Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032454.D
Acq On : 17 Oct 2023 18:42
Operator : SY/MD
Sample : 04903-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF6

Quant Time: Oct 18 06:07:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 18 06:02:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	139967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	149322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	76120	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35980	3.161	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.200%			
7) Chloroethane-d5	1.532	69	32500	3.517	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.400%			
11) 1,1-Dichloroethene-d2	2.060	65	15861	3.304	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.000%			
20) 2-Butanone-d5	3.806	46	133380	46.319	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.640%			
24) Chloroform-d	4.252	84	79698	3.969	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.400%			
26) 1,2-Dichloroethane-d4	4.947	65	40233	4.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	4.963	84	143629	3.269	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 65.400%#			
36) 1,2-Dichloropropane-d6	5.992	67	48378	3.323	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 66.400%			
41) Toluene-d8	7.249	98	132998	3.310	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.200%#			
43) trans-1,3-Dichloroprop...	7.561	79	18197	3.528	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.600%			
46) 2-Hexanone-d5	8.030	63	114381	47.126	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.260%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	44404	4.361	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.200%			
66) 1,2-Dichlorobenzene-d4	11.564	152	56658	4.011	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.200%			
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.709	73	14918	0.534	ug/L #	73
42) Toluene	7.320	91	77414	1.381	ug/L	99
52) Ethylbenzene	8.950	91	57158	0.916	ug/L	100
53) m,p-Xylene	9.075	106	66274	2.863	ug/L	98
54) o-Xylene	9.481	106	22574	1.012	ug/L	98
60) Isopropylbenzene	9.873	105	4829	0.082	ug/L #	95
62) 1,3,5-Trimethylbenzene	10.480	105	17305	0.359	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	71560	1.491	ug/L	100

