Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
Data File : VU051573.D
Acq On : 28 Oct 2022 17:29
Operator : JC/MD
Sample : N5300-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA88

Quant Time: Oct 28 22:53:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 22:38:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222268	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	232794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84675	5.058	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.200%			
7) Chloroethane-d5	1.909	69	77445	4.436	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.800%			
11) 1,1-Dichloroethene-d2	2.565	65	27440	4.517	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.400%			
20) 2-Butanone-d5	4.620	46	241097	39.768	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.540%			
24) Chloroform-d	5.060	84	162213	4.141	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.800%			
26) 1,2-Dichloroethane-d4	5.700	65	89892	4.248	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
32) Benzene-d6	5.726	84	313907	4.273	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.400%			
36) 1,2-Dichloropropane-d6	6.690	67	109968	4.281	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.600%			
41) Toluene-d8	7.896	98	222937	3.859	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.200%			
43) trans-1,3-Dichloroprop...	8.179	79	26202	3.336	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 66.800%			
46) 2-Hexanone-d5	8.632	63	172166	36.412	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.820%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	95454	4.055	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	84645	4.934	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.867	63	4041	0.106	ug/L	99
33) Benzene	5.774	78	134226	1.461	ug/L	100
51) Chlorobenzene	9.446	112	31504	0.531	ug/L	94
52) Ethylbenzene	9.568	91	14656	0.161	ug/L	100
53) m,p-Xylene	9.690	106	12703	0.359	ug/L	95
54) o-Xylene	10.099	106	4689	0.136	ug/L	94
63) 1,2,4-Trimethylbenzene	11.468	105	5371	0.101	ug/L	92

