Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
Data File : VU059332.D
Acq On : 18 Jun 2024 23:25
Operator : MD/SY
Sample : P2873-03 200X
Misc : 2.64g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SG7

Quant Time: Jun 19 05:40:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 05:32:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	142821	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144624	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71199	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37414	43.752	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.500%			
7) Chloroethane-d5	1.908	69	36896	50.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.740%			
11) 1,1-Dichloroethene-d2	2.560	63	49407	29.271	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.540%#			
21) 2-Butanone-d5	4.615	46	75015	93.069	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.070%			
24) Chloroform-d	5.055	84	81642	47.959	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.920%			
26) 1,2-Dichloroethane-d4	5.695	65	53103	50.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.800%			
32) Benzene-d6	5.721	84	158067	47.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.240%			
36) 1,2-Dichloropropane-d6	6.685	67	53300	46.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.140%			
41) Toluene-d8	7.894	98	126937	45.048	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.100%			
43) trans-1,3-Dichloroprop...	8.177	79	19535	42.226	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.460%			
47) 2-Hexanone-d5	8.628	63	41906	79.180	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.180%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	84376	43.561	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.120%			
66) 1,2-Dichlorobenzene-d4	12.190	152	53857	50.688	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.380%			
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	14925	10.930	ug/L	90
42) Toluene	7.968	91	22009	4.199	ug/L	99
46) Tetrachloroethene	8.547	164	168547	197.886	ug/L	91
52) Ethylbenzene	9.566	91	53317	9.866	ug/L	98
53) m,p-Xylene	9.689	106	23229	11.695	ug/L	96
54) o-Xylene	10.097	106	9377	4.871	ug/L	94
55) Styrene	10.116	104	6998	2.139	ug/L	93
62) 1,3,5-Trimethylbenzene	11.087	105	7267	2.002	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	20636	5.245	ug/L	95

