Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028256.D
Acq On : 01 Oct 2022 03:53
Operator : SY/MD
Sample : N4856-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H37

Quant Time: Oct 01 04:28:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	200563	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	208887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	101551	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65897	3.169	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.400%			
7) Chloroethane-d5	1.561	69	58566	3.543	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.800%			
11) 1,1-Dichloroethene-d2	2.098	63	95068	2.636	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 52.800%#			
20) 2-Butanone-d5	3.905	46	147681	42.070	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.140%			
24) Chloroform-d	4.339	84	135981	4.098	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.000%			
26) 1,2-Dichloroethane-d4	5.027	65	61819	3.916	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%			
32) Benzene-d6	5.043	84	275548	4.023	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.400%			
36) 1,2-Dichloropropane-d6	6.066	67	83937	3.931	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.600%			
41) Toluene-d8	7.310	98	242654	3.914	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
43) trans-1,3-Dichloroprop...	7.622	79	25233	3.271	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 65.400%			
46) 2-Hexanone-d5	8.088	63	140228	43.561	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.120%			
56) 1,1,2,2-Tetrachloroeth...	10.213	84	65355	4.478	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	95666	4.803	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.000%			
Target Compounds						Qvalue
14) Carbon disulfide	2.285	76	13292	0.500	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	1846	0.116	ug/L #	60
33) Benzene	5.098	78	64812	1.117	ug/L	100
47) Tetrachloroethene	7.979	164	856	0.074	ug/L	83
52) Ethylbenzene	9.011	91	15951	0.249	ug/L	94
53) m,p-Xylene	9.140	106	4252	0.173	ug/L	74
54) o-Xylene	9.548	106	1482	0.061	ug/L	81
63) 1,2,4-Trimethylbenzene	10.914	105	6695	0.143	ug/L	98

