Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2879-14 20X
Misc : 5.40g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 21 06:49:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 21 06:47:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	223329	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	229943	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36898	27.594	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	55.180%#		
7) Chloroethane-d5	1.901	69	37649	32.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	65.740%#		
11) 1,1-Dichloroethene-d2	2.557	63	50728	19.220	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	38.440%#		
21) 2-Butanone-d5	4.615	46	87924	69.761	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	69.760%		
24) Chloroform-d	5.055	84	90252	33.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.800%#		
26) 1,2-Dichloroethane-d4	5.695	65	57942	35.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.020%		
32) Benzene-d6	5.721	84	167638	31.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	63.520%#		
36) 1,2-Dichloropropane-d6	6.685	67	58103	31.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	63.860%#		
41) Toluene-d8	7.894	98	140624	31.388	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	62.780%#		
43) trans-1,3-Dichloroprop...	8.177	79	22627	30.762	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.520%		
47) 2-Hexanone-d5	8.627	63	54220	64.434	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	64.430%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	100680	32.692	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	65.380%		
66) 1,2-Dichlorobenzene-d4	12.187	152	71265	36.954	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.900%#		
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.682	63	6231	2.643	ug/L #	90
42) Toluene	7.965	91	91899	11.026	ug/L	100
52) Ethylbenzene	9.566	91	654588	76.183	ug/L	97
53) m,p-Xylene	9.688	106	186565	59.079	ug/L	96
54) o-Xylene	10.097	106	94585	30.906	ug/L	95
61) Isopropylbenzene	10.479	105	69117	7.602	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	127148	19.303	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	404383	56.632	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.019	75	1026	1.126	ug/L #	8

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

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MSVOA_U
ClientSampleId :