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

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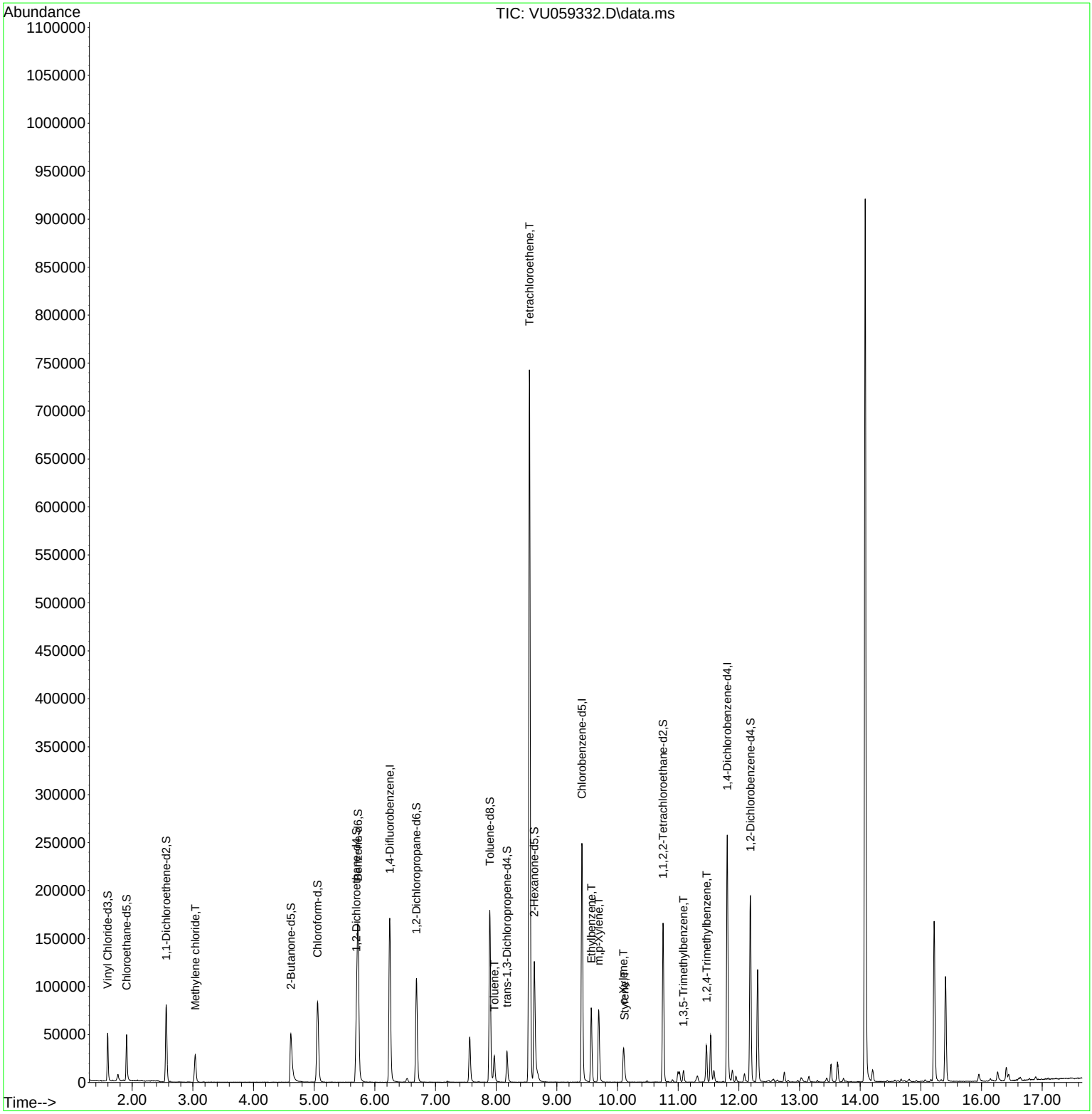
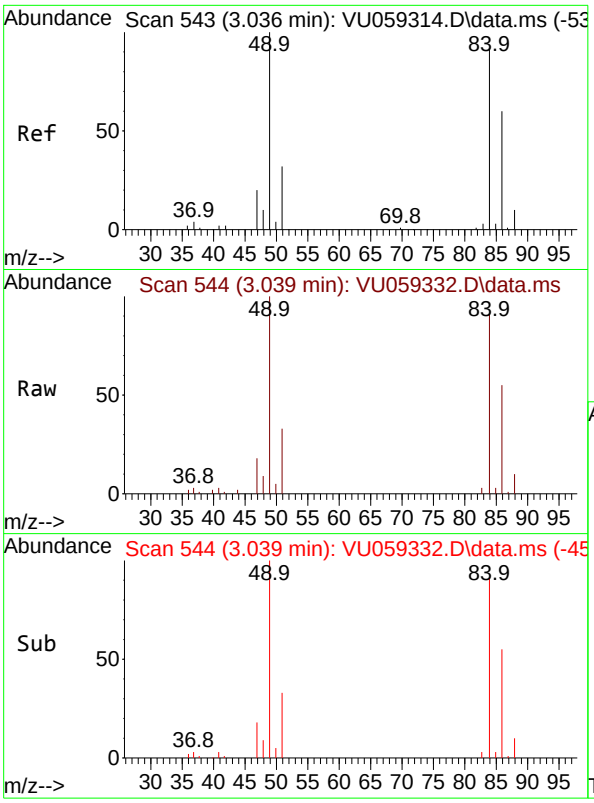
QLast Update : Wed Jun 19 05:32:50 2024
Response via : Initial Calibration



