

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

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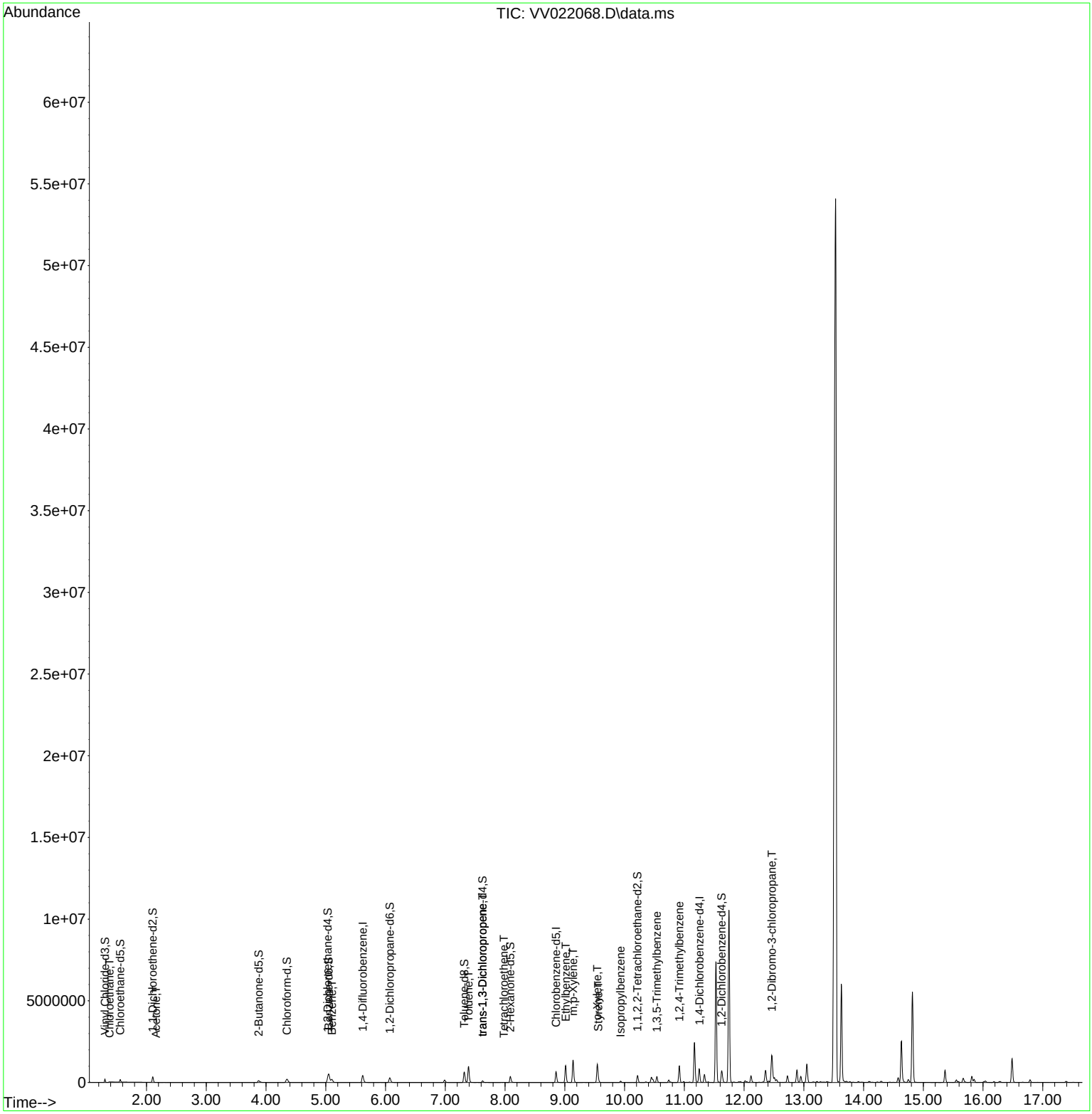
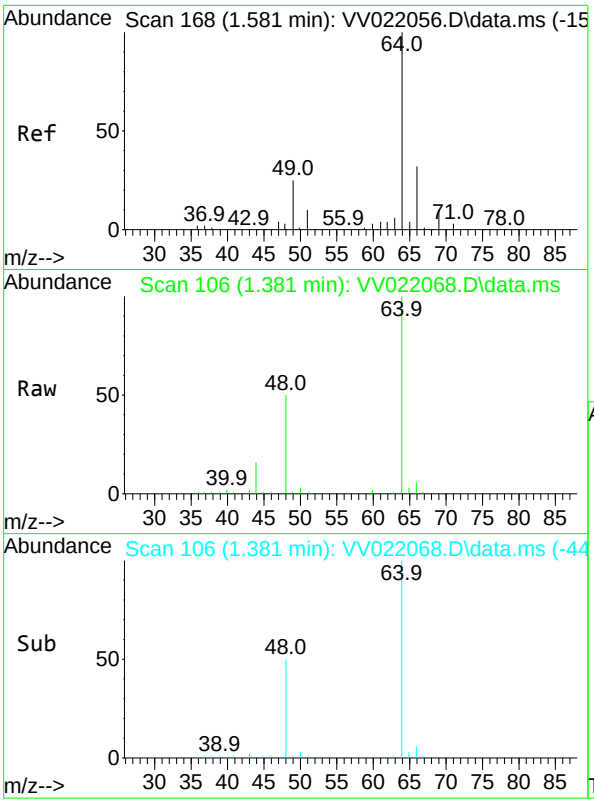
Operator : SY/MD
Sample : M3608-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 02 06:07:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 02 05:24:11 2021
Response via : Initial Calibration