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

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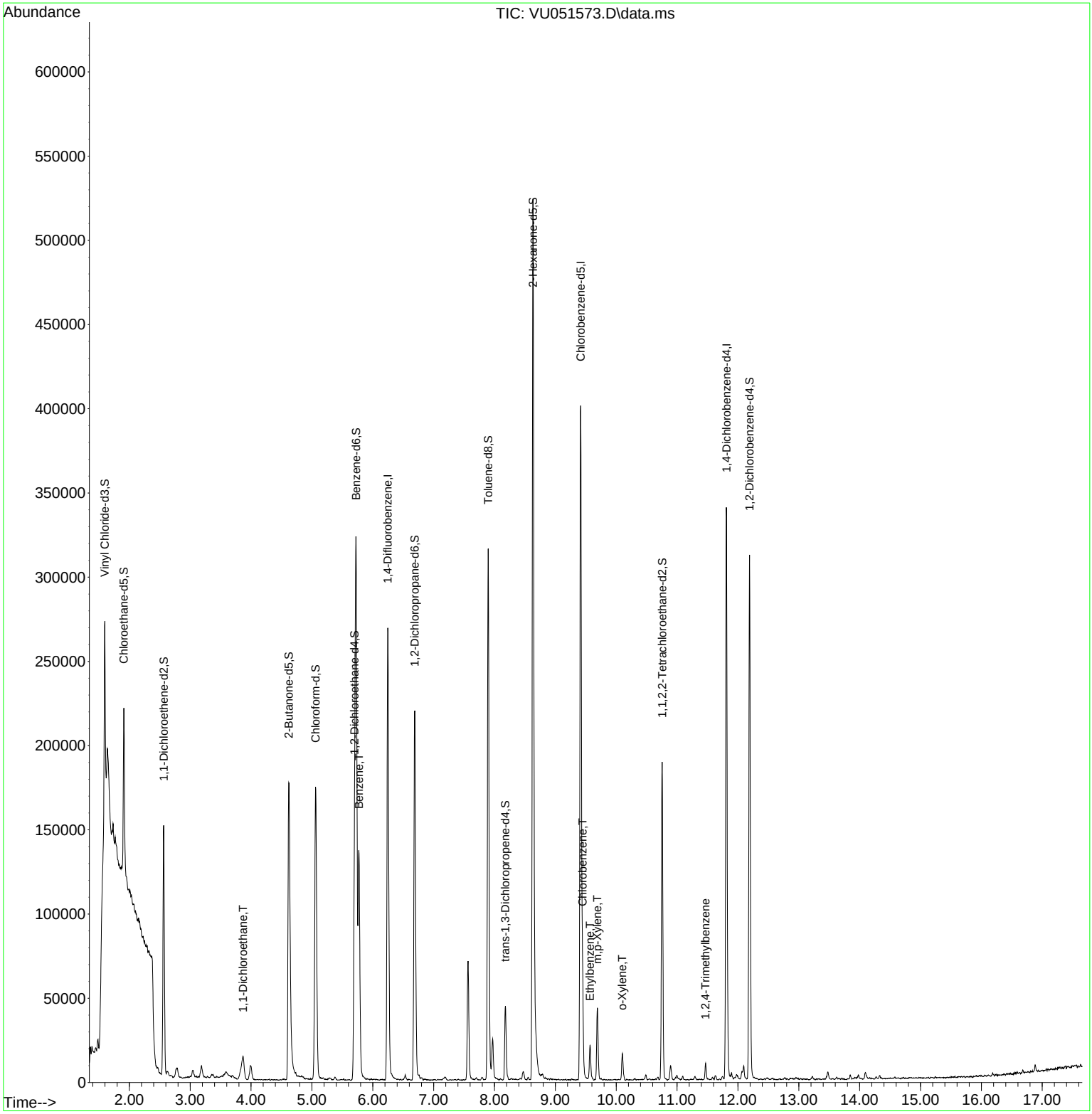
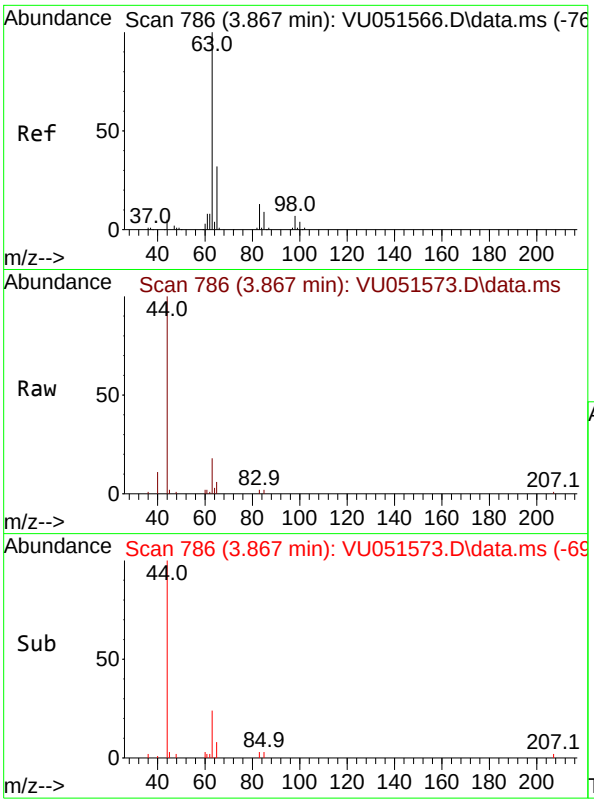