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

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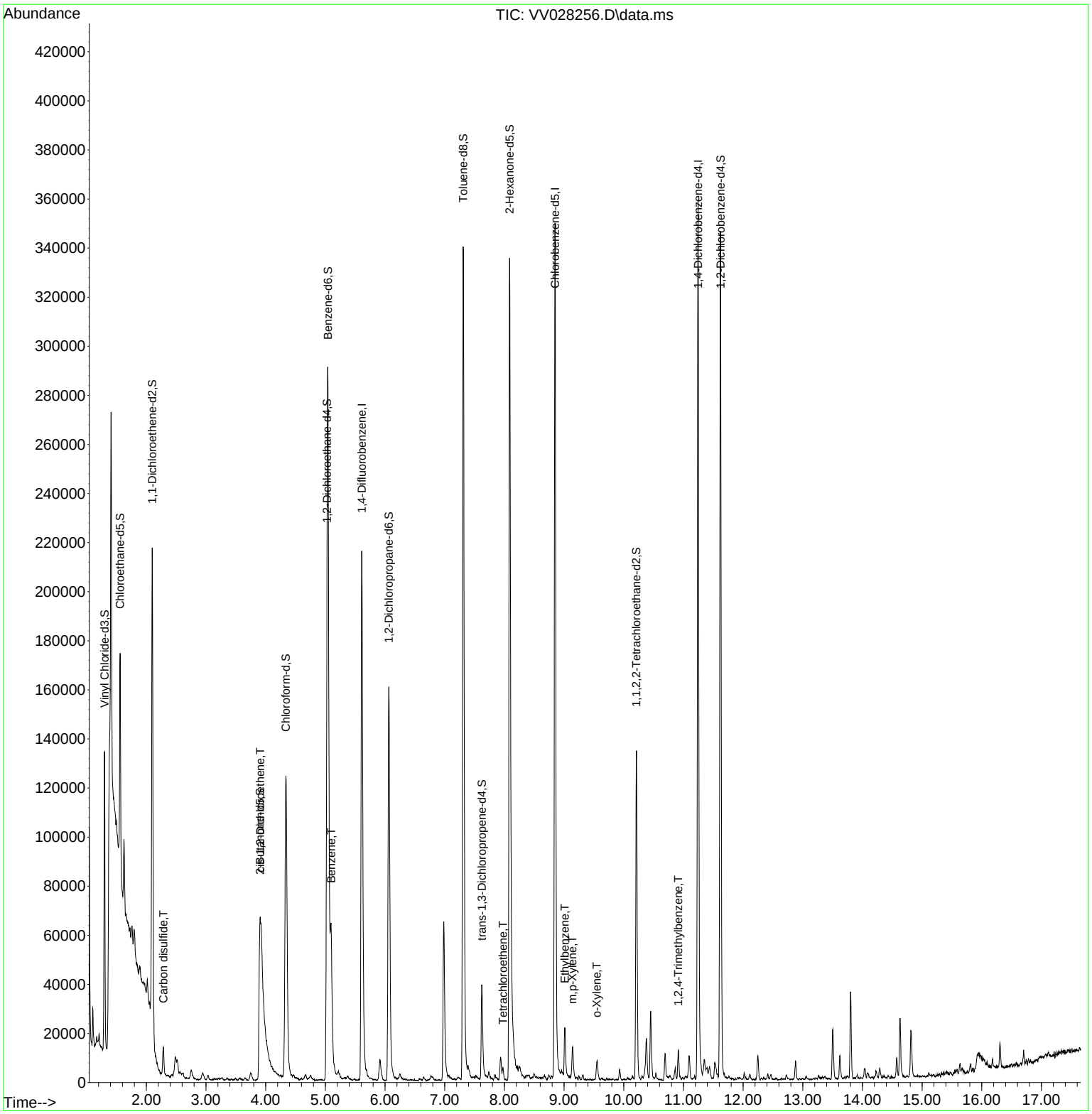
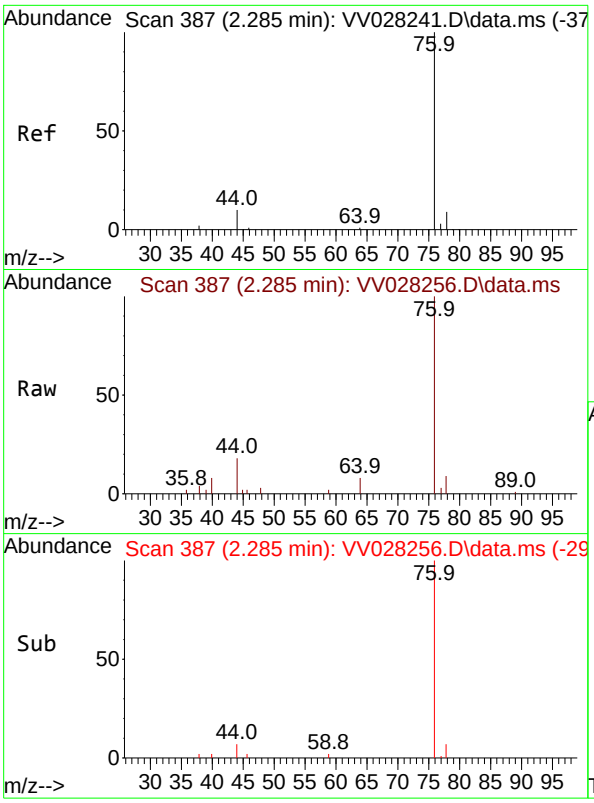


