Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028755.D
Acq On : 28 Oct 2022 14:31
Operator : SY/MD
Sample : N5233-08DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA76DL

Quant Time: Oct 28 21:53:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 21:50:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	180313	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	167627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	73637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44158	3.521	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.400%			
7) Chloroethane-d5	1.568	69	44859	4.231	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.600%			
11) 1,1-Dichloroethene-d2	2.105	63	70155	2.892	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.800%#			
20) 2-Butanone-d5	3.896	46	175620	61.416	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.840%			
24) Chloroform-d	4.346	84	96932	4.451	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
26) 1,2-Dichloroethane-d4	5.031	65	52297	4.733	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
32) Benzene-d6	5.047	84	184102	4.107	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.200%			
36) 1,2-Dichloropropane-d6	6.066	67	67619	4.765	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.400%			
41) Toluene-d8	7.314	98	149085	4.262	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
43) trans-1,3-Dichloroprop...	7.625	79	15249	3.459	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.200%			
46) 2-Hexanone-d5	8.088	63	115145	56.108	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.220%			
56) 1,1,2,2-Tetrachloroeth...	10.211	84	47643	5.063	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	11.619	152	49730	4.896	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	7735	0.548	ug/L	91
16) Methylene chloride	2.507	84	7075	0.518	ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	32940	2.755	ug/L #	96
33) Benzene	5.095	78	296880	5.926	ug/L	100
51) Chlorobenzene	8.876	112	29830	0.997	ug/L	98
52) Ethylbenzene	9.011	91	20027	0.379	ug/L	98
53) m,p-Xylene	9.149	106	2251	0.118	ug/L	76
60) Isopropylbenzene	9.931	105	6164	0.133	ug/L	94