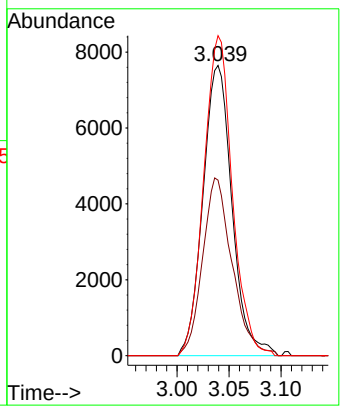


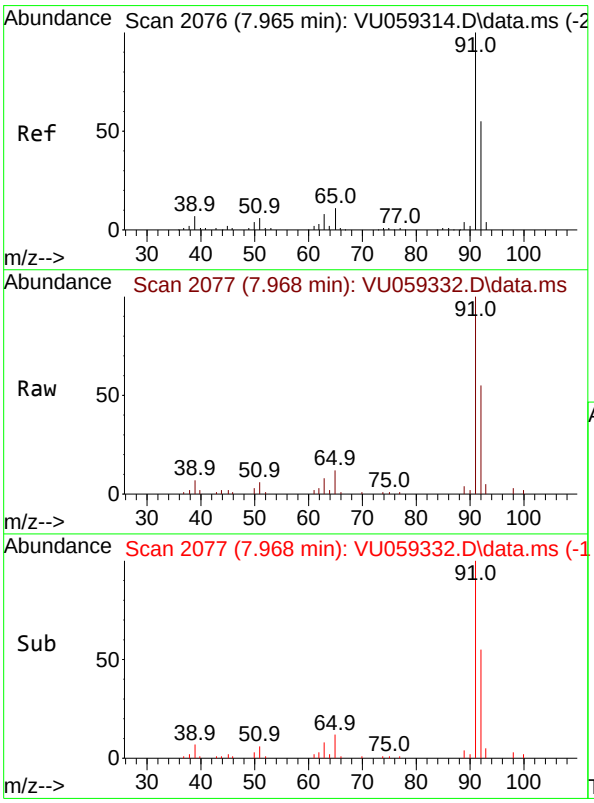
#16
Methylene chloride
Concen: 10.930 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU059332.D
Acq: 18 Jun 2024 23:25

Instrument :
MSVOA_U
ClientSampleId :
C0SG7

Tgt Ion: 84 Resp: 14925

Ion	Ratio	Lower	Upper
84	100		
86	60.5	44.9	83.3
49	110.3	87.5	162.5

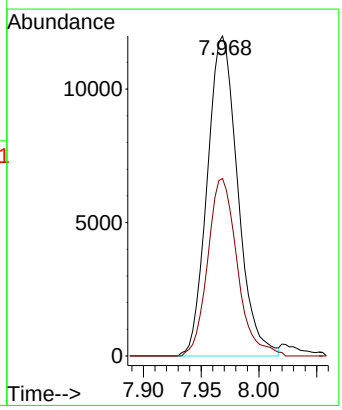


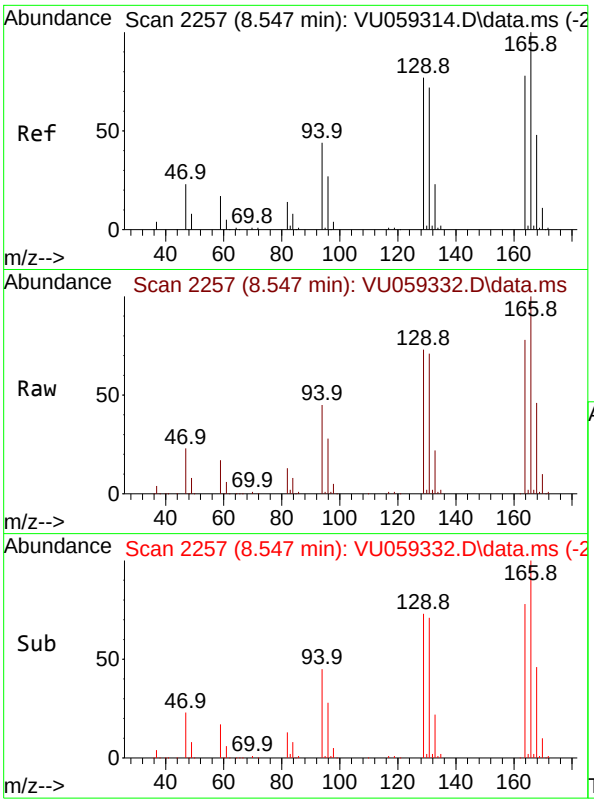


#42
Toluene
Concen: 4.199 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU059332.D
Acq: 18 Jun 2024 23:25