Quant Time: Jun 21 06:49:00 2024
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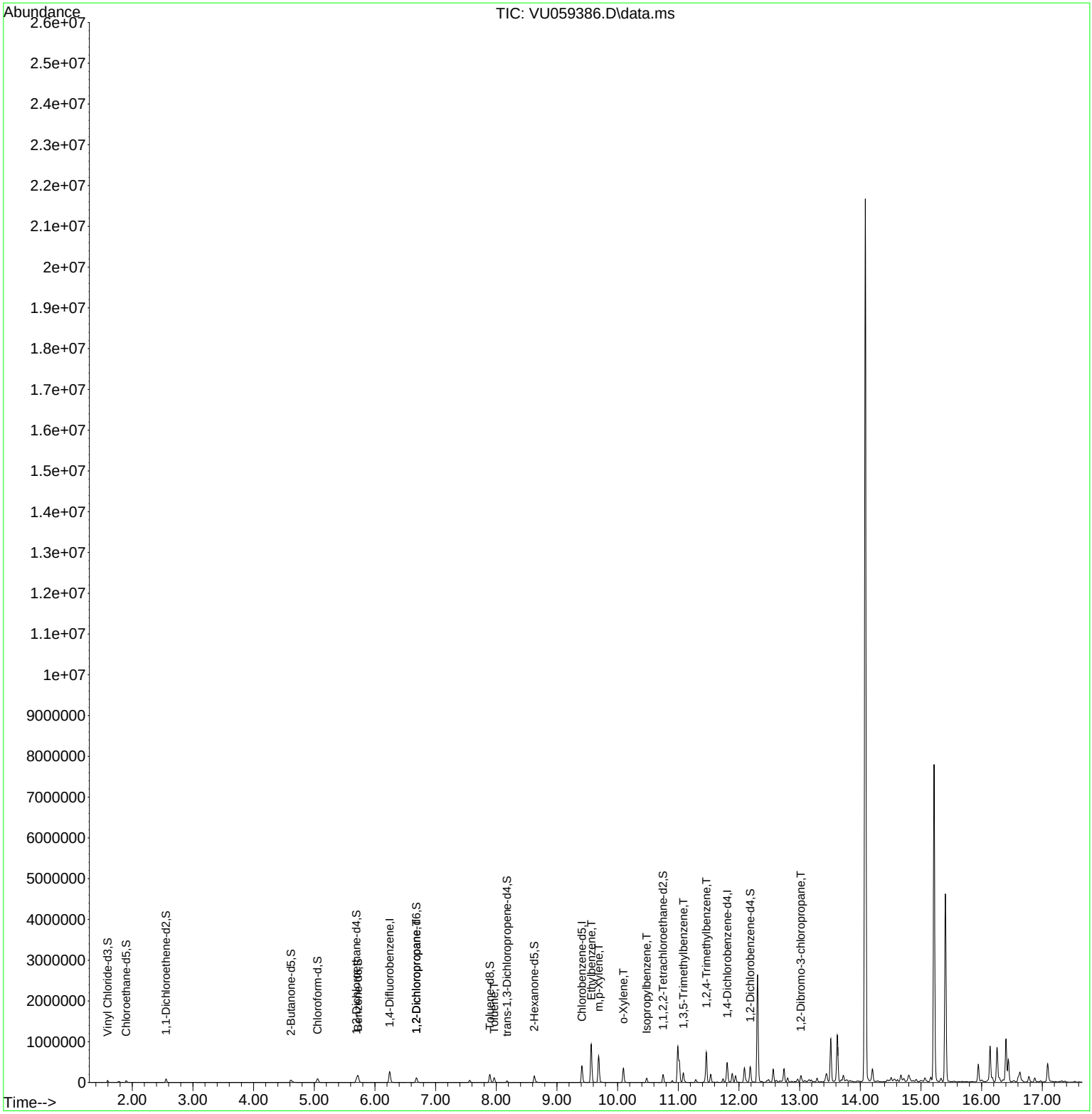
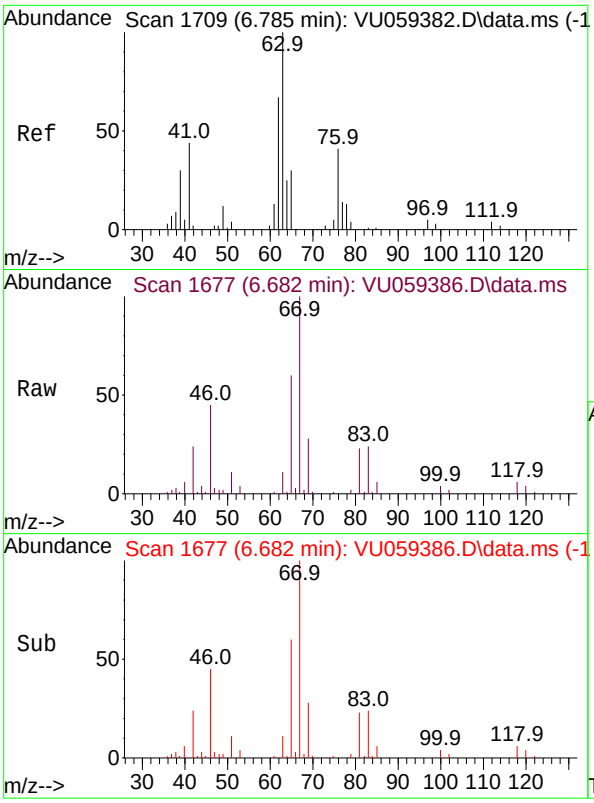
Quant Title : VOC Analysis
QLast Update : Fri Jun 21 06:47:42 2024
Response via : Initial Calibration



