Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062424\
Data File : VU059451.D
Acq On : 24 Jun 2024 15:39
Operator : MD/SY
Sample : P2962-06 10X
Misc : 4.52g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T78

Quant Time: Jun 25 03:16:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:01:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	211288	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	222139	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123776	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	33337	26.352	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	52.700%#		
7) Chloroethane-d5	1.894	69	34272	31.626	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.260%#		
11) 1,1-Dichloroethene-d2	2.554	63	45746	18.320	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	36.640%#		
21) 2-Butanone-d5	4.611	46	96263	80.730	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.730%		
24) Chloroform-d	5.052	84	92094	36.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.140%		
26) 1,2-Dichloroethane-d4	5.692	65	60552	39.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.460%		
32) Benzene-d6	5.717	84	165391	32.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.880%#		
36) 1,2-Dichloropropane-d6	6.682	67	61075	34.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	69.480%#		
41) Toluene-d8	7.891	98	133742	30.901	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	61.800%#		
43) trans-1,3-Dichloroprop...	8.174	79	22459	31.606	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.220%		
47) 2-Hexanone-d5	8.624	63	59491	73.182	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.180%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	111093	37.340	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	74.680%		
66) 1,2-Dichlorobenzene-d4	12.187	152	74710	40.446	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.900%		
Target Compounds						Qvalue
42) Toluene	7.965	91	81851	10.166	ug/L	98
46) Tetrachloroethene	8.547	164	3895	2.977	ug/L	79
52) Ethylbenzene	9.563	91	554308	66.778	ug/L	98
53) m,p-Xylene	9.685	106	182218	59.730	ug/L	96
54) o-Xylene	10.093	106	77676	26.272	ug/L	95
61) Isopropylbenzene	10.479	105	44430	5.102	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	93631	14.840	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	275650	40.303	ug/L	97