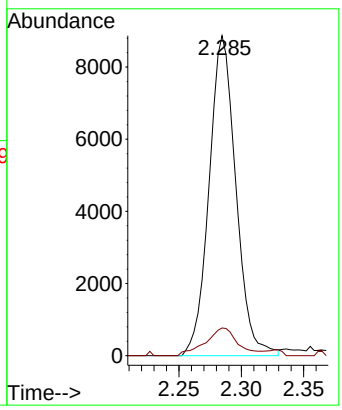


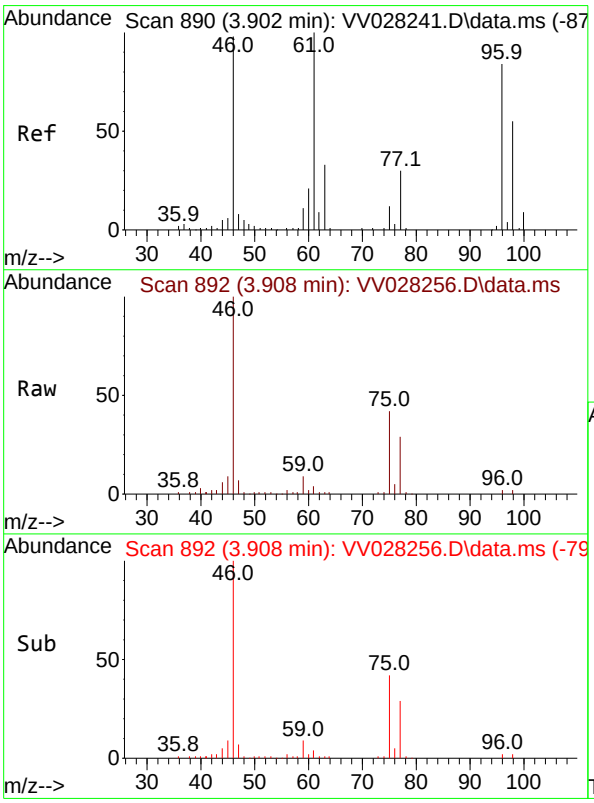
#14
Carbon disulfide
Concen: 0.500 ug/L
RT: 2.285 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028256.D
Acq: 01 Oct 2022 03:53

Instrument :
MSVOA_V
ClientSampleId :
F5H37

Tgt Ion: 76 Resp: 13292

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.6	11.4

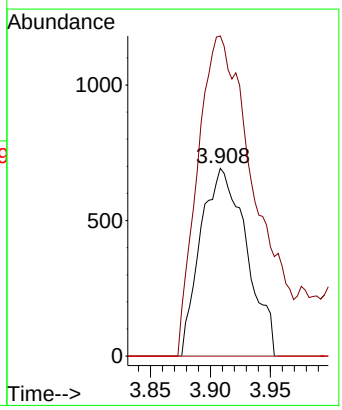


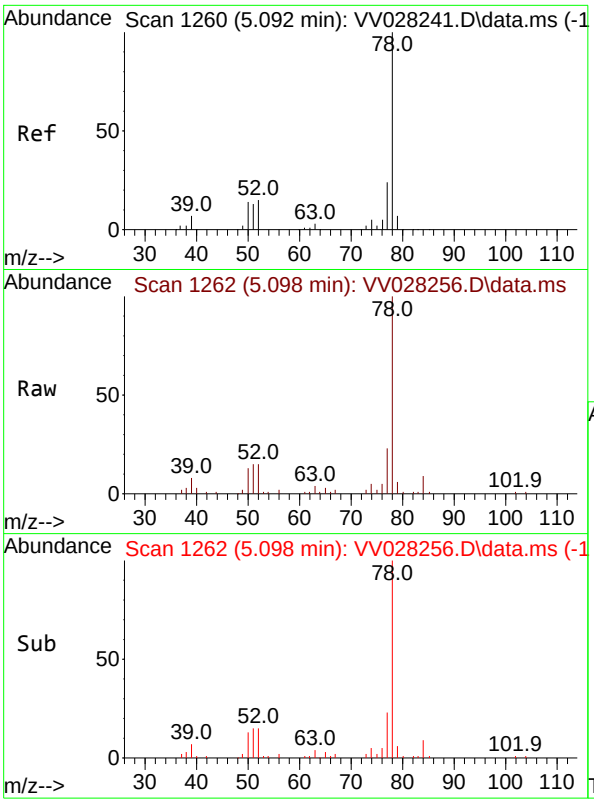


#22
cis-1,2-Dichloroethene
Concen: 0.116 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.009 min
Lab File: VV028256.D
Acq: 01 Oct 2022 03:53