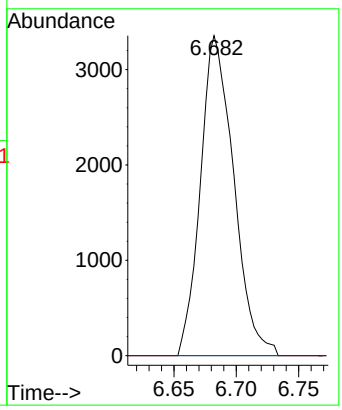


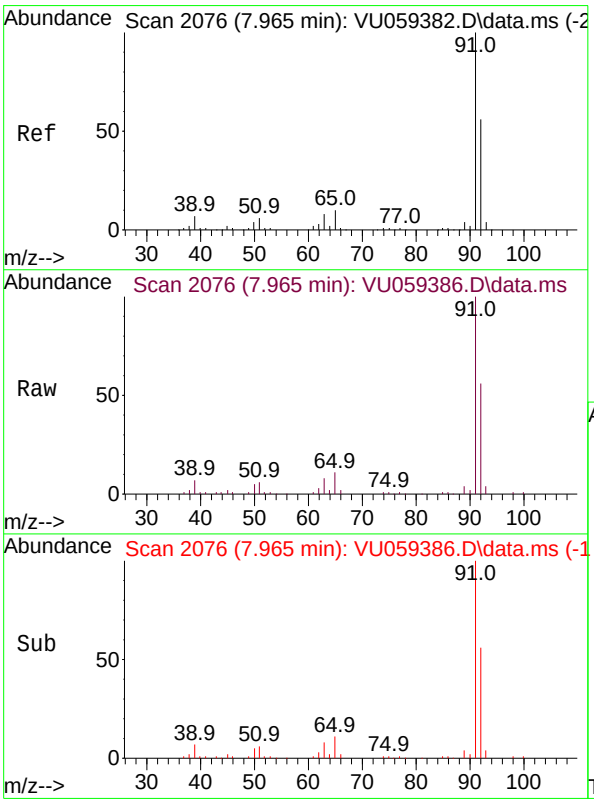
#37
1,2-Dichloropropane
Concen: 2.643 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6231

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#

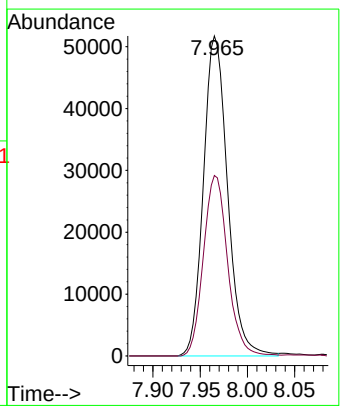


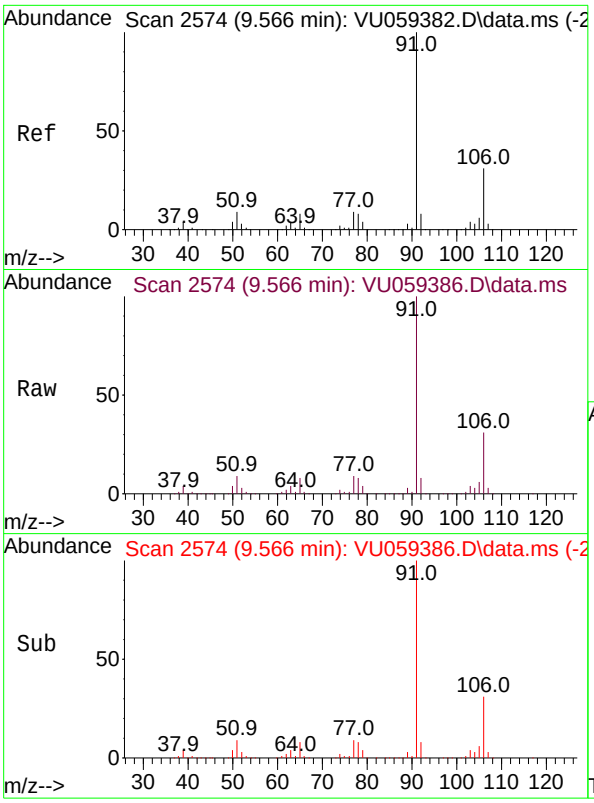


#42
Toluene
Concen: 11.026 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Tgt Ion: 91 Resp: 91899