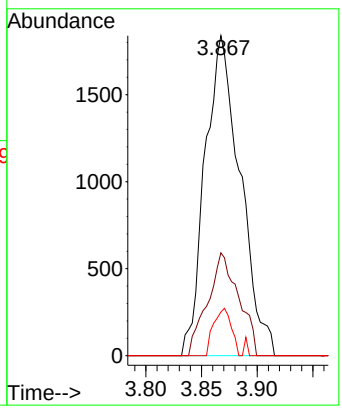


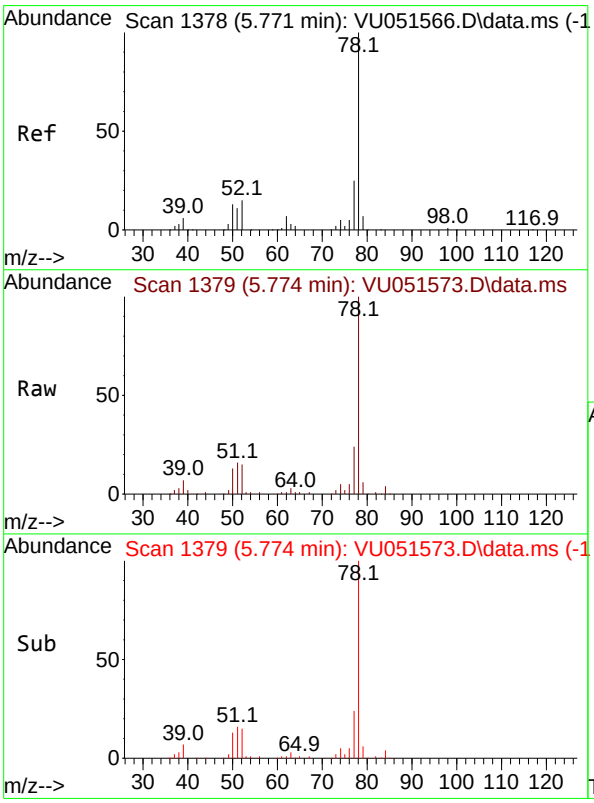
#19
1,1-Dichloroethane
Concen: 0.106 ug/L
RT: 3.867 min Scan# 7
Delta R.T. 0.000 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :
BHA88

Tgt Ion: 63 Resp: 4041

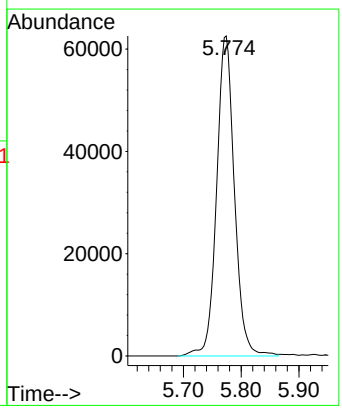
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.7	42.1
83	13.6	9.2	17.0