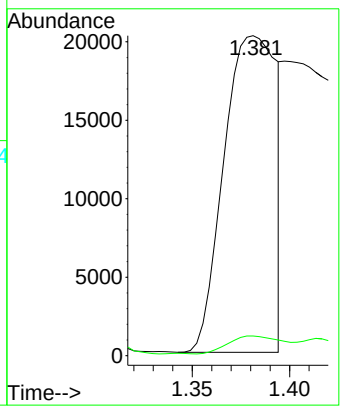




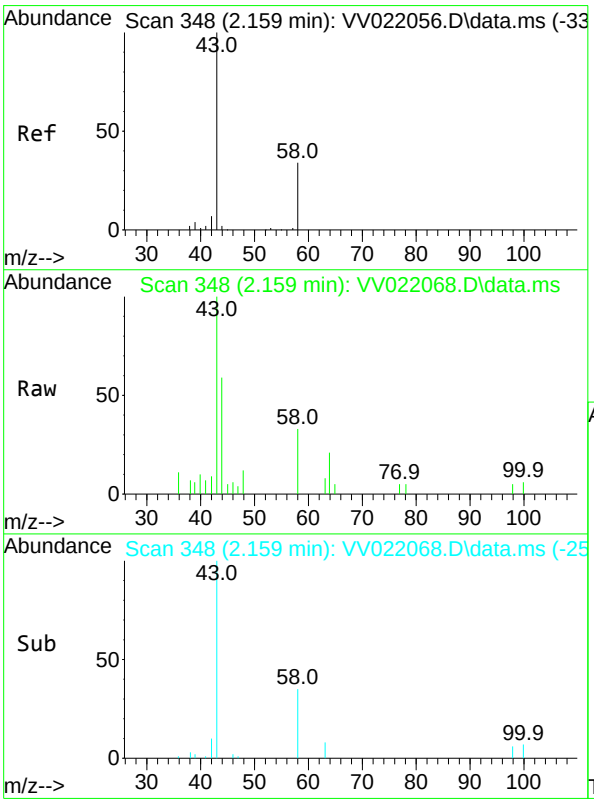
#8
Chloroethane
Concen: 20.74 ug/L
RT: 1.381 min Scan# 106
Delta R.T. -0.199 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion: 64 Resp: 37505

Ion	Ratio	Lower	Upper
64	100		
66	6.2	22.7	42.3#



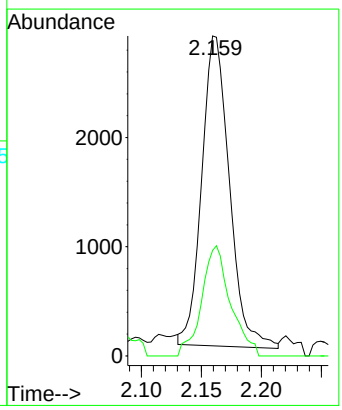
Instrument :
MSVOA_V
ClientSampleId :