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

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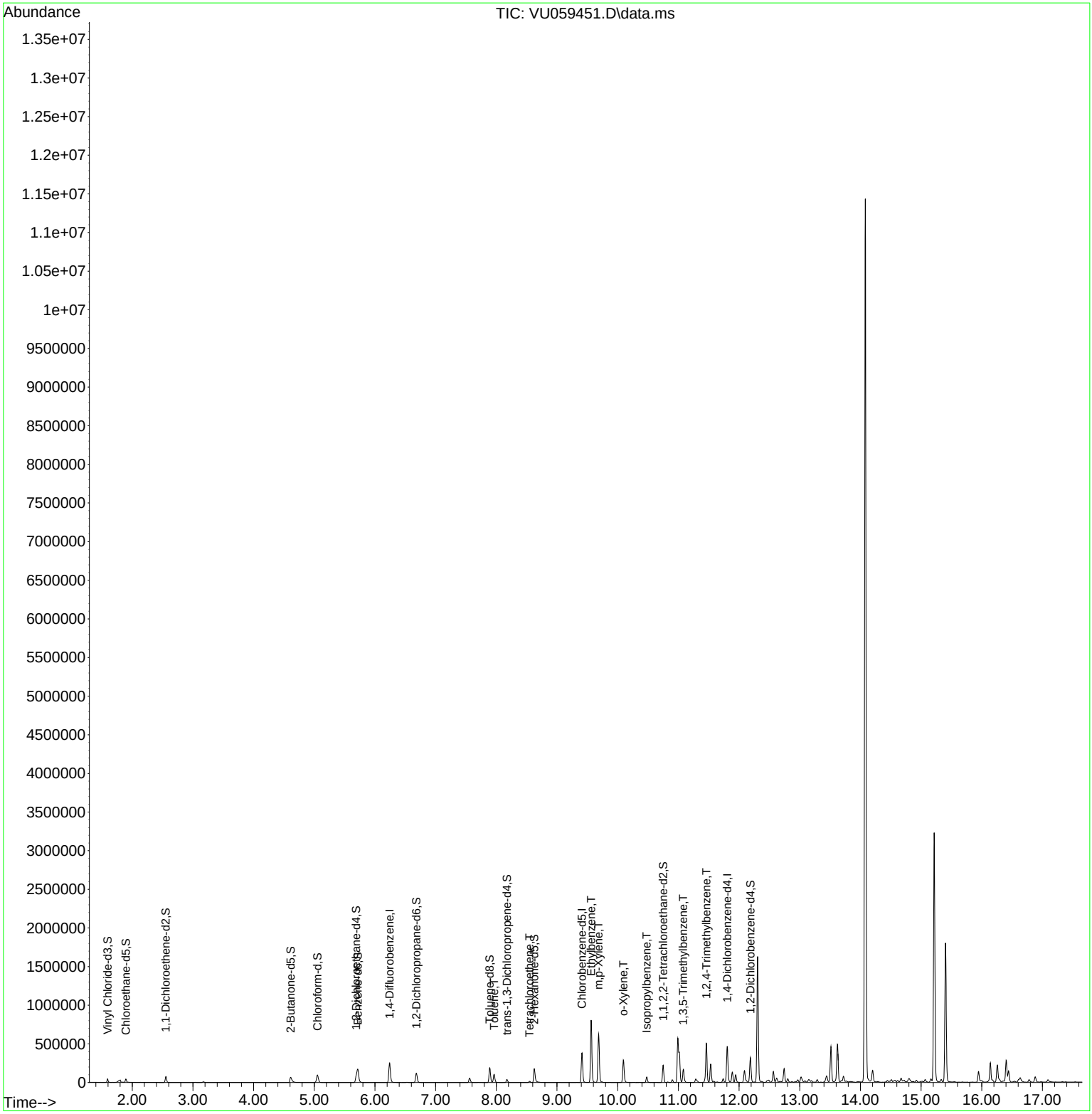
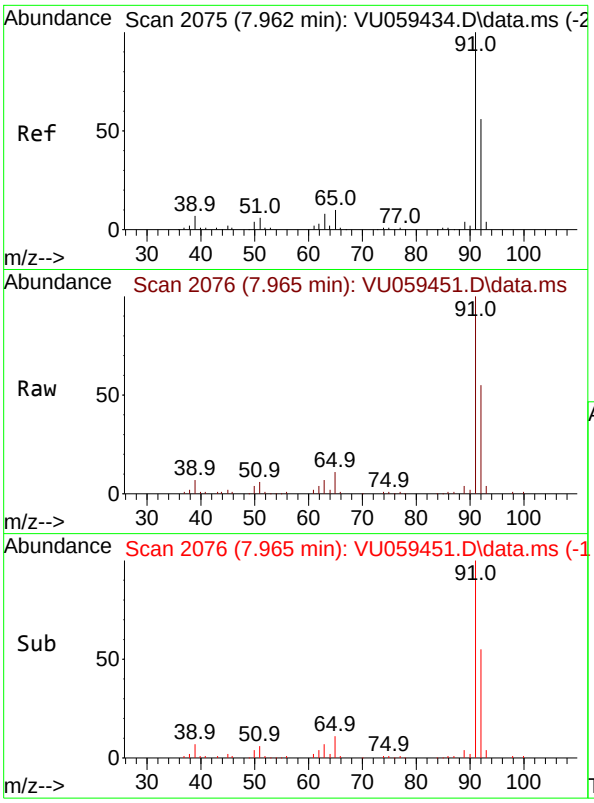