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

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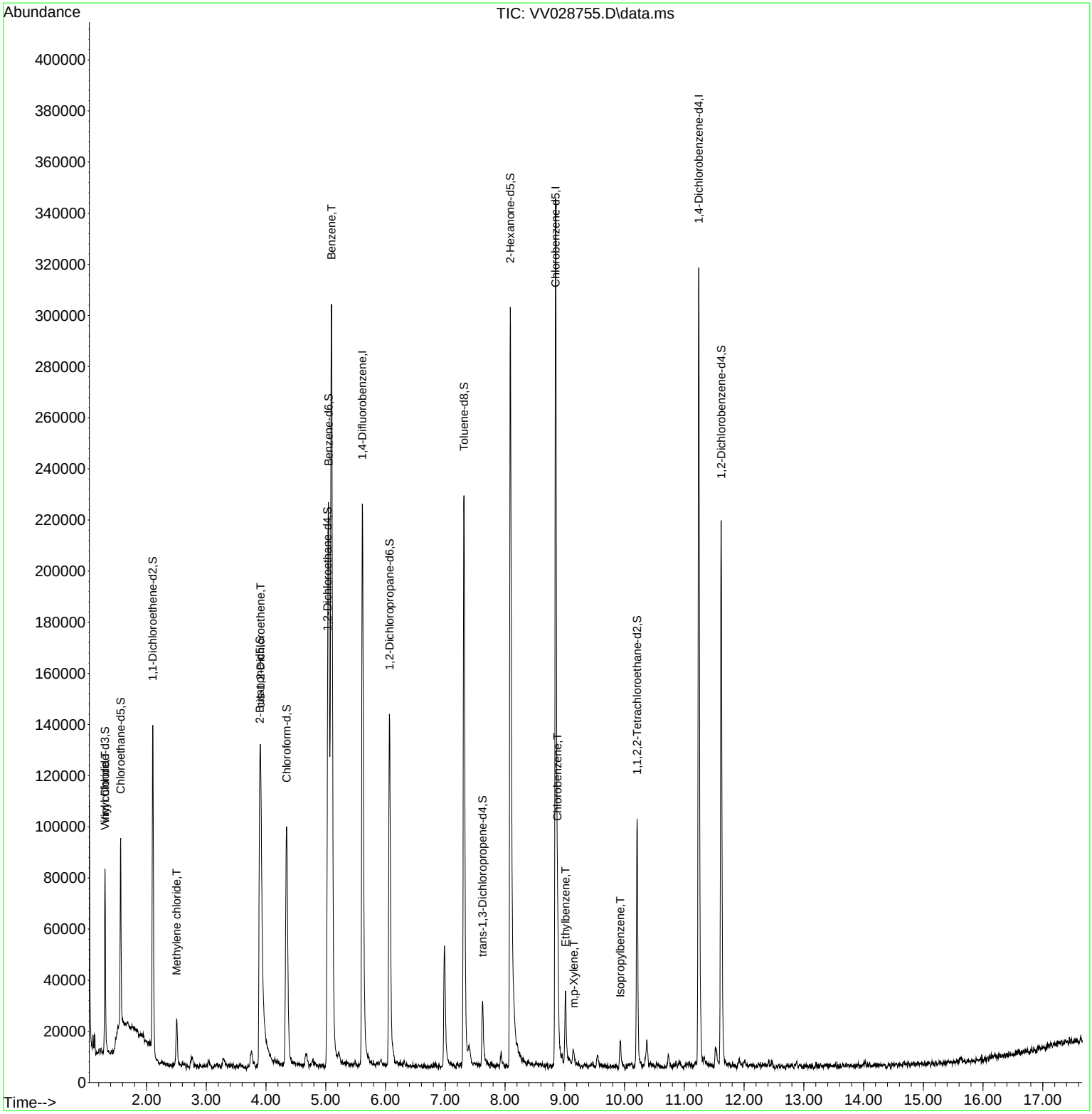
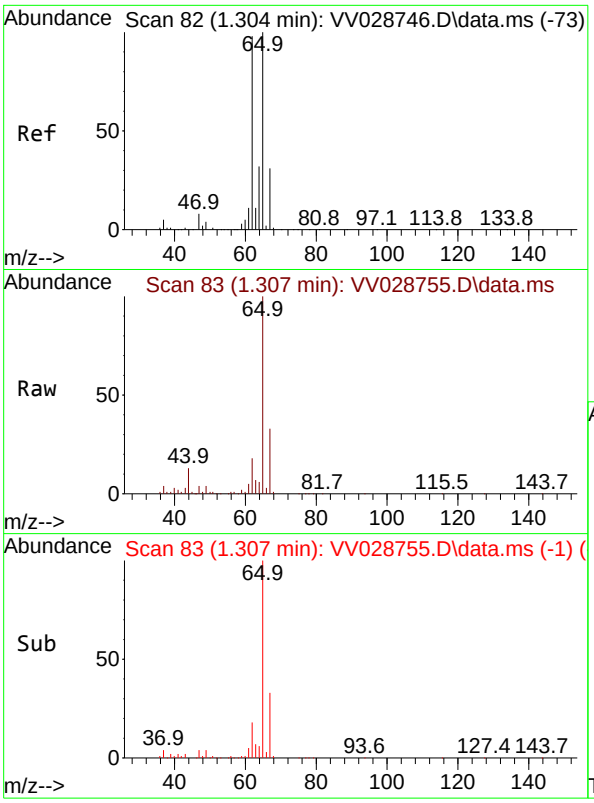