Ion	Ratio	Lower	Upper
91	100		
92	56.4	39.4	73.2



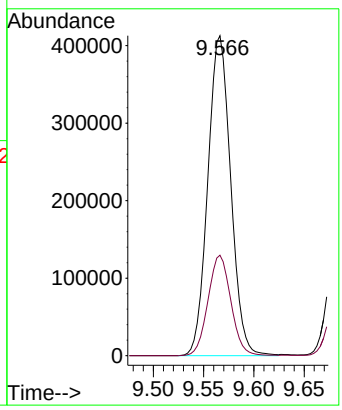


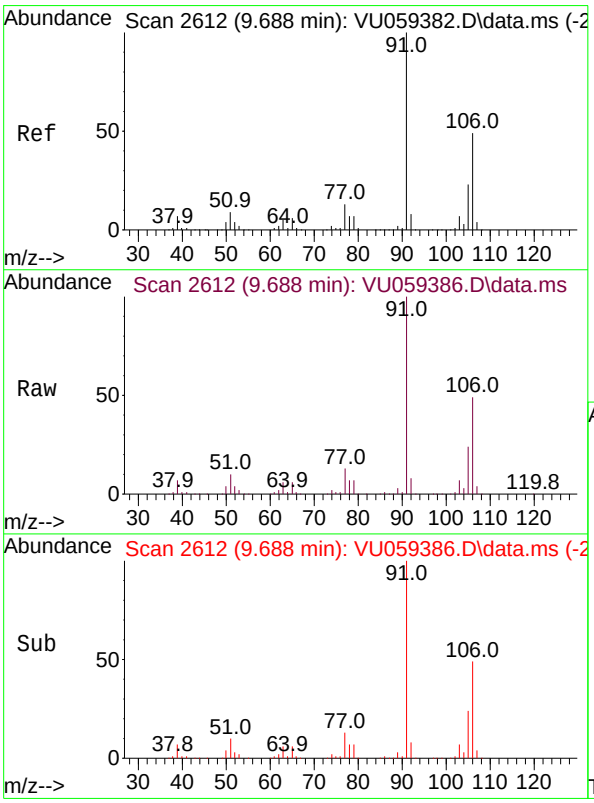
#52
Ethylbenzene
Concen: 76.183 ug/L
RT: 9.566 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 654588

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.0	39.0

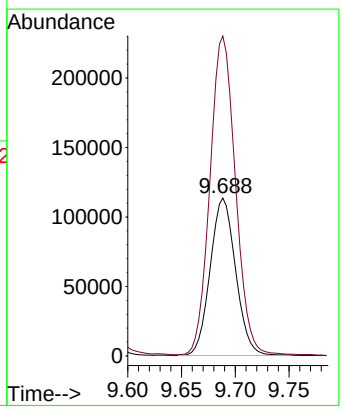


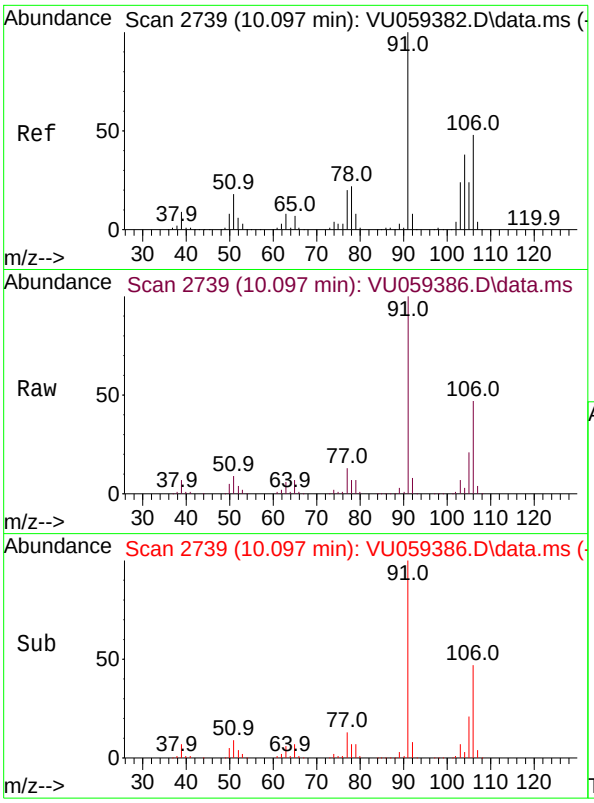


#53
m,p-Xylene
Concen: 59.079 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Tgt Ion:106 Resp: 186565