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

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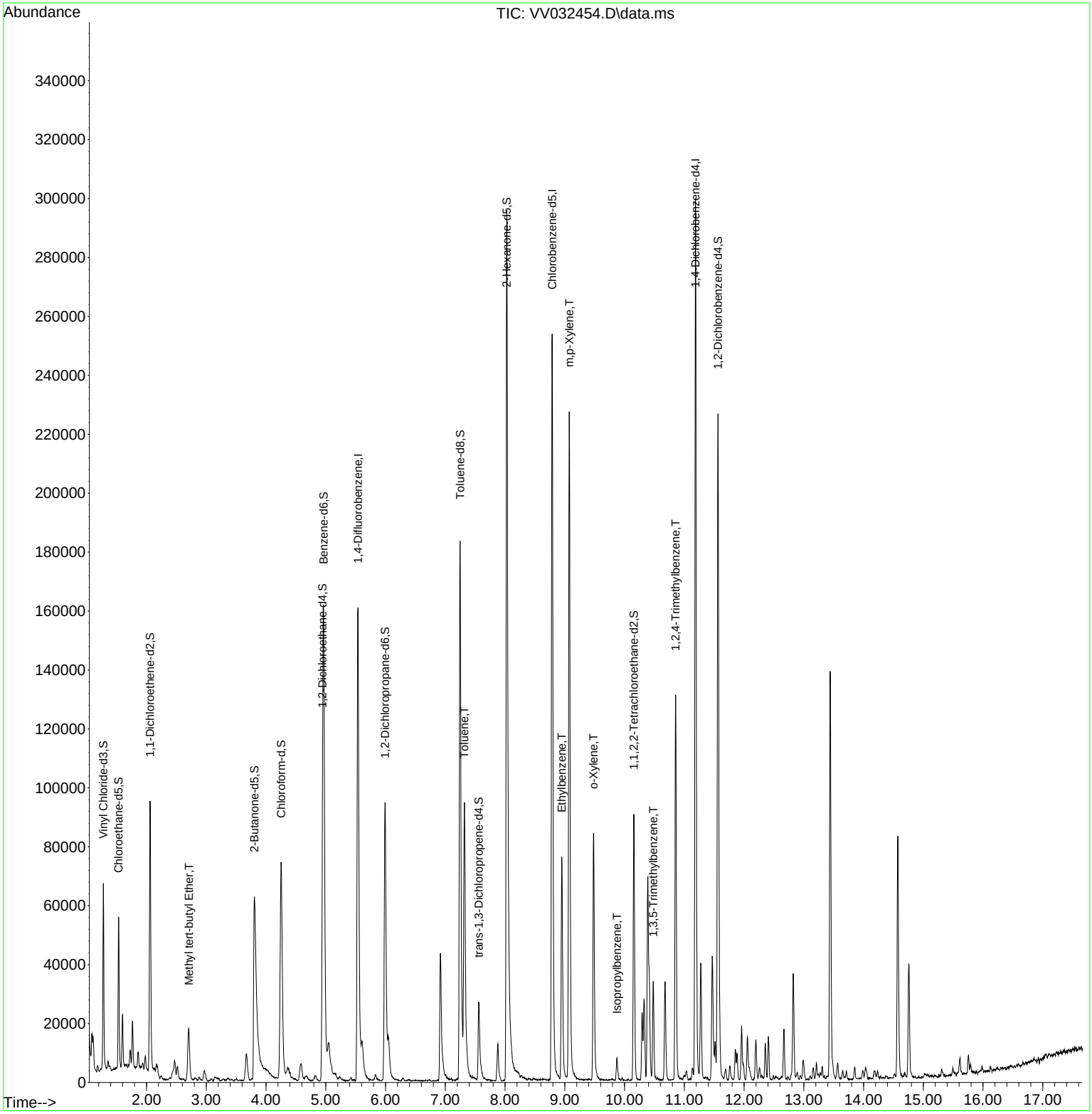
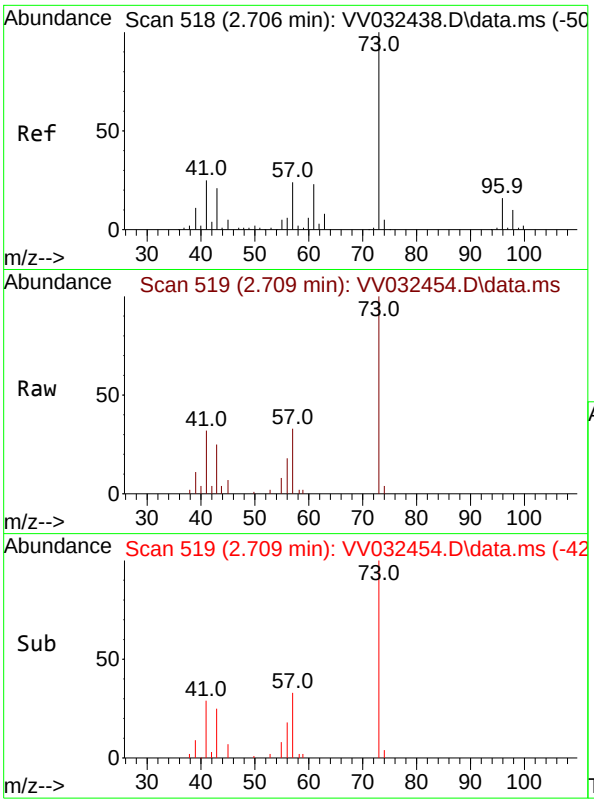