Tgt Ion: 96 Resp: 1846

Ion	Ratio	Lower	Upper
96	100		
61	170.4	87.2	161.9#
68	0.0	0.0	0.0

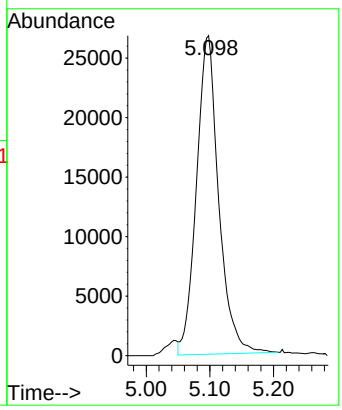


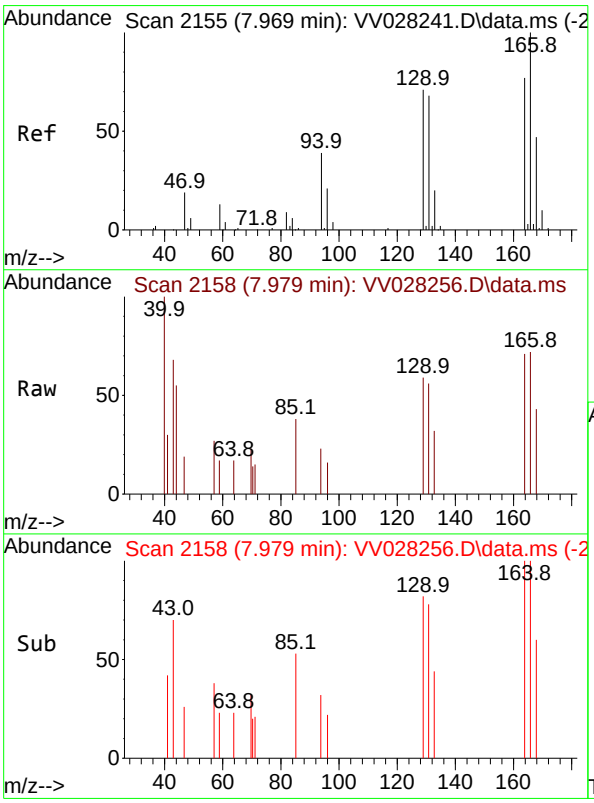


#33
Benzene
Concen: 1.117 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.009 min
Lab File: VV028256.D
Acq: 01 Oct 2022 03:53

Instrument :
MSVOA_V
ClientSampleId :
F5H37

Tgt Ion: 78 Resp: 64812

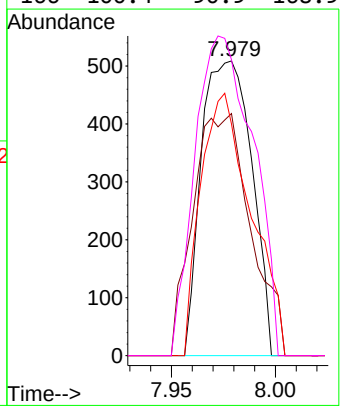


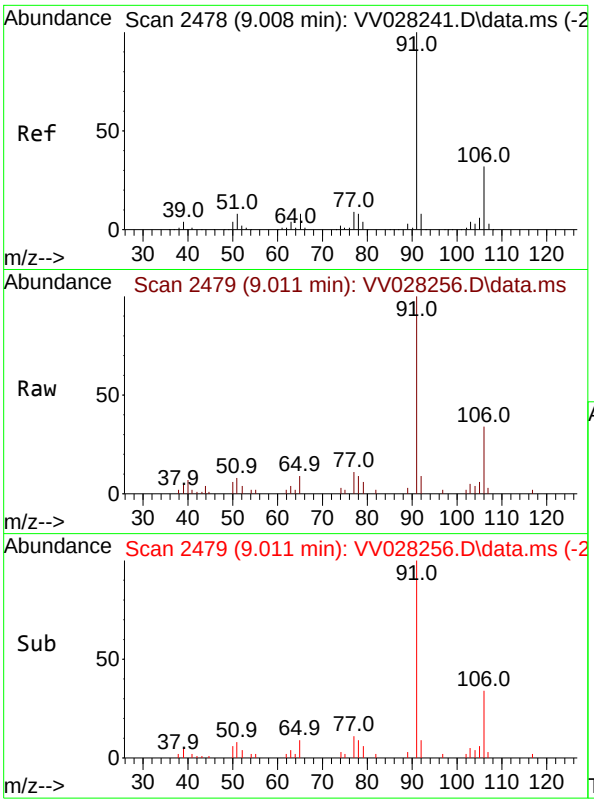


#47
Tetrachloroethene
Concen: 0.074 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.009 min
Lab File: VV028256.D
Acq: 01 Oct 2022 03:53