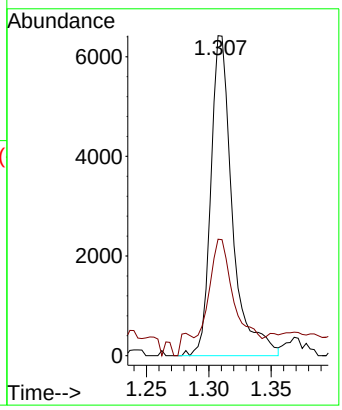


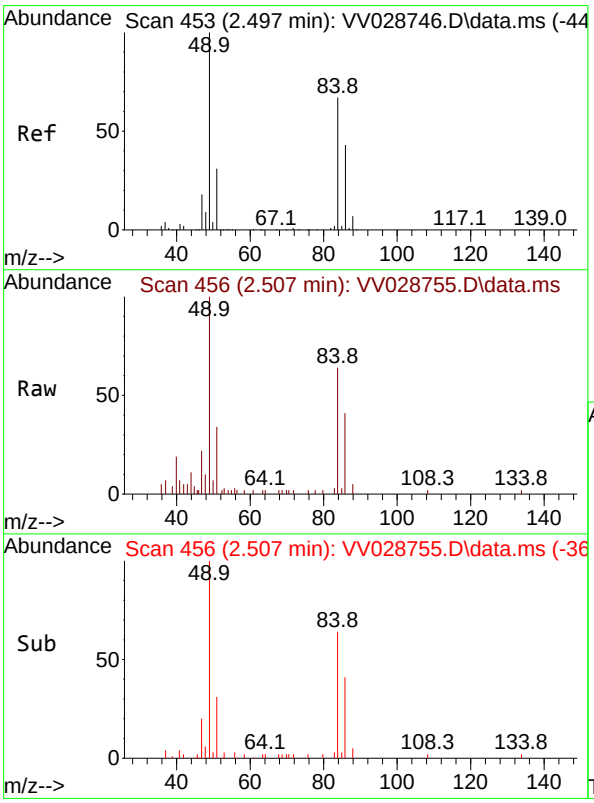
#5
Vinyl chloride
Concen: 0.548 ug/L
RT: 1.307 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Instrument :
MSVOA_V
ClientSampleId :
BHA76DL

Tgt Ion: 62 Resp: 7735

Ion	Ratio	Lower	Upper
62	100		
64	36.4	22.0	41.0

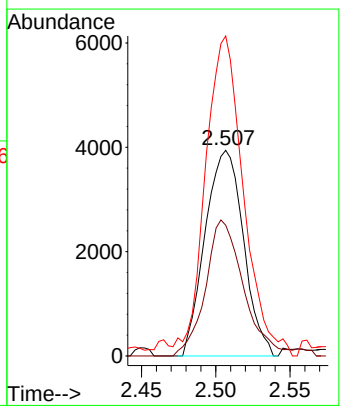


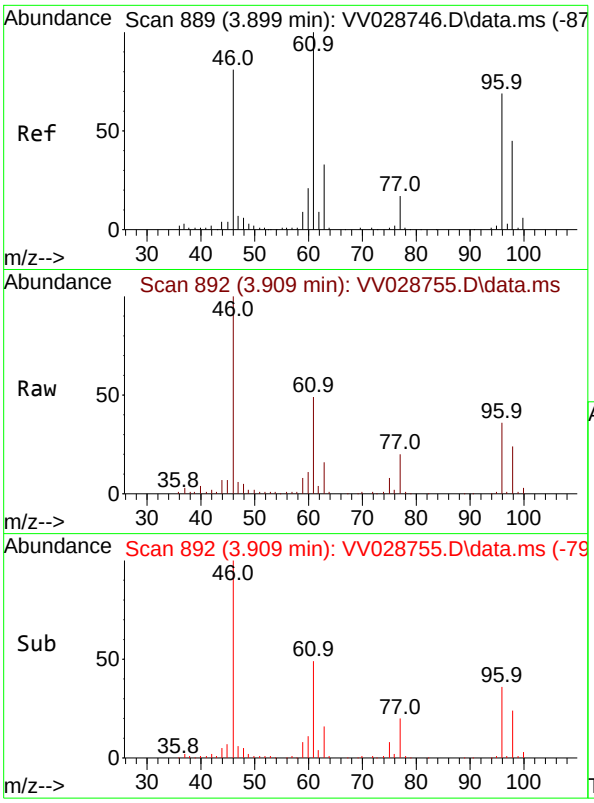


#16
Methylene chloride
Concen: 0.518 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.010 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Tgt Ion: 84 Resp: 7075