Ion	Ratio	Lower	Upper
106	100		
91	202.7	146.4	272.0



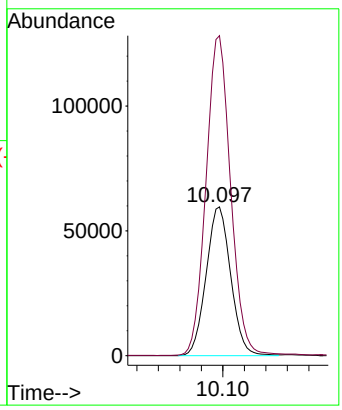


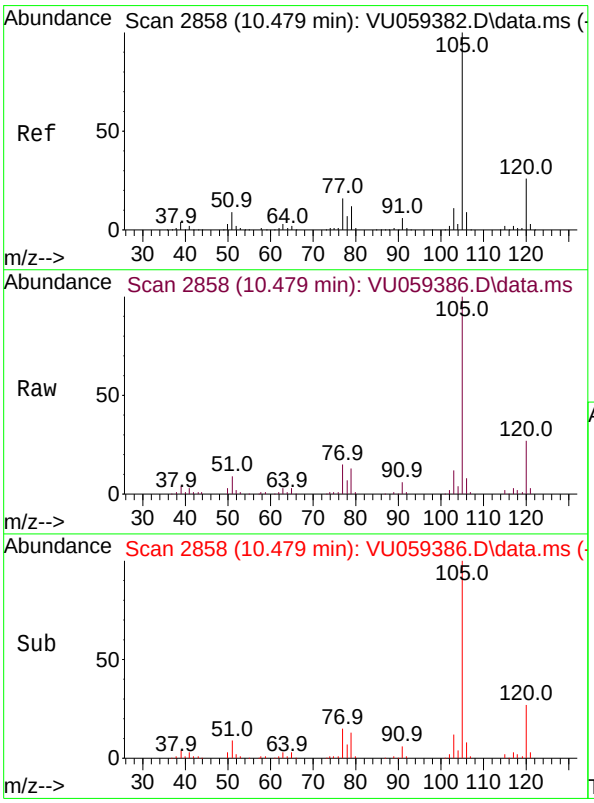
#54
o-Xylene
Concen: 30.906 ug/L
RT: 10.097 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 94585

Ion	Ratio	Lower	Upper
106	100		
91	215.0	156.7	290.9

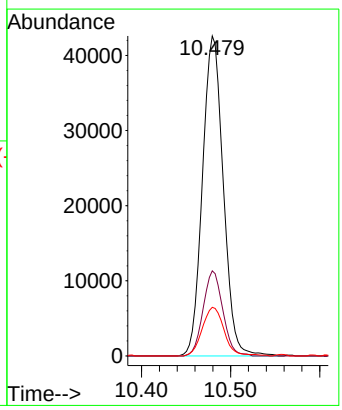


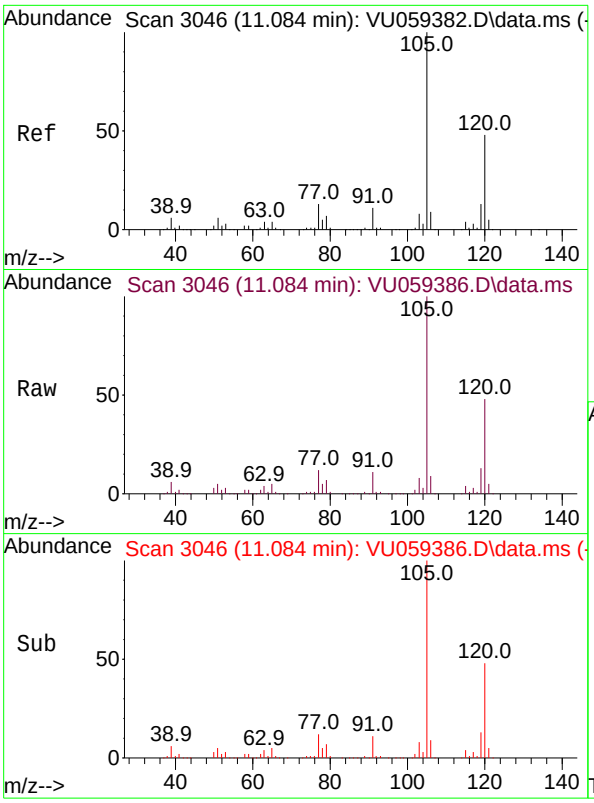


#61
Isopropylbenzene
Concen: 7.602 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Tgt Ion:105 Resp: 69117