Tgt Ion:164 Resp: 856

Ion	Ratio	Lower	Upper
164	100		
129	82.1	66.7	123.9
131	78.6	61.7	114.5
166	100.4	90.9	168.9



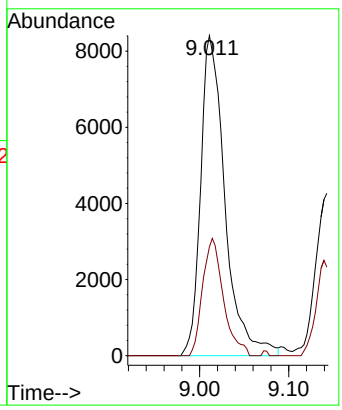


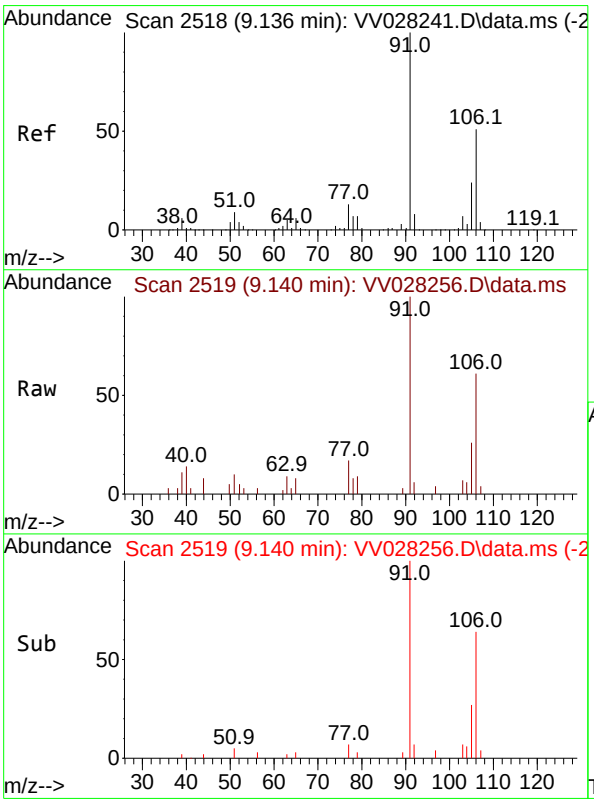
#52
Ethylbenzene
Concen: 0.249 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV028256.D
Acq: 01 Oct 2022 03:53

