Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090424\
Data File : VU060602.D
Acq On : 04 Sep 2024 16:16
Operator : MD/SY
Sample : P3809-01DL 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3E1DL

Quant Time: Sep 05 03:57:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 05 03:55:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	135886	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	141422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56907	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33973	5.661	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.200%			
7) Chloroethane-d5	1.911	69	31772	3.494	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 69.800%			
11) 1,1-Dichloroethene-d2	2.560	65	14715	4.160	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	4.634	46	86121	41.728	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.460%			
24) Chloroform-d	5.055	84	73724	4.309	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.200%			
26) 1,2-Dichloroethane-d4	5.698	65	37842	4.238	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
32) Benzene-d6	5.721	84	139525	4.512	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
36) 1,2-Dichloropropane-d6	6.685	67	46377	4.648	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.894	98	113118	3.899	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.000%			
43) trans-1,3-Dichloroprop...	8.177	79	13447	3.766	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.400%			
46) 2-Hexanone-d5	8.630	63	58052	33.959	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 67.920%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33932	3.822	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 76.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	40207	4.792	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	2525	0.192	ug/L #	71
16) Methylene chloride	3.042	84	6143	0.568	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	60345	5.586	ug/L	99
42) Toluene	7.965	91	74885	1.580	ug/L	99
53) m,p-Xylene	9.692	106	5276	0.283	ug/L	100
54) o-Xylene	10.100	106	3292	0.172	ug/L	88
62) 1,3,5-Trimethylbenzene	11.087	105	2646	0.093	ug/L	87
63) 1,2,4-Trimethylbenzene	11.466	105	6988	0.242	ug/L	99

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

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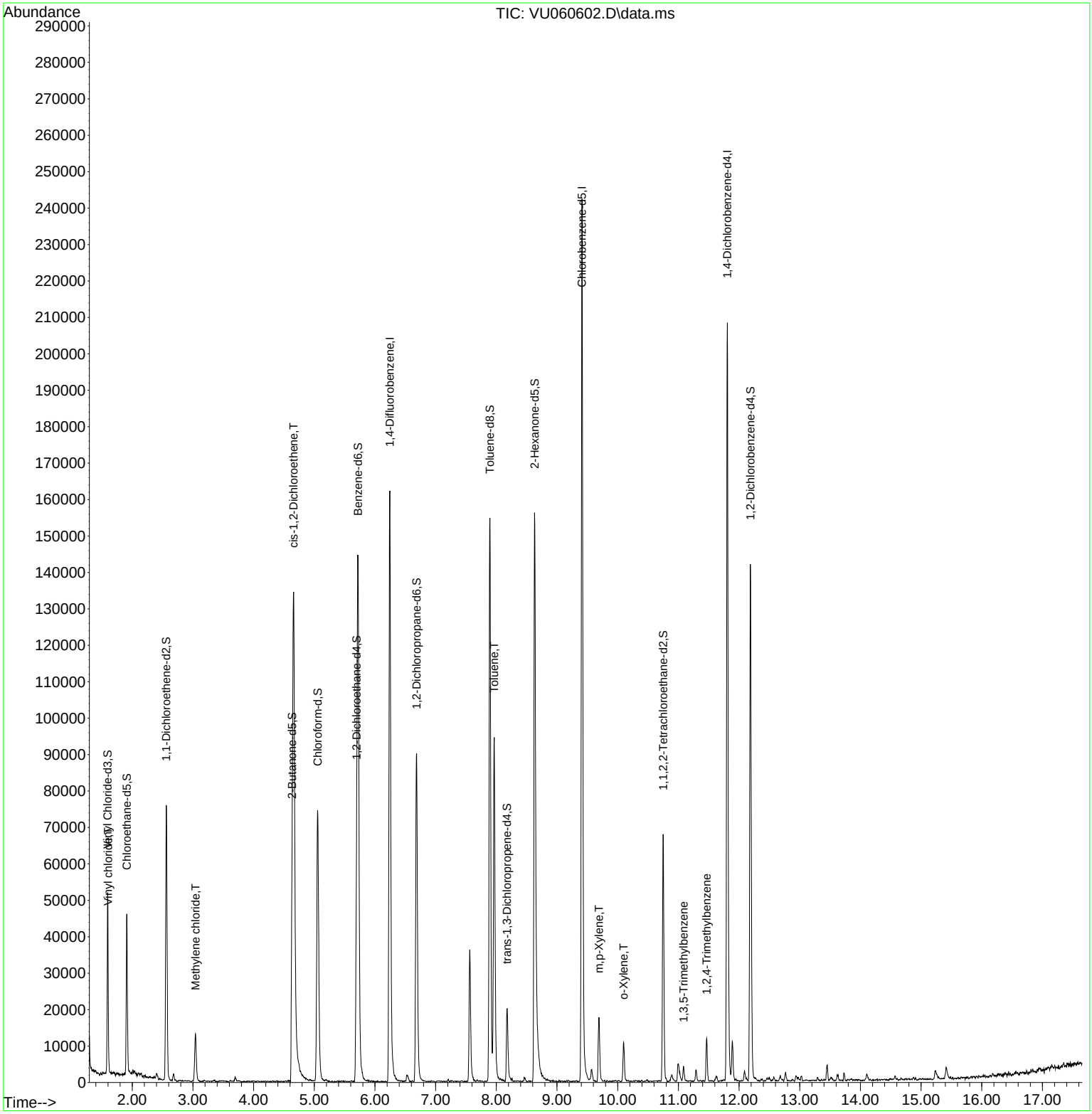