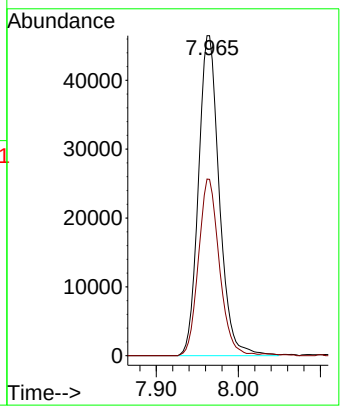


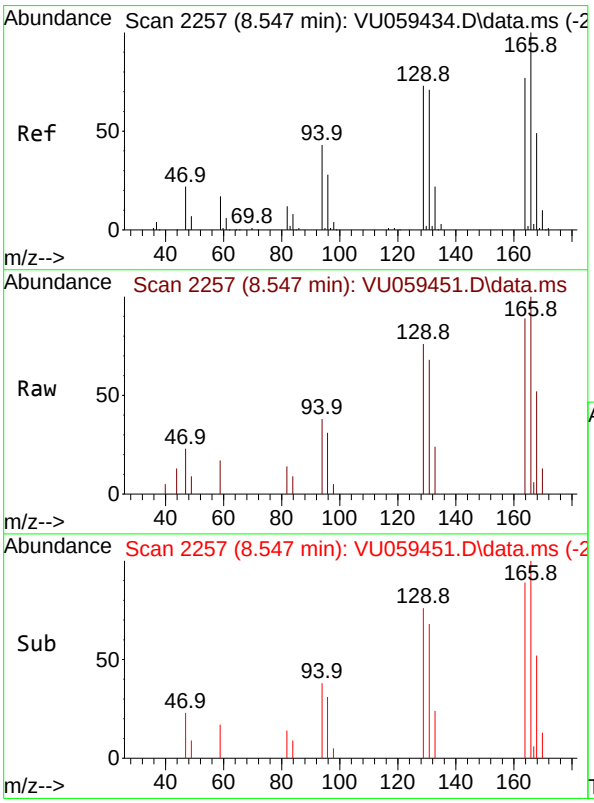
#42
Toluene
Concen: 10.166 ug/L
RT: 7.965 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU059451.D
Acq: 24 Jun 2024 15:39

Instrument :
MSVOA_U
ClientSampleId :
C0T78

Tgt Ion: 91 Resp: 81851

Ion	Ratio	Lower	Upper
91	100		
92	55.1	39.4	73.2

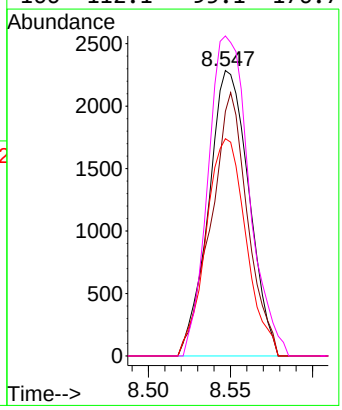


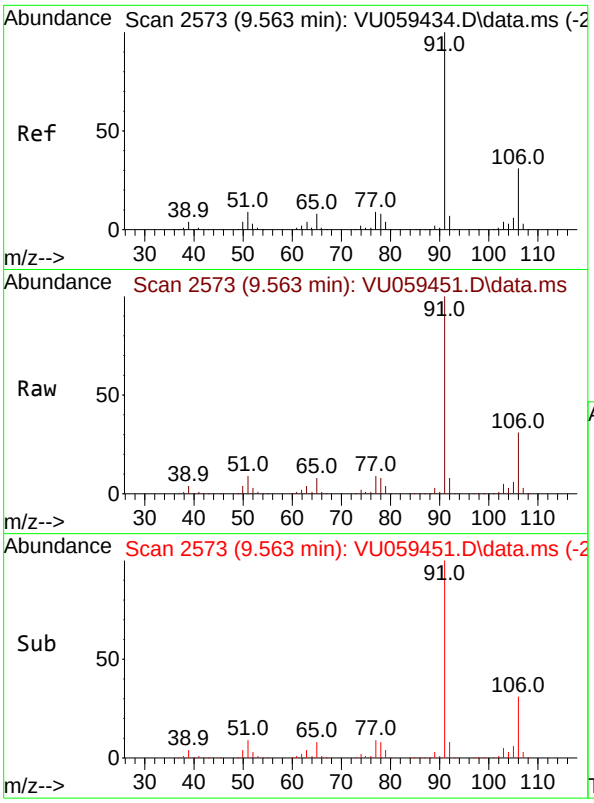


#46
Tetrachloroethene
Concen: 2.977 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059451.D
Acq: 24 Jun 2024 15:39

Tgt Ion:164 Resp: 3895

Ion	Ratio	Lower	Upper
164	100		
129	85.7	74.5	138.5
131	76.1	70.6	131.0
166	112.1	95.1	176.7