Ion	Ratio	Lower	Upper
84	100		
86	63.6	44.4	82.4
49	155.6	110.8	205.8



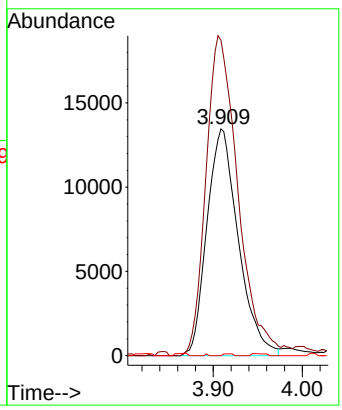


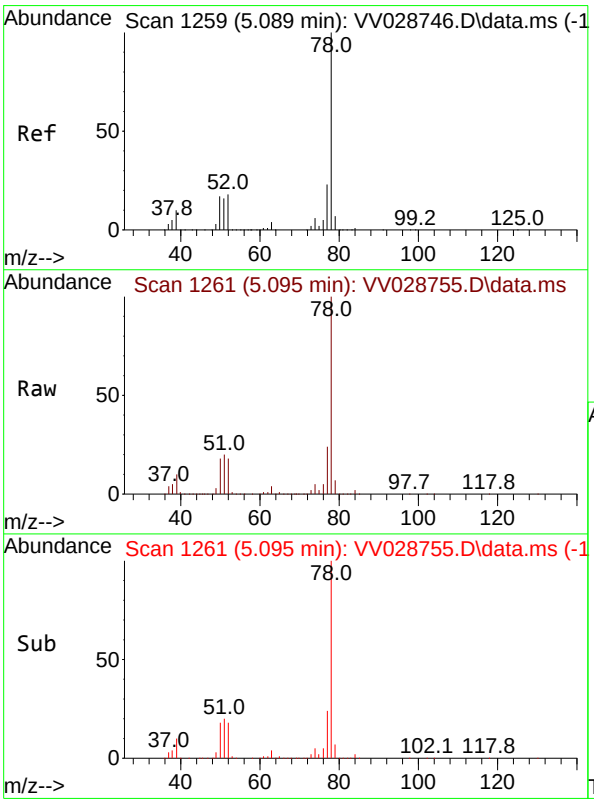
#22
cis-1,2-Dichloroethene
Concen: 2.755 ug/L
RT: 3.909 min Scan# 8
Delta R.T. 0.010 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Instrument :
MSVOA_V
ClientSampleId :
BHA76DL

Tgt Ion: 96 Resp: 32940

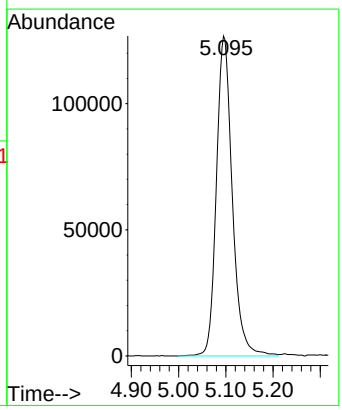
Ion	Ratio	Lower	Upper
96	100		
61	139.2	101.4	188.2
68	0.0	0.5	0.9#