Tgt Ion: 91 Resp: 22009

Ion	Ratio	Lower	Upper
91	100		
92	55.4	39.4	73.2



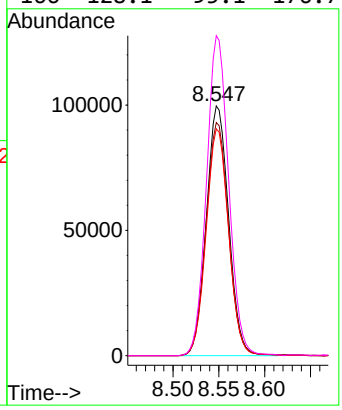


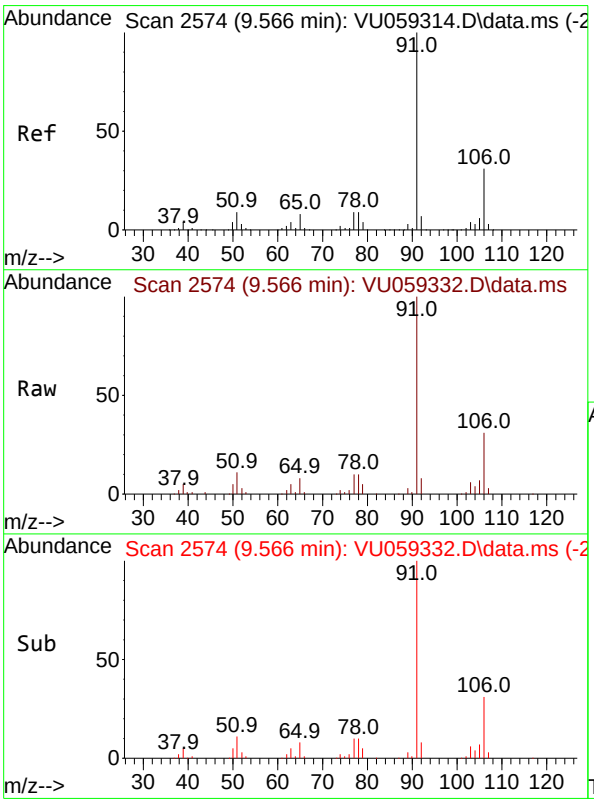
#46
Tetrachloroethene
Concen: 197.886 ug/L
RT: 8.547 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU059332.D
Acq: 18 Jun 2024 23:25

Instrument :
MSVOA_U
ClientSampleId :
C0SG7

Tgt Ion:164 Resp: 168547

Ion	Ratio	Lower	Upper
164	100		
129	93.3	74.5	138.5
131	90.8	70.6	131.0
166	128.1	95.1	176.7