Instrument :
MSVOA_V
ClientSampleId :
F5H37

Tgt Ion: 91 Resp: 15951

Ion	Ratio	Lower	Upper
91	100		
106	33.9	21.5	39.9

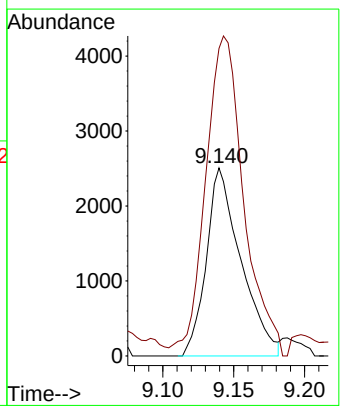


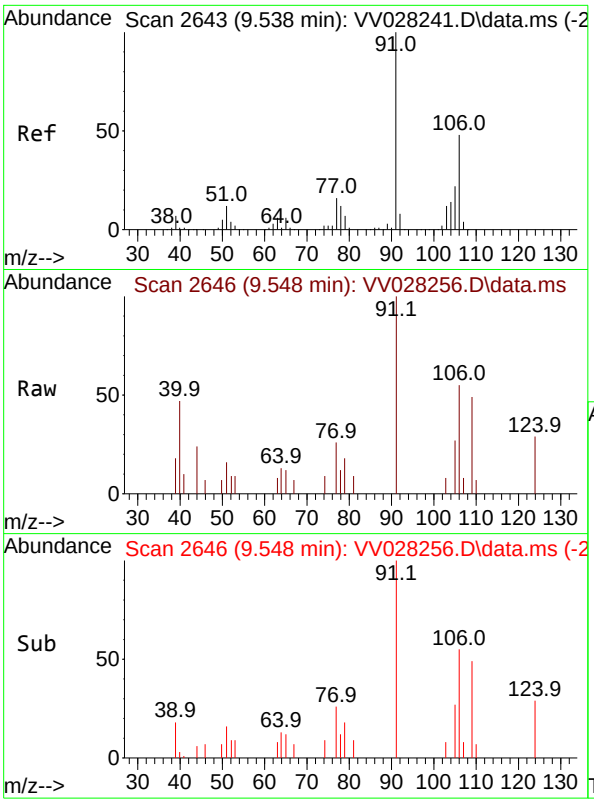


#53
m,p-Xylene
Concen: 0.173 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV028256.D
Acq: 01 Oct 2022 03:53

Tgt Ion:106 Resp: 4252

Ion	Ratio	Lower	Upper
106	100		
91	163.6	141.9	263.5



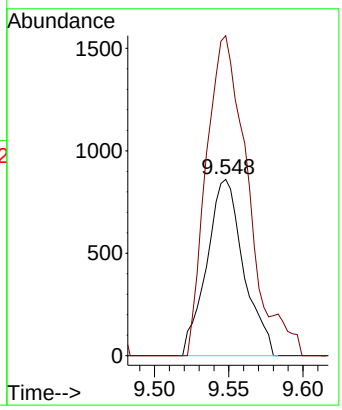


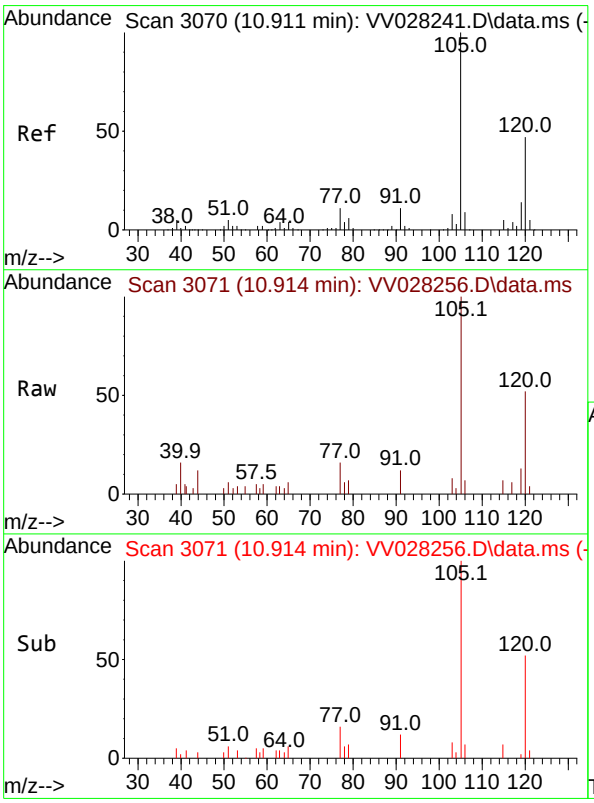
#54
o-Xylene
Concen: 0.061 ug/L
RT: 9.548 min Scan# 2
Delta R.T. 0.009 min
Lab File: VV028256.D
Acq: 01 Oct 2022 03:53

Instrument :
MSVOA_V
ClientSampleId :
F5H37

Tgt Ion:106 Resp: 1482

Ion	Ratio	Lower	Upper
106	100		
91	181.4	148.1	275.0





#63
1,2,4-Trimethylbenzene
Concen: 0.143 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV028256.D
Acq: 01 Oct 2022 03:53

Tgt Ion:105 Resp: 6695

Ion	Ratio	Lower	Upper
105	100		
120	46.2	37.8	56.8