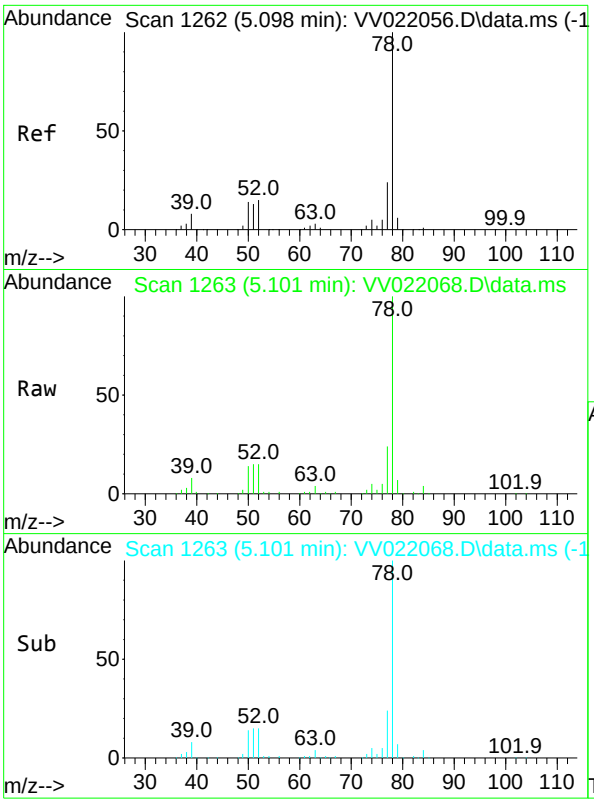


#13
Acetone
Concen: 2.91 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion: 43 Resp: 4559

Ion	Ratio	Lower	Upper
43	100		
58	36.9	0.0	0.4#

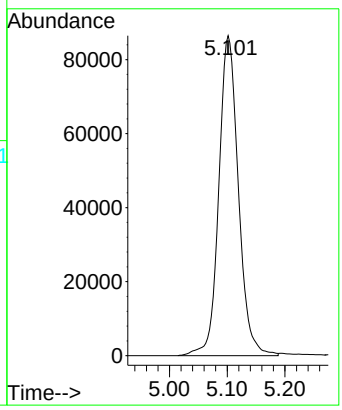


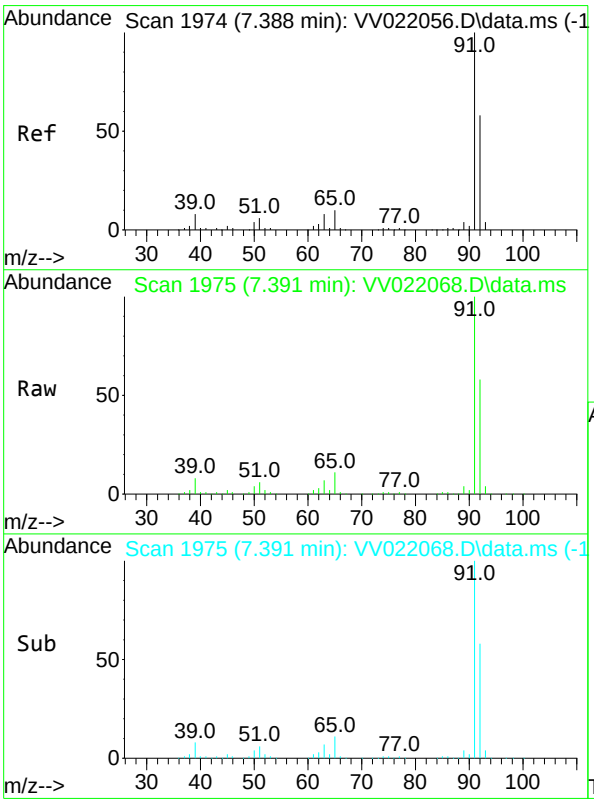


#33
Benzene
Concen: 18.65 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion: 78 Resp: 203689

Instrument :
MSVOA_V
ClientSampleId :