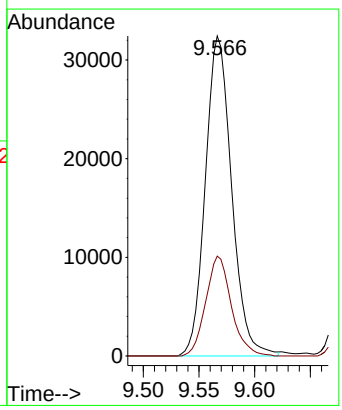


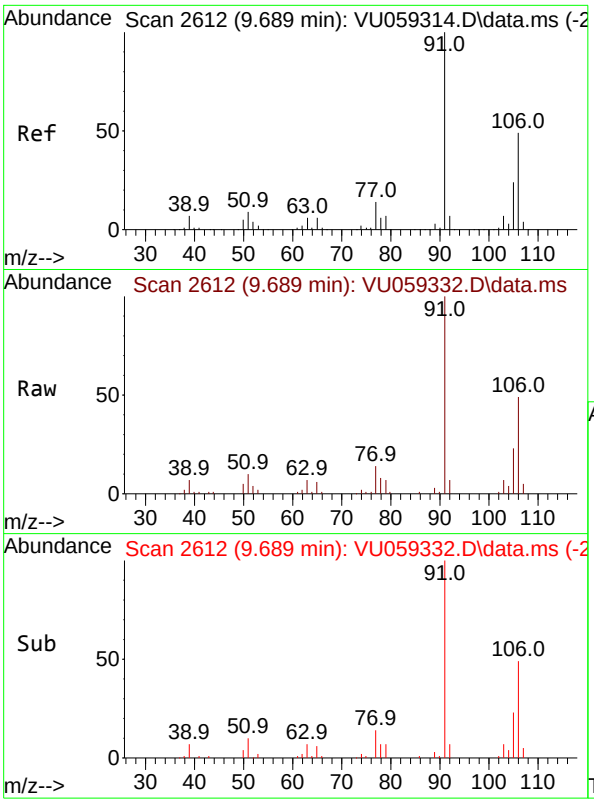


#52
Ethylbenzene
Concen: 9.866 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU059332.D
Acq: 18 Jun 2024 23:25

Tgt Ion: 91 Resp: 53317

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.0	39.0



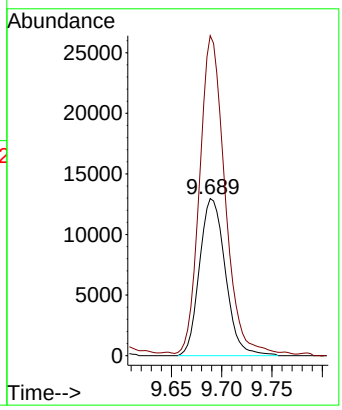


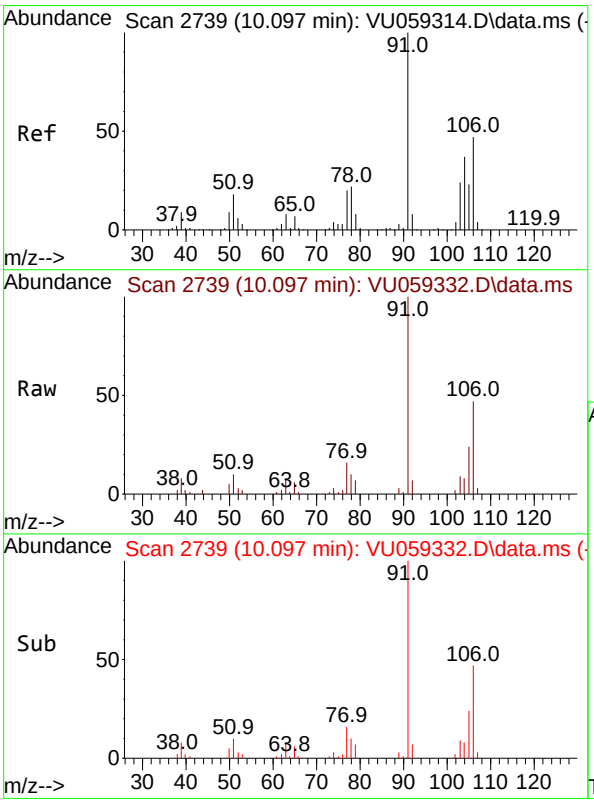
#53
m,p-Xylene
Concen: 11.695 ug/L
RT: 9.689 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU059332.D
Acq: 18 Jun 2024 23:25