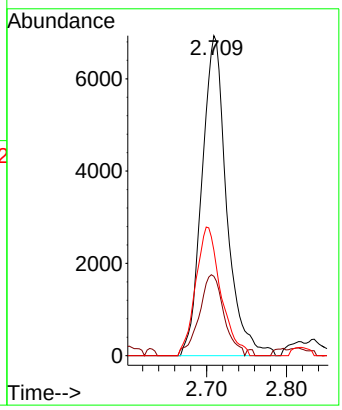


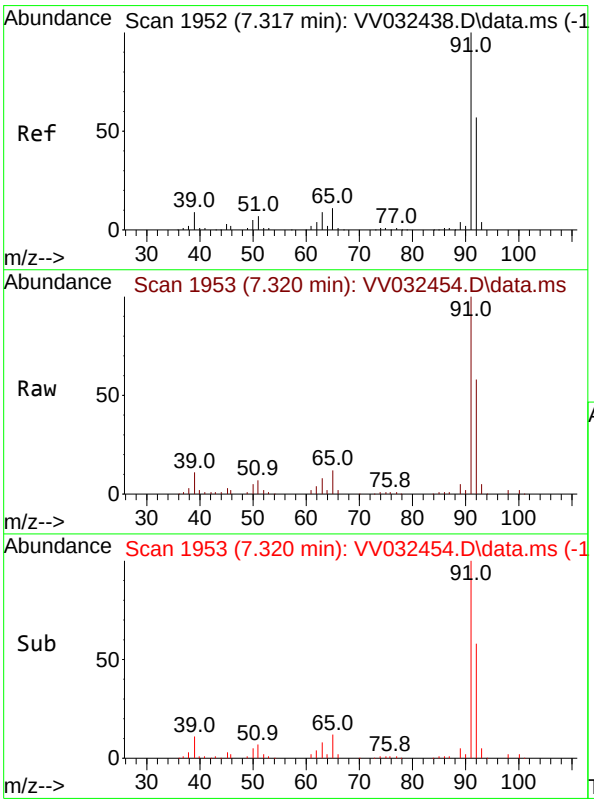
#17
Methyl tert-butyl Ether
Concen: 0.534 ug/L
RT: 2.709 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