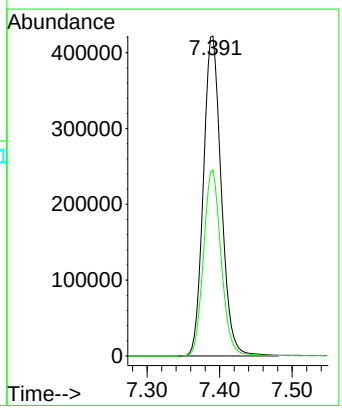




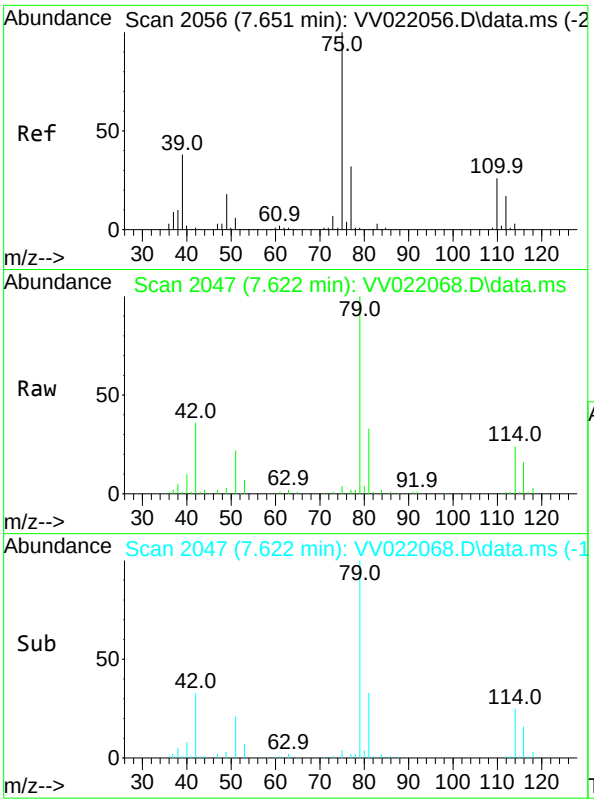
#42
Toluene
Concen: 61.33 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion: 91 Resp: 722936

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.3	74.8



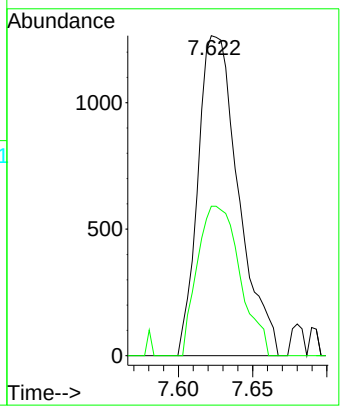
Instrument :
MSVOA_V
ClientSampleId :

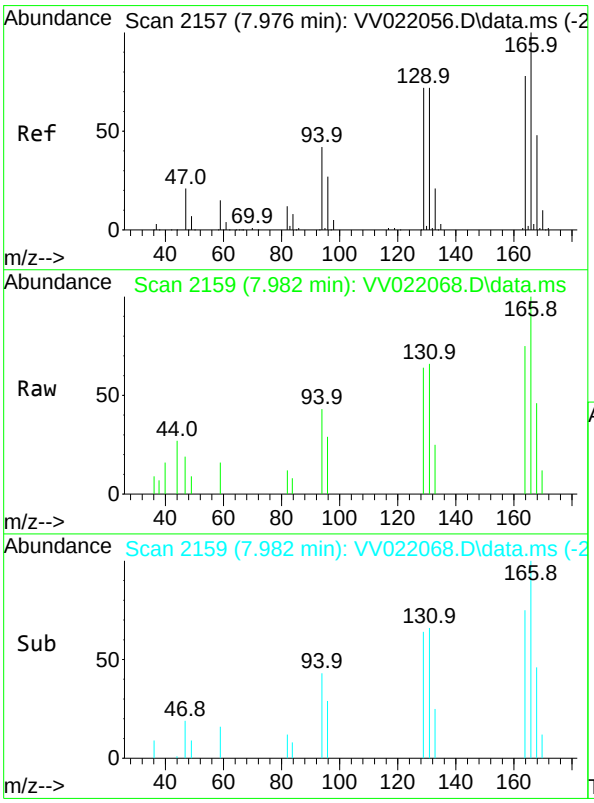


#44
trans-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion: 75 Resp: 2397