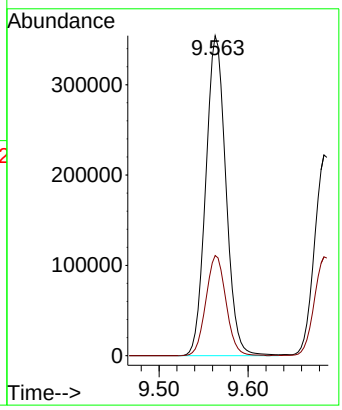


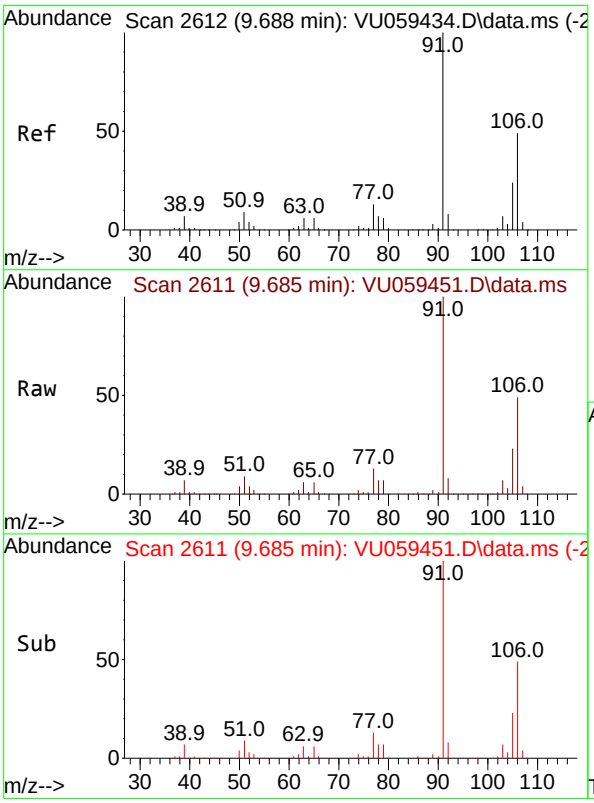
#52
Ethylbenzene
Concen: 66.778 ug/L
RT: 9.563 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU059451.D
Acq: 24 Jun 2024 15:39

Instrument :
MSVOA_U
ClientSampleId :
C0T78

Tgt Ion: 91 Resp: 554308

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.0	39.0

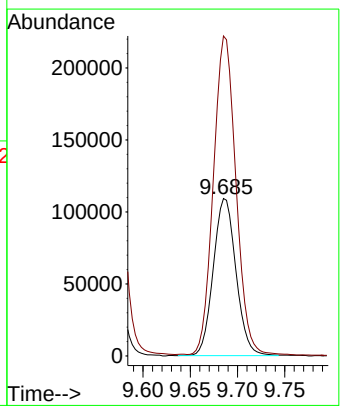


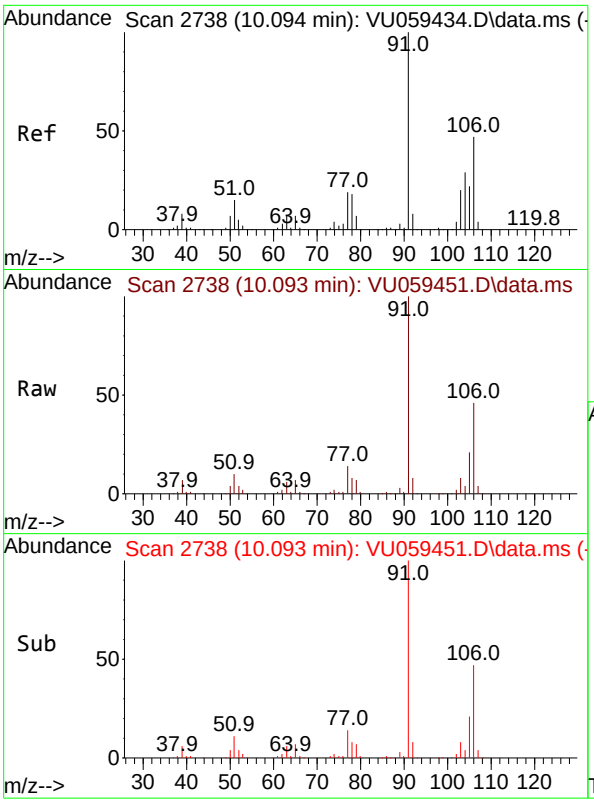


#53
m,p-Xylene
Concen: 59.730 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU059451.D
Acq: 24 Jun 2024 15:39