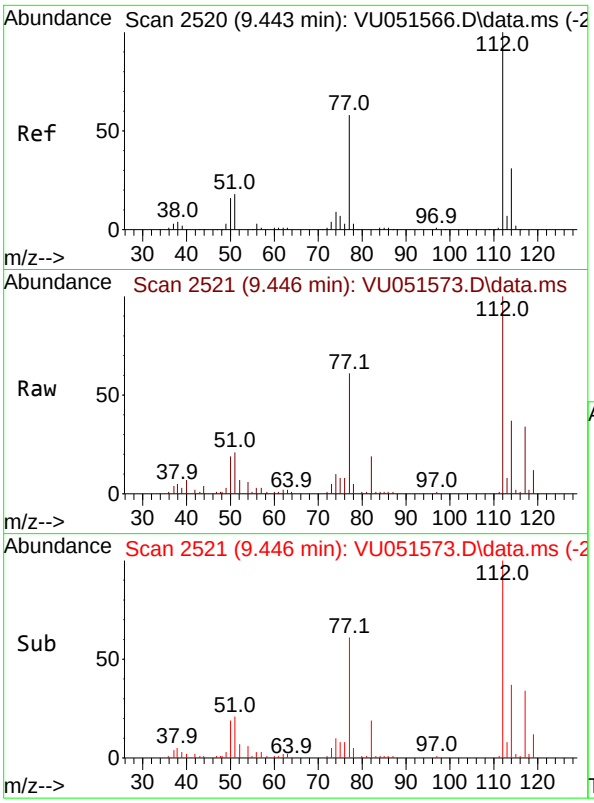




#33
Benzene
Concen: 1.461 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

Tgt Ion: 78 Resp: 134226



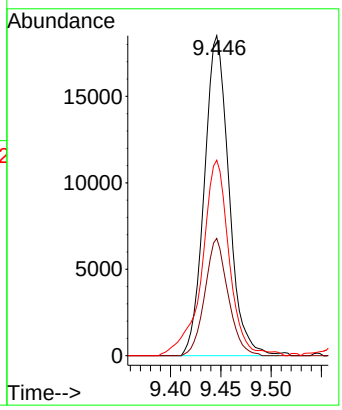


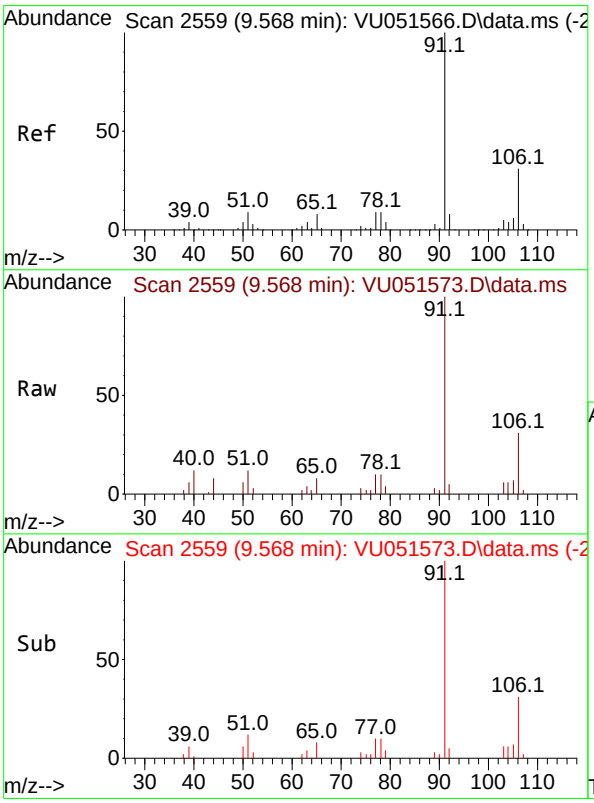
#51
Chlorobenzene
Concen: 0.531 ug/L
RT: 9.446 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :
BHA88

Tgt Ion:112 Resp: 31504

Ion	Ratio	Lower	Upper
112	100		
114	36.7	22.0	40.8
77	61.1	46.7	70.1

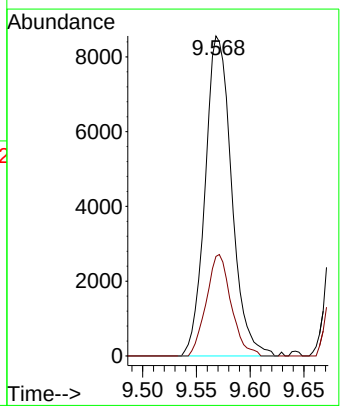


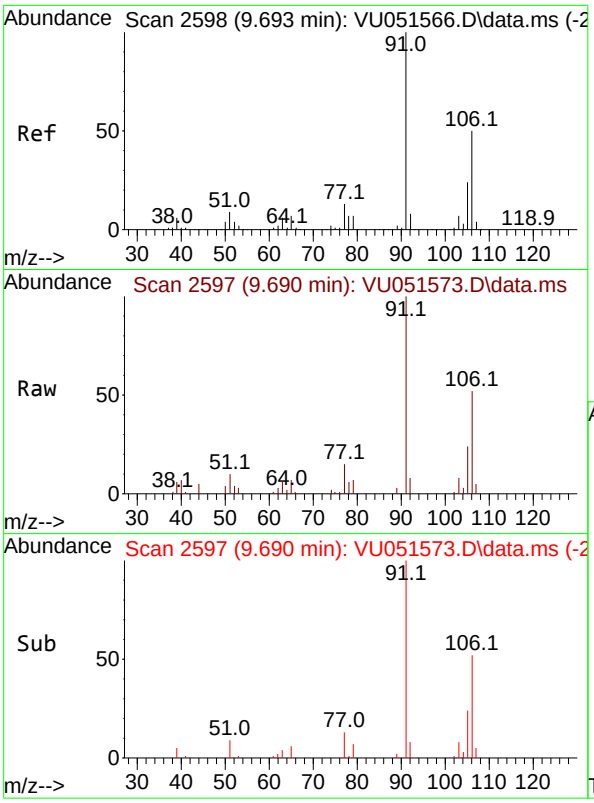


#52
Ethylbenzene
Concen: 0.161 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