Ion	Ratio	Lower	Upper
75	100		
77	46.7	21.8	40.6#

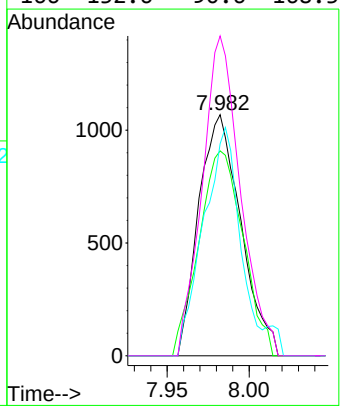




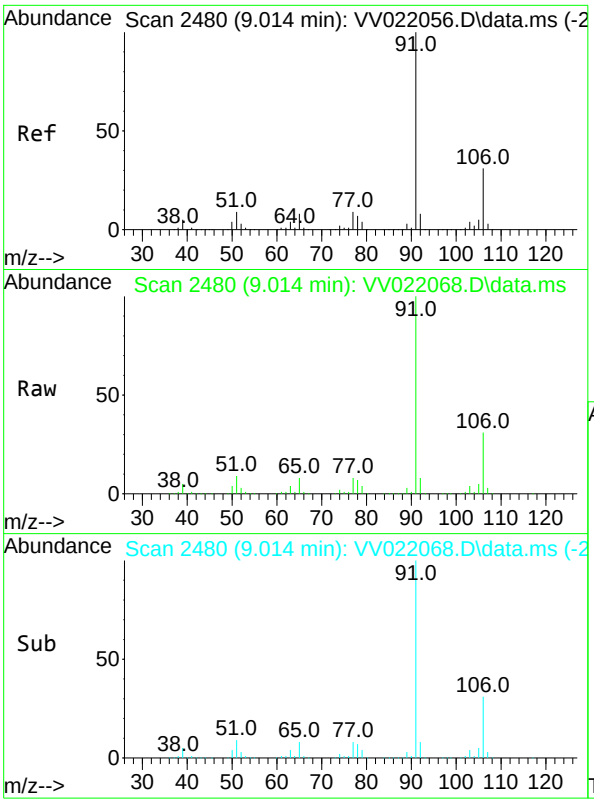
#46
Tetrachloroethene
Concen: 0.79 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion:164 Resp: 1904

Ion	Ratio	Lower	Upper
164	100		
129	85.0	62.9	116.9
131	87.9	61.0	113.4
166	132.6	90.6	168.3



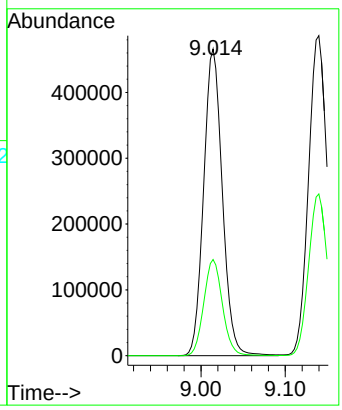
Instrument :
MSVOA_V
ClientSampleId :

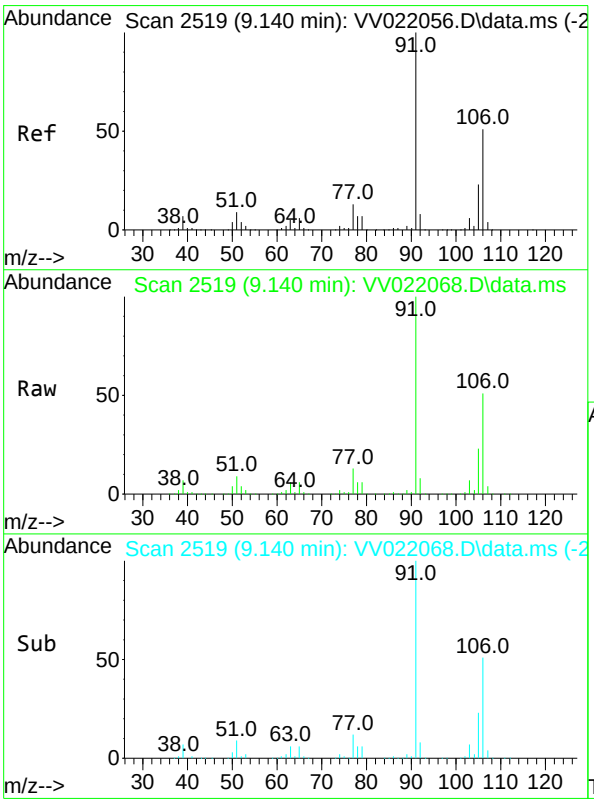


#52
Ethylbenzene
Concen: 56.46 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion: 91 Resp: 720355