Instrument :
MSVOA_V
ClientSampleId :
C0AF6

Tgt Ion: 73 Resp: 14918

Ion	Ratio	Lower	Upper
73	100		
43	25.3	15.1	22.7#
57	40.8	18.3	27.5#

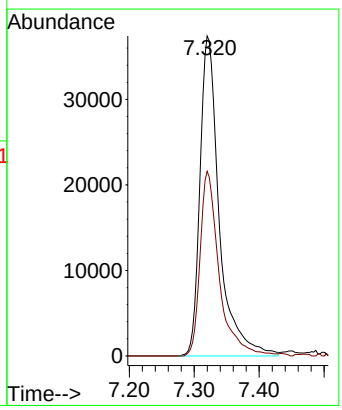


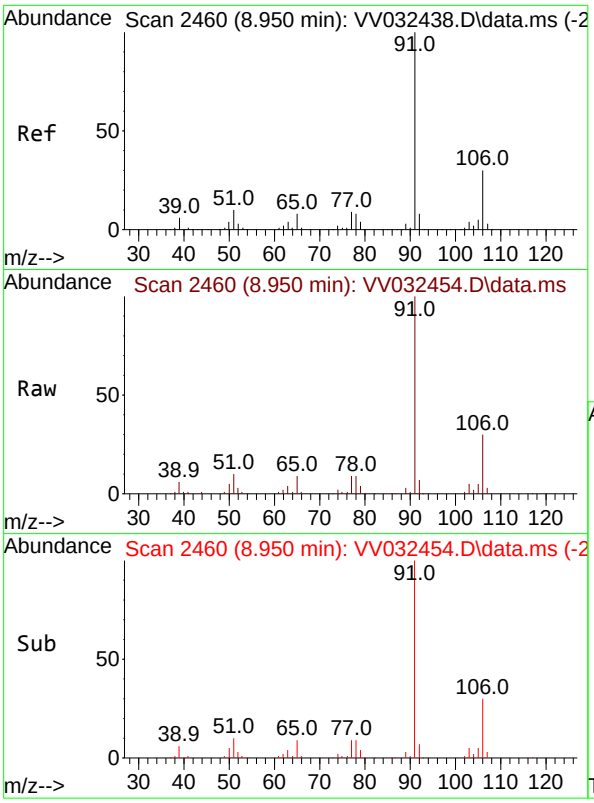


#42
Toluene
Concen: 1.381 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

Tgt Ion: 91 Resp: 77414

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.8	75.8



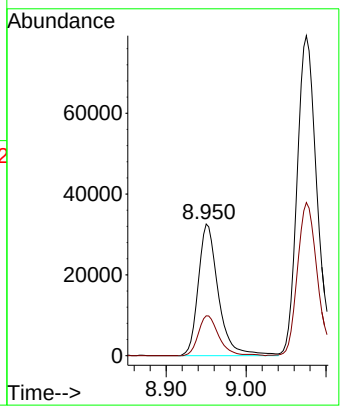


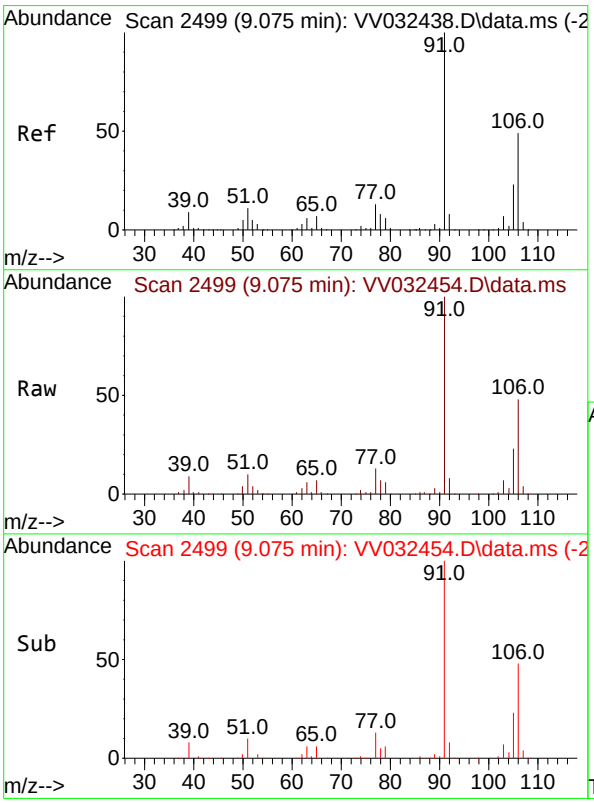
#52
Ethylbenzene
Concen: 0.916 ug/L
RT: 8.950 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

Instrument :
MSVOA_V
ClientSampleId :
C0AF6

Tgt Ion: 91 Resp: 57158

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.3	39.5

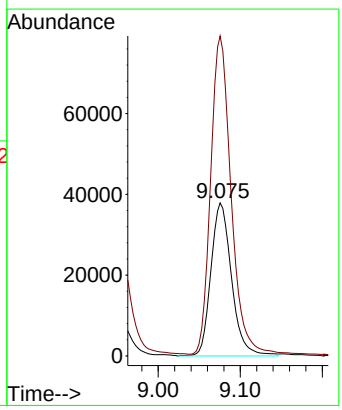


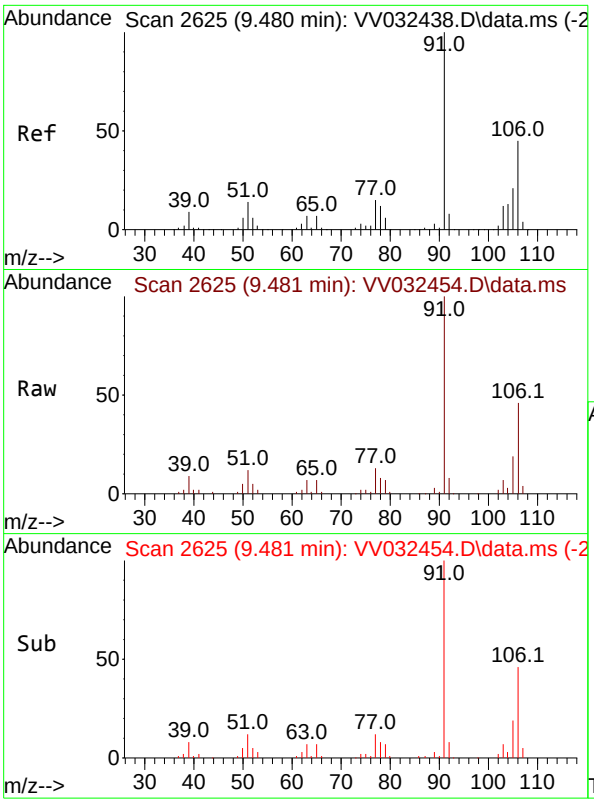


#53
m,p-Xylene
Concen: 2.863 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