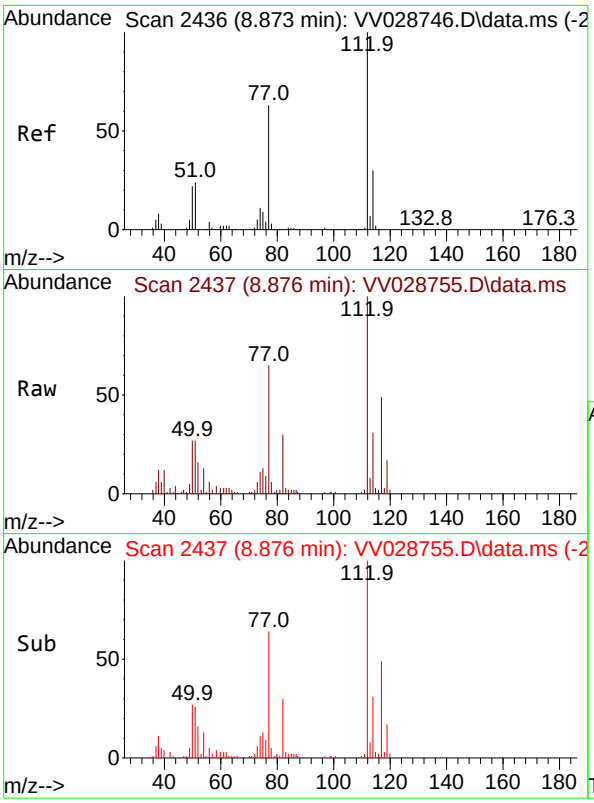




#33
Benzene
Concen: 5.926 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Tgt Ion: 78 Resp: 296880



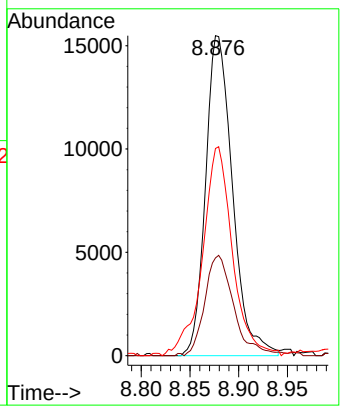


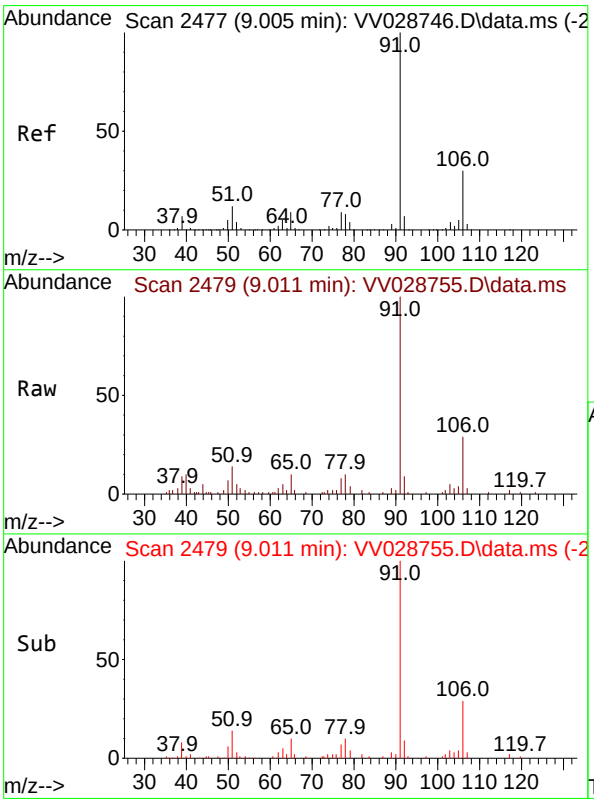
#51
Chlorobenzene
Concen: 0.997 ug/L
RT: 8.876 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Instrument :
MSVOA_V
ClientSampleId :
BHA76DL