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.7	40.3

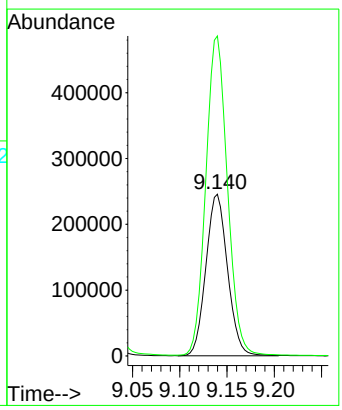


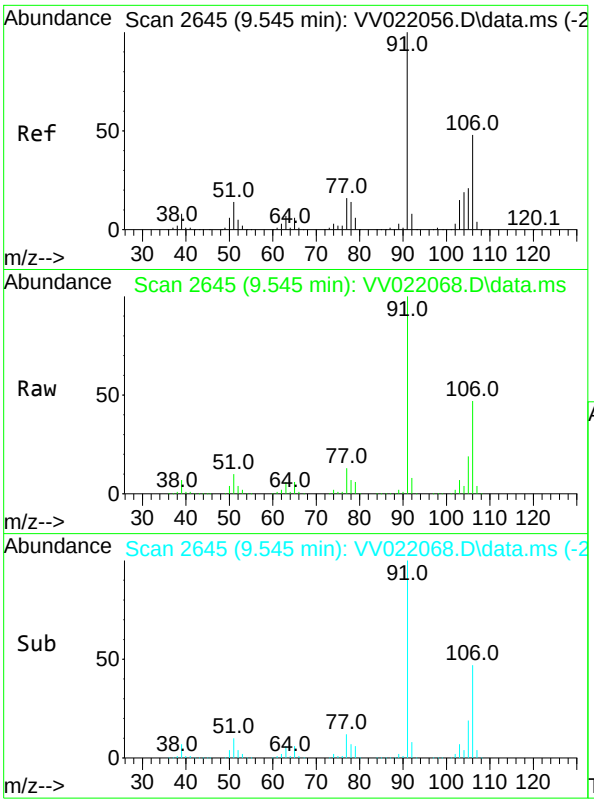


#53
m,p-Xylene
Concen: 78.72 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion:106 Resp: 390412

Ion	Ratio	Lower	Upper
106	100		
91	197.9	139.1	258.3

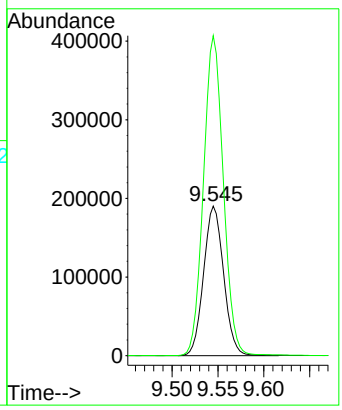




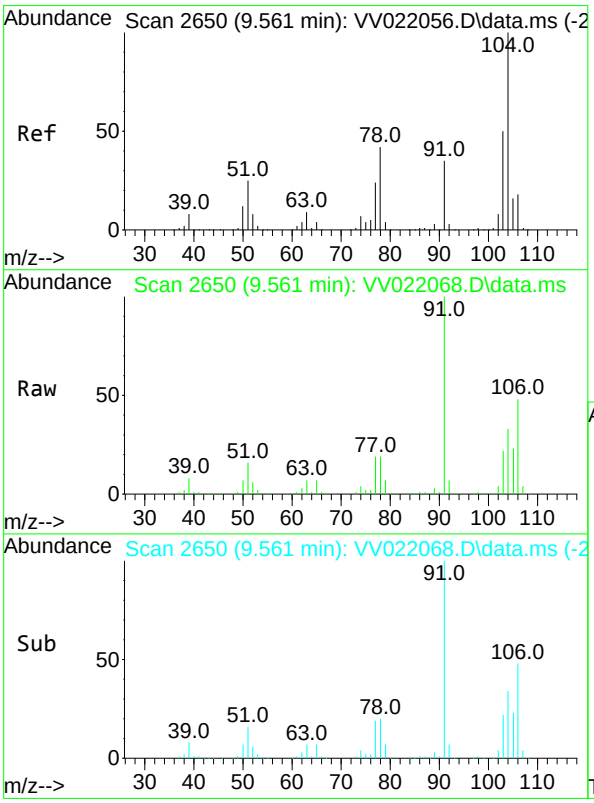
#54
o-Xylene
Concen: 58.96 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion:106 Resp: 289309

Ion	Ratio	Lower	Upper
106	100		
91	214.0	150.1	278.9



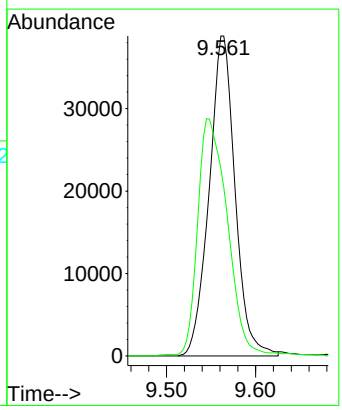
Instrument :
MSVOA_V
ClientSampleId :