Tgt Ion:106 Resp: 66274

Ion	Ratio	Lower	Upper
106	100		
91	209.1	144.5	268.3



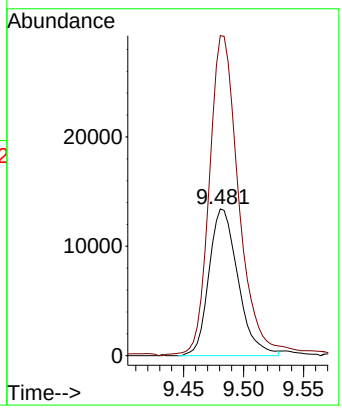


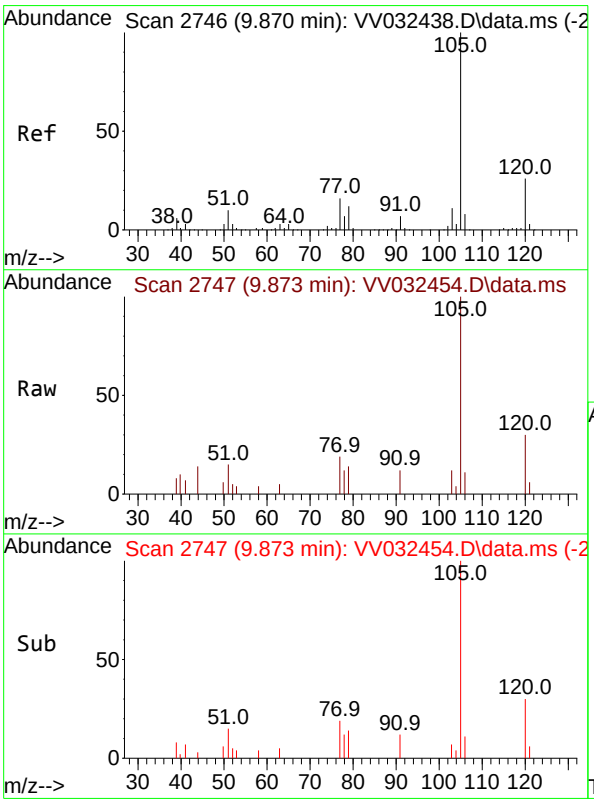
#54
o-Xylene
Concen: 1.012 ug/L
RT: 9.481 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