Tgt Ion:106 Resp: 182218

Ion	Ratio	Lower	Upper
106	100		
91	203.1	146.4	272.0



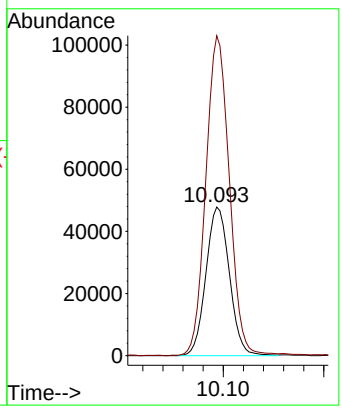


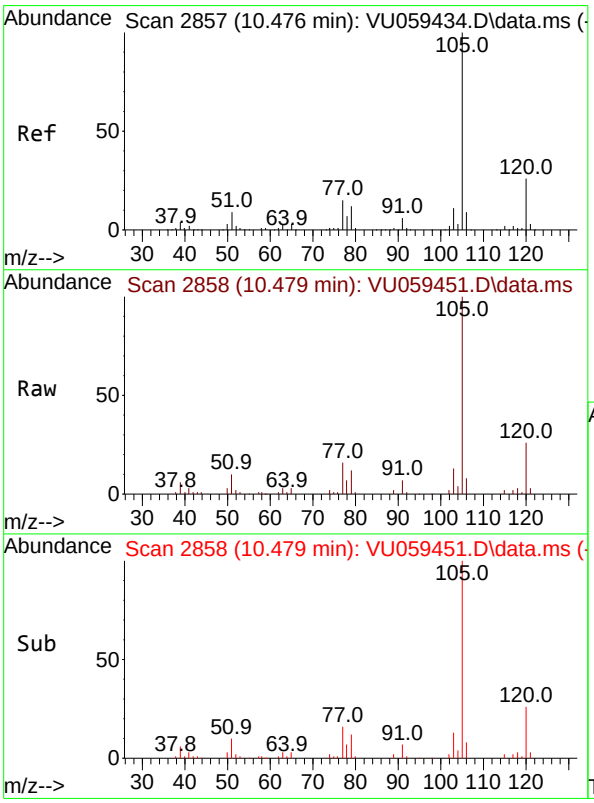
#54
o-Xylene
Concen: 26.272 ug/L
RT: 10.093 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU059451.D
Acq: 24 Jun 2024 15:39