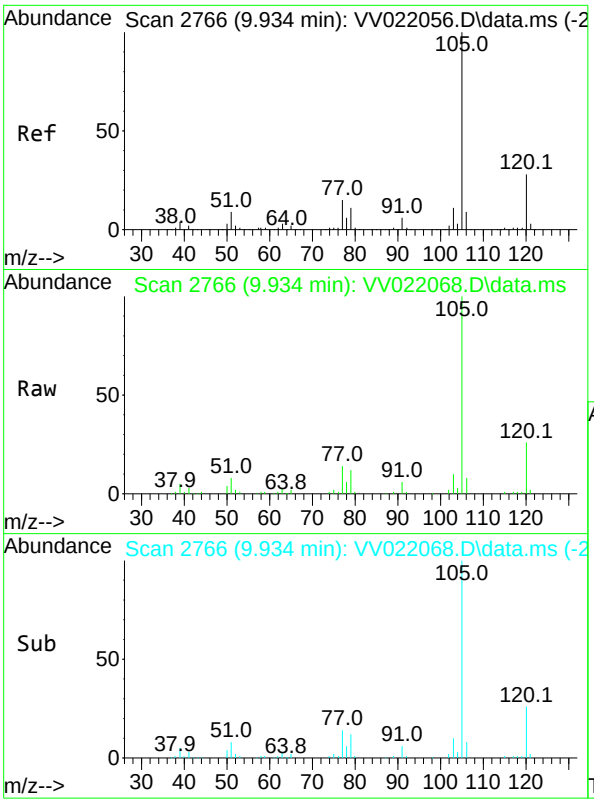
#55
Styrene
Concen: 9.36 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion:104 Resp: 78421

Ion	Ratio	Lower	Upper
104	100		
78	58.4	28.6	53.2#



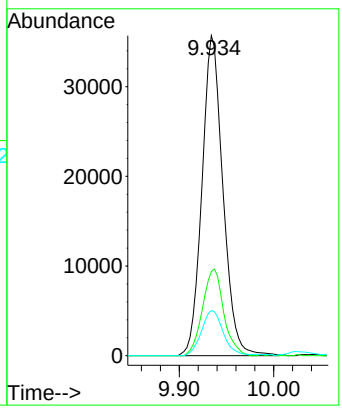
Instrument :
MSVOA_V
ClientSampleId :

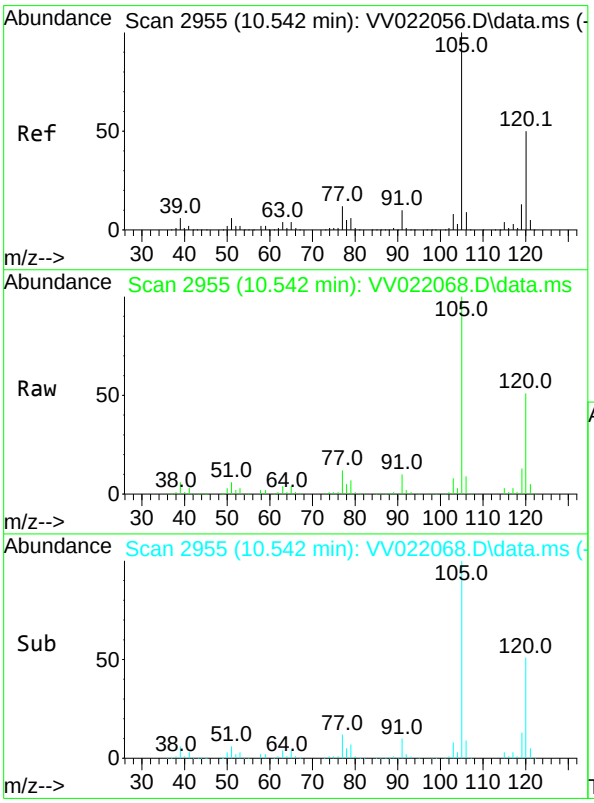


#60
Isopropylbenzene
Concen: 4.06 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion:105 Resp: 55055