Tgt Ion: 91 Resp: 14656

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.8	40.6



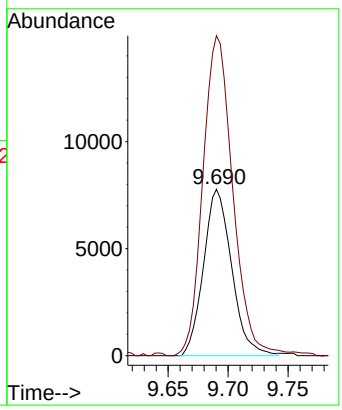


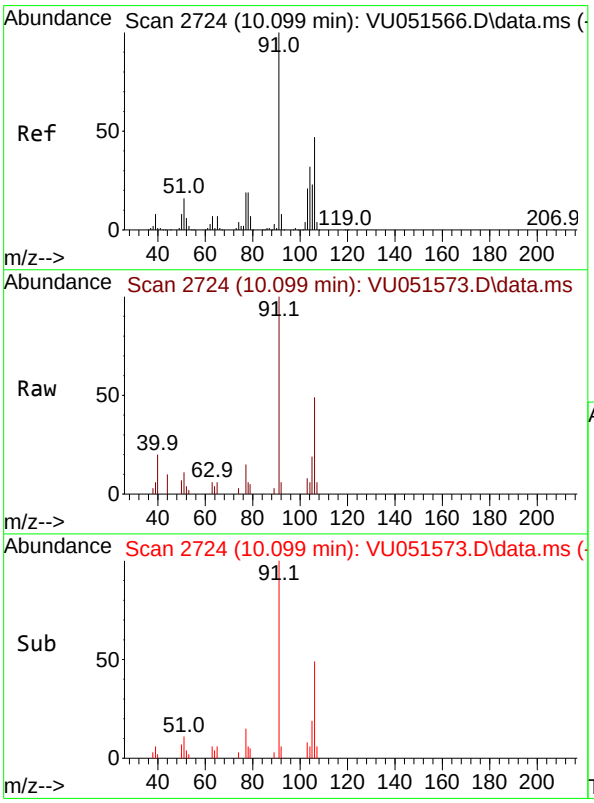
#53
m,p-Xylene
Concen: 0.359 ug/L
RT: 9.690 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :
BHA88

Tgt Ion:106 Resp: 12703

Ion	Ratio	Lower	Upper
106	100		
91	192.2	139.4	259.0

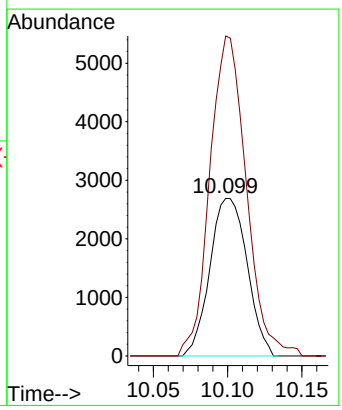


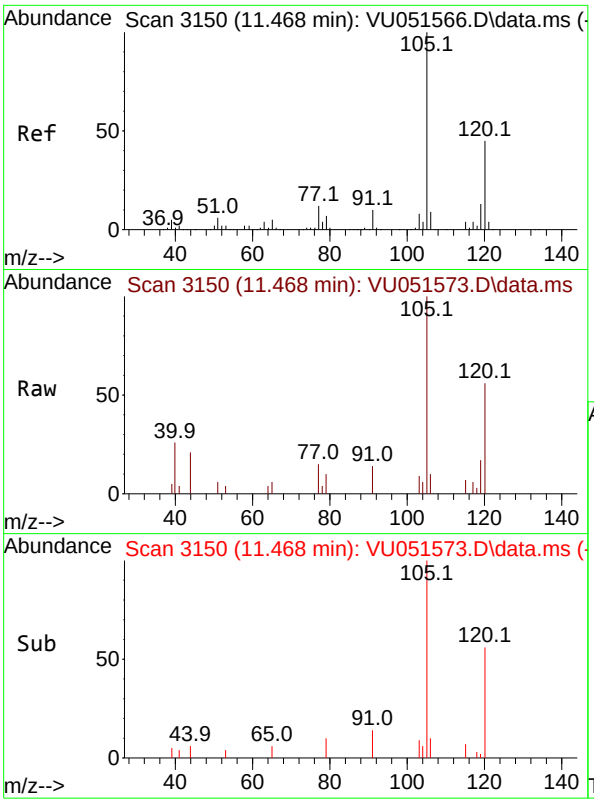


#54
o-Xylene
Concen: 0.136 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

Tgt Ion:106 Resp: 4689

Ion	Ratio	Lower	Upper
106	100		
91	203.0	149.2	277.2





#63
1,2,4-Trimethylbenzene
Concen: 0.101 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU051573.D
Acq: 28 Oct 2022 17:29

Instrument :
MSVOA_U
ClientSampleId :
BHA88

Tgt Ion:105 Resp: 5371

Ion	Ratio	Lower	Upper
105	100		
120	49.9	35.8	53.6