Tgt Ion:112 Resp: 29830

Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.0	41.0
77	64.7	50.0	75.0

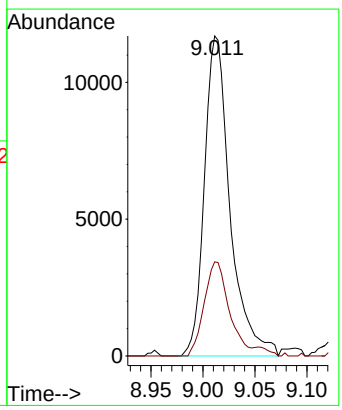


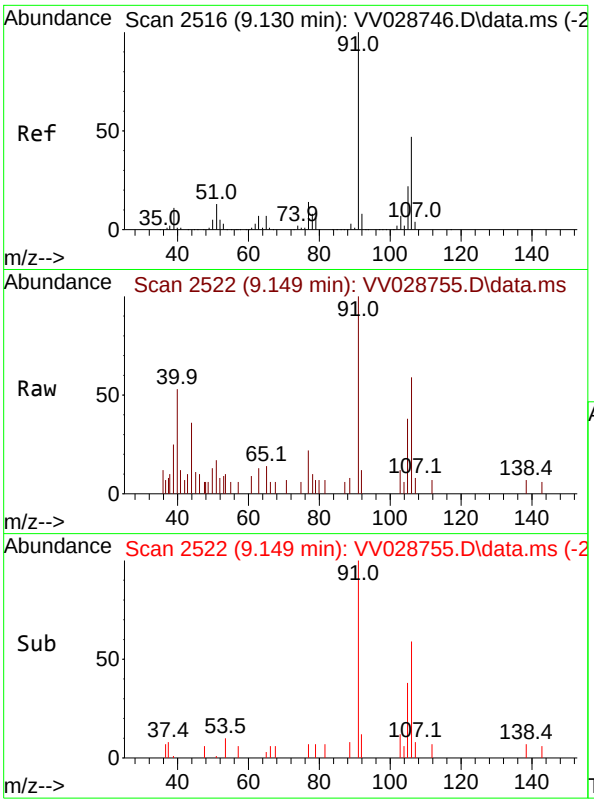


#52
Ethylbenzene
Concen: 0.379 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Tgt Ion: 91 Resp: 20027

Ion	Ratio	Lower	Upper
91	100		
106	29.4	21.3	39.6



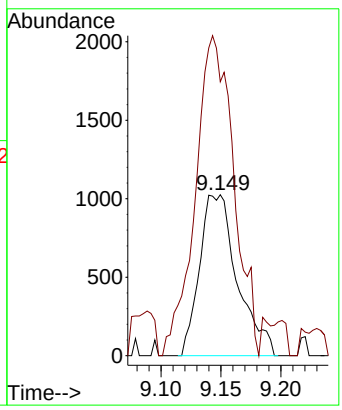


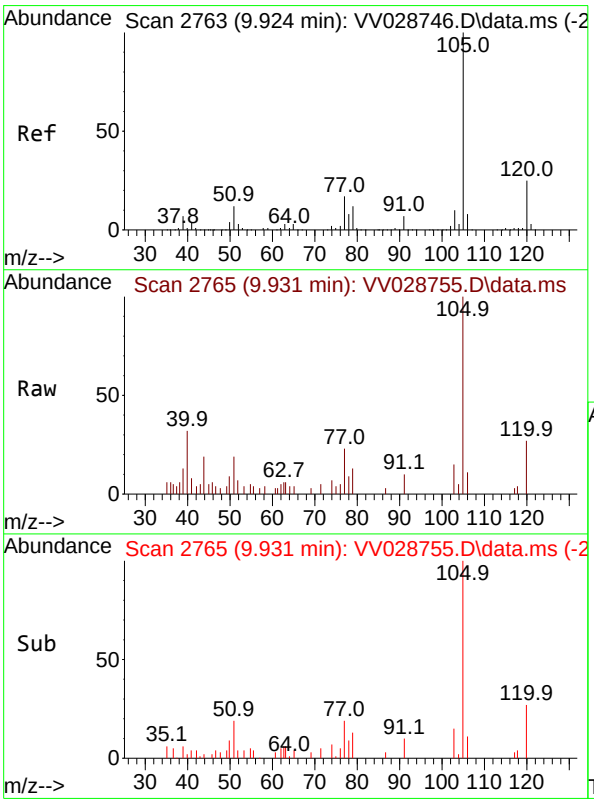
#53
m,p-Xylene
Concen: 0.118 ug/L
RT: 9.149 min Scan# 2
Delta R.T. 0.019 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Instrument :
MSVOA_V
ClientSampleId :
BHA76DL

Tgt Ion:106 Resp: 2251

Ion	Ratio	Lower	Upper
106	100		
91	170.1	145.5	270.1





#60
Isopropylbenzene
Concen: 0.133 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.006 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Tgt Ion:105 Resp: 6164

Ion	Ratio	Lower	Upper
105	100		
120	27.8	20.1	30.1
77	19.4	13.4	20.0