Instrument :
MSVOA_U
ClientSampleId :
C0T78

Tgt Ion:106 Resp: 77676

Ion	Ratio	Lower	Upper
106	100		
91	215.2	156.7	290.9

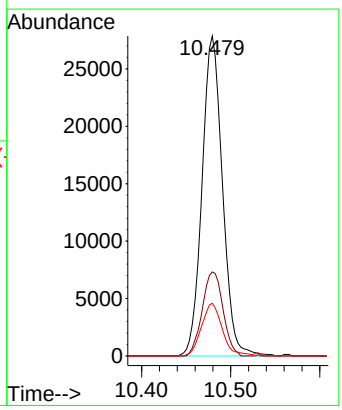


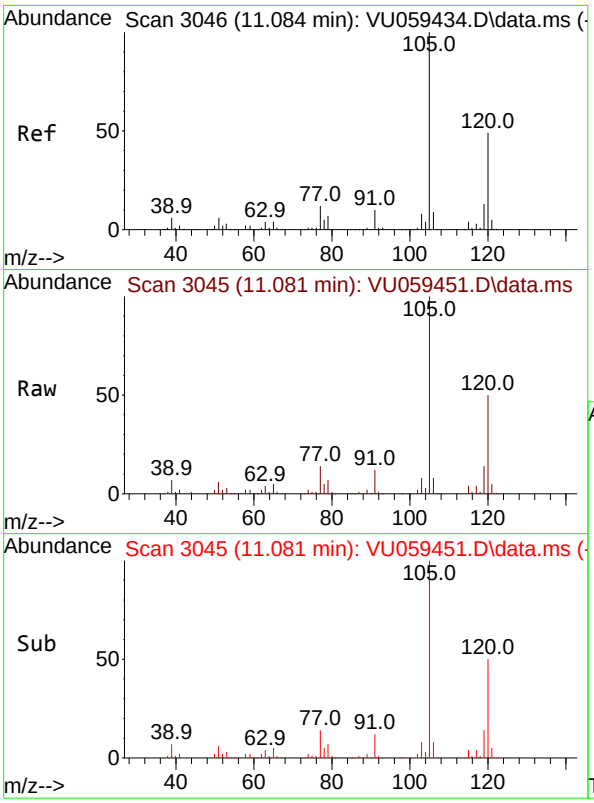


#61
Isopropylbenzene
Concen: 5.102 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059451.D
Acq: 24 Jun 2024 15:39

Tgt Ion:105 Resp: 44430

Ion	Ratio	Lower	Upper
105	100		
120	26.6	20.3	30.5
77	16.7	13.4	20.0



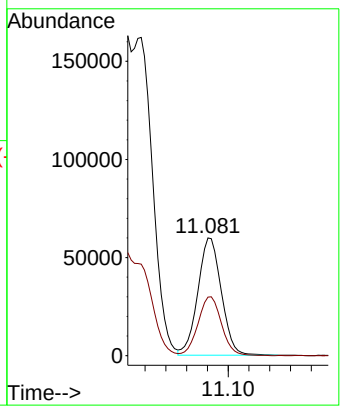


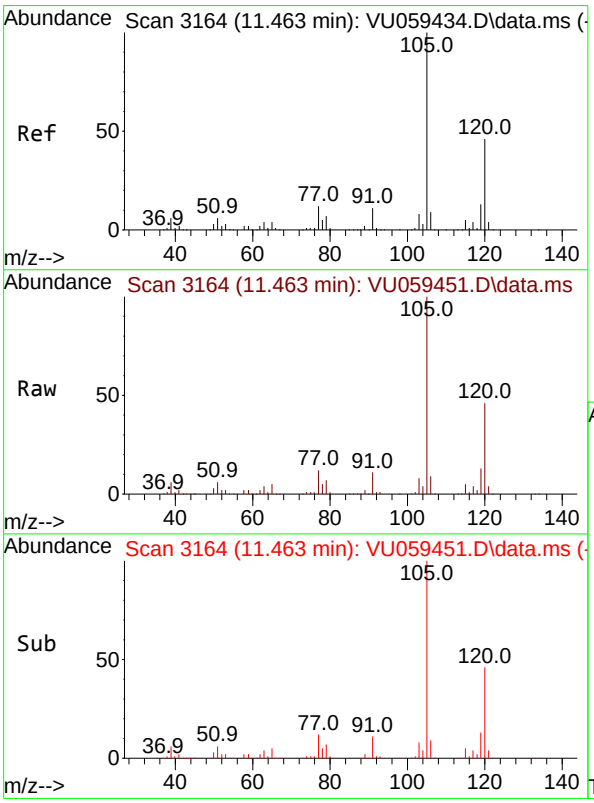
#62
1,3,5-Trimethylbenzene
Concen: 14.840 ug/L
RT: 11.081 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU059451.D
Acq: 24 Jun 2024 15:39

Instrument :
MSVOA_U
ClientSampleId :
C0T78

Tgt Ion:105 Resp: 93631

Ion	Ratio	Lower	Upper
105	100		
120	50.5	37.8	56.8





#63
1,2,4-Trimethylbenzene
Concen: 40.303 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059451.D
Acq: 24 Jun 2024 15:39

Tgt Ion:105 Resp: 275650

Ion	Ratio	Lower	Upper
105	100		
120	45.5	35.0	52.6