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.3	30.5
77	15.8	13.4	20.0



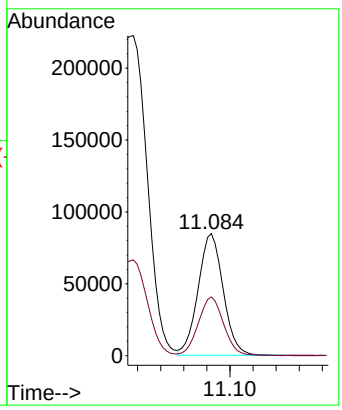


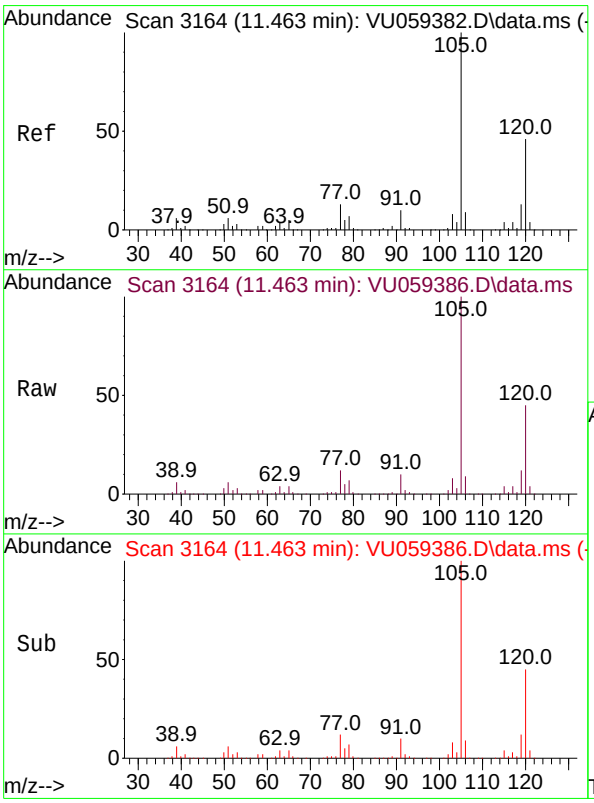
#62
1,3,5-Trimethylbenzene
Concen: 19.303 ug/L
RT: 11.084 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 127148

Ion	Ratio	Lower	Upper
105	100		
120	49.1	37.8	56.8

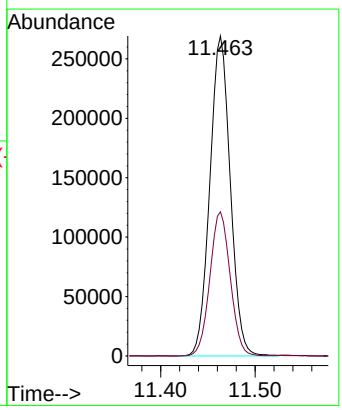


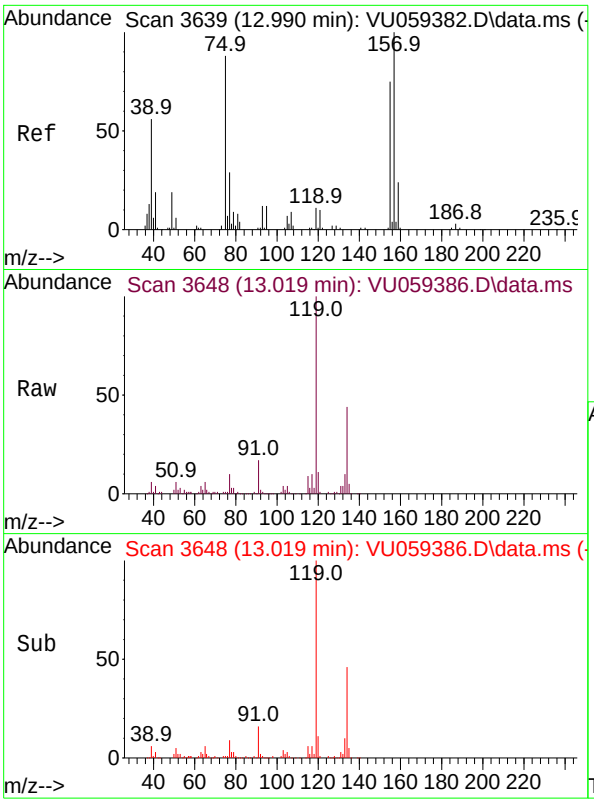


#63
1,2,4-Trimethylbenzene
Concen: 56.632 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Tgt Ion:105 Resp: 404383

Ion	Ratio	Lower	Upper
105	100		
120	44.9	35.0	52.6





#68
1,2-Dibromo-3-chloropropane
Concen: 1.126 ug/L
RT: 13.019 min Scan# 3
Delta R.T. 0.029 min
Lab File: VU059386.D
Acq: 20 Jun 2024 17:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1026

Ion	Ratio	Lower	Upper
75	100		
155	0.0	57.5	86.3#
157	0.0	73.4	110.2#