Instrument :
MSVOA_U
ClientSampleId :
C0SG7

Tgt Ion:106 Resp: 23229

Ion	Ratio	Lower	Upper
106	100		
91	203.6	146.4	272.0

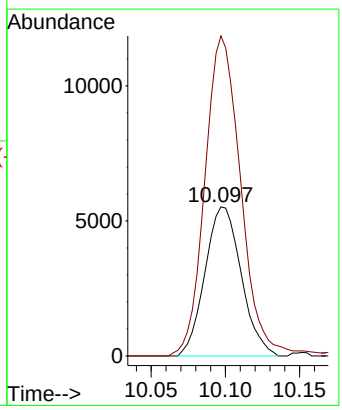


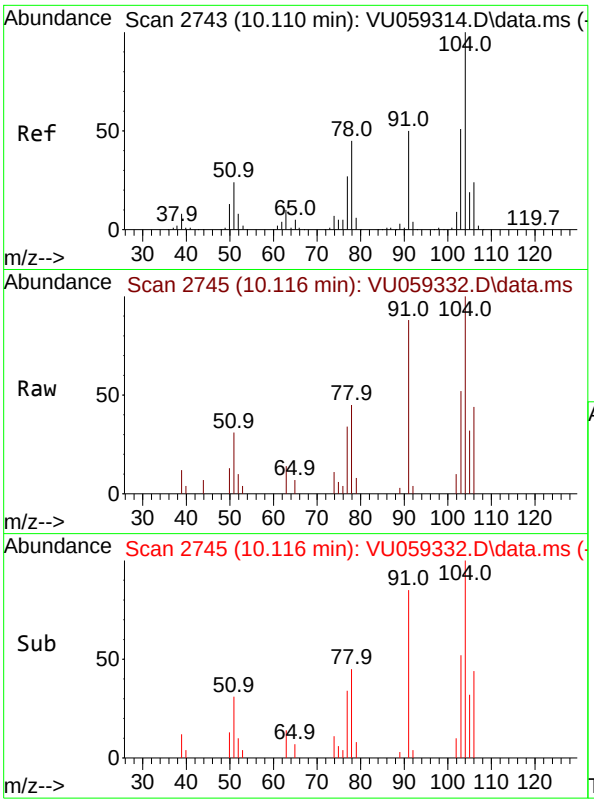


#54
o-Xylene
Concen: 4.871 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU059332.D
Acq: 18 Jun 2024 23:25