Instrument :
MSVOA_V
ClientSampleId :
C0AF6

Tgt Ion:106 Resp: 22574

Ion	Ratio	Lower	Upper
106	100		
91	218.1	154.8	287.4

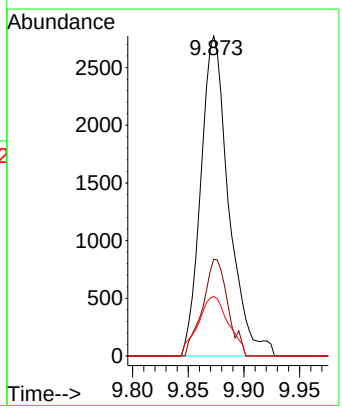


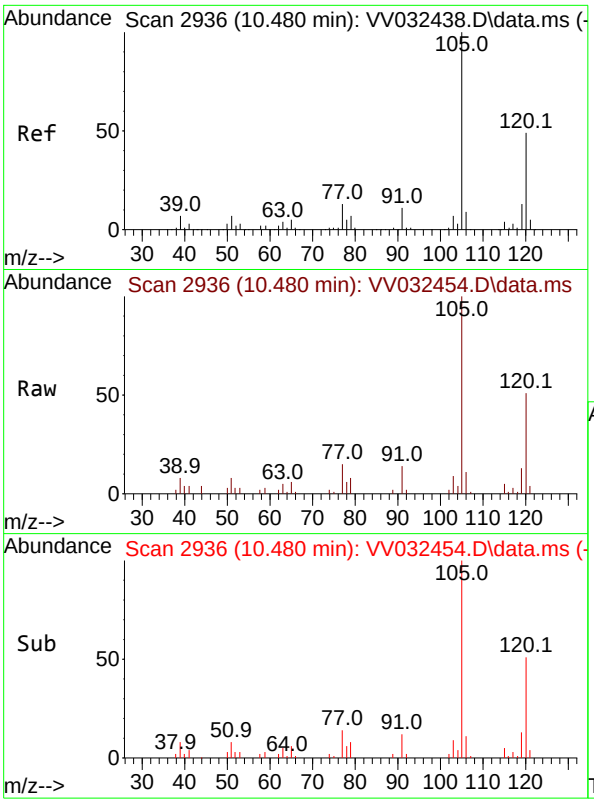


#60
Isopropylbenzene
Concen: 0.082 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.003 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

Tgt Ion:105 Resp: 4829

Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.0	31.6
77	20.2	12.6	19.0#



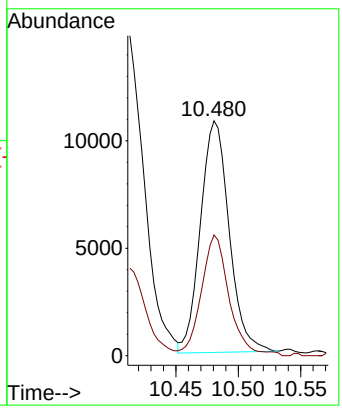


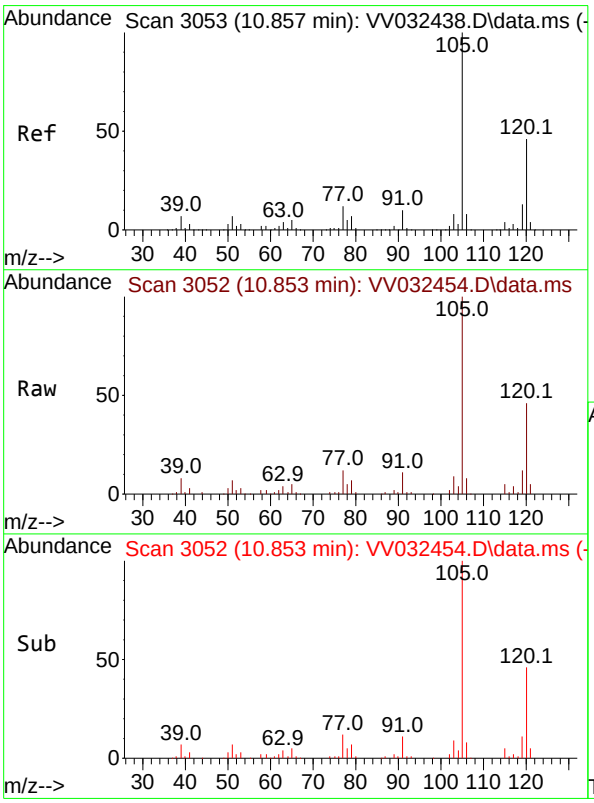
#62
1,3,5-Trimethylbenzene
Concen: 0.359 ug/L
RT: 10.480 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

Instrument :
MSVOA_V
ClientSampleId :
C0AF6

Tgt Ion:105 Resp: 17305

Ion	Ratio	Lower	Upper
105	100		
120	50.4	39.9	59.9





#63
1,2,4-Trimethylbenzene
Concen: 1.491 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

Tgt Ion:105 Resp: 71560

Ion	Ratio	Lower	Upper
105	100		
120	45.3	36.2	54.4