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.5	32.3
77	14.7	11.8	17.6

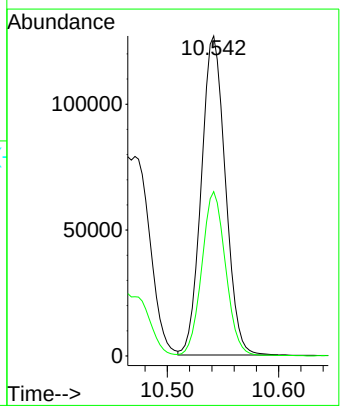


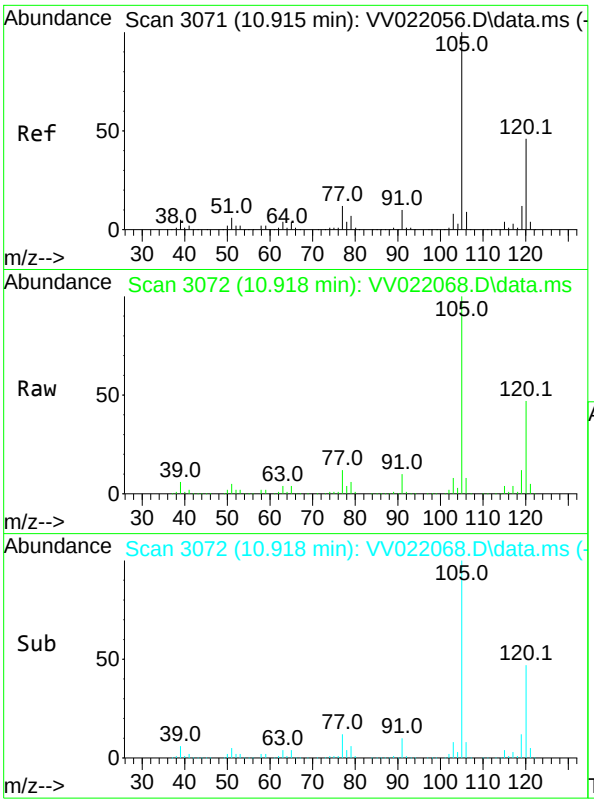


#62
1,3,5-Trimethylbenzene
Concen: 16.70 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion:105 Resp: 190019

Ion	Ratio	Lower	Upper
105	100		
120	50.4	39.6	59.4

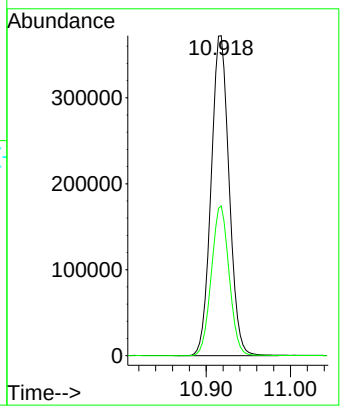




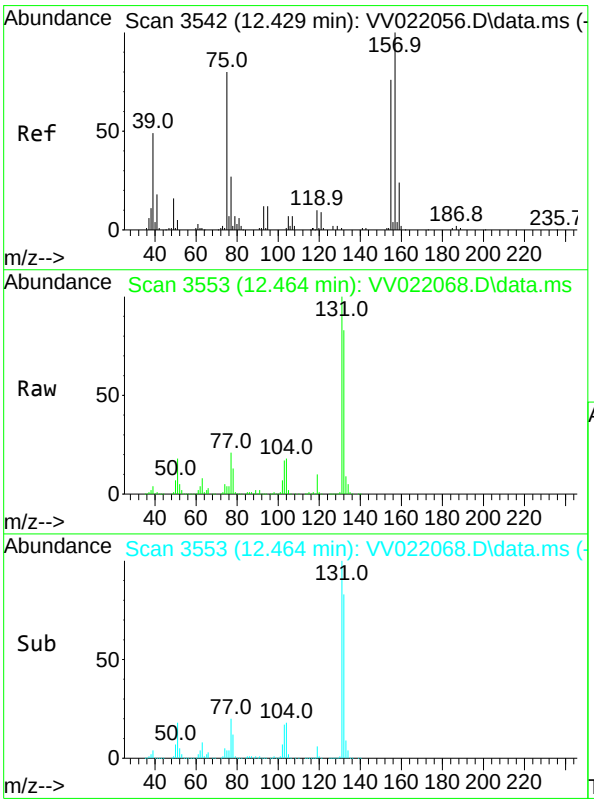
#63
1,2,4-Trimethylbenzene
Concen: 47.70 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion:105 Resp: 551751

Ion	Ratio	Lower	Upper
105	100		
120	46.3	37.4	56.0



Instrument :
MSVOA_V
ClientSampleId :



#68
1,2-Dibromo-3-chloropropane
Concen: 40.81 ug/L
RT: 12.464 min Scan# 3553
Delta R.T. 0.035 min
Lab File: VV022068.D
Acq: 01 Sep 2021 15:36

Tgt Ion: 75 Resp: 36779

Ion	Ratio	Lower	Upper
75	100		
155	0.0	79.8	119.6#
157	0.0	98.3	147.5#