Tgt Ion:106 Resp: 9377

Ion	Ratio	Lower	Upper
106	100		
91	214.7	156.7	290.9



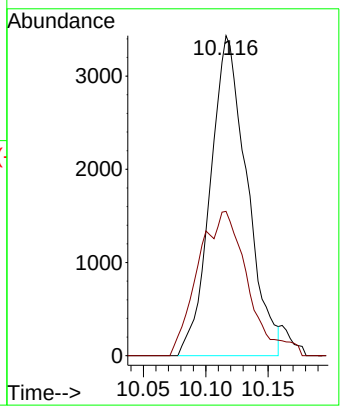


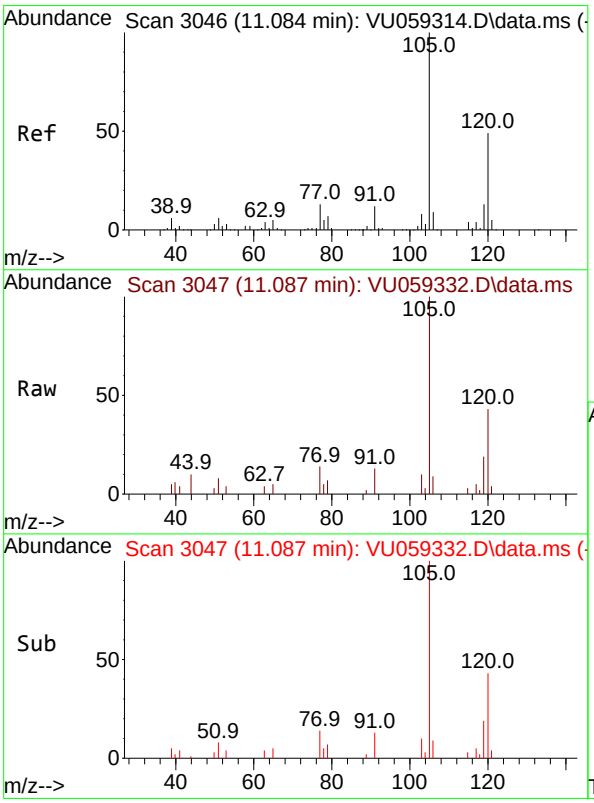
#55
Styrene
Concen: 2.139 ug/L
RT: 10.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU059332.D
Acq: 18 Jun 2024 23:25

Instrument :
MSVOA_U
ClientSampleId :
C0SG7

Tgt Ion:104 Resp: 6998

Ion	Ratio	Lower	Upper
104	100		
78	45.1	34.7	64.5

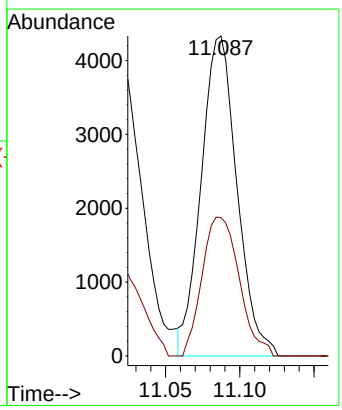


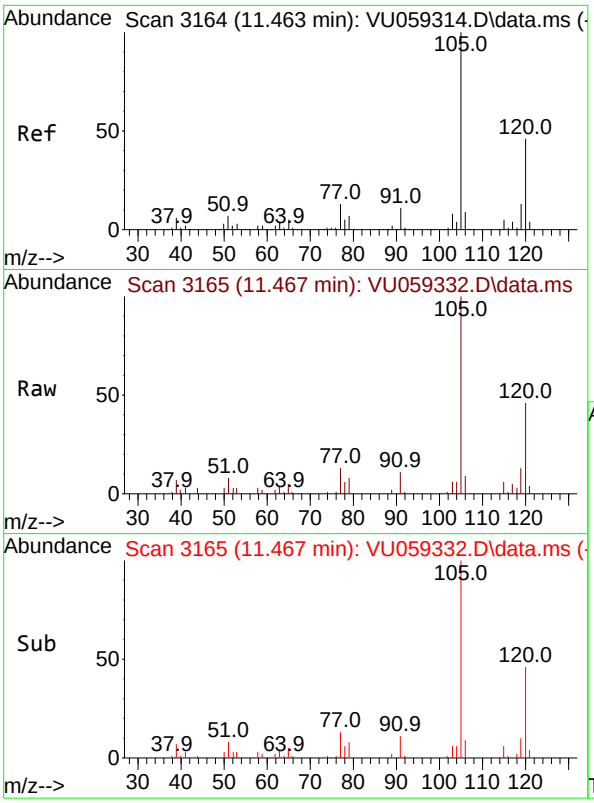


#62
1,3,5-Trimethylbenzene
Concen: 2.002 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU059332.D
Acq: 18 Jun 2024 23:25

Tgt Ion:105 Resp: 7267

Ion	Ratio	Lower	Upper
105	100		
120	45.1	37.8	56.8





#63
1,2,4-Trimethylbenzene
Concen: 5.245 ug/L
RT: 11.467 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU059332.D
Acq: 18 Jun 2024 23:25

Instrument :
MSVOA_U
ClientSampleId :
C0SG7

Tgt Ion:105 Resp: 20636

Ion	Ratio	Lower	Upper
105	100		
120	46.9	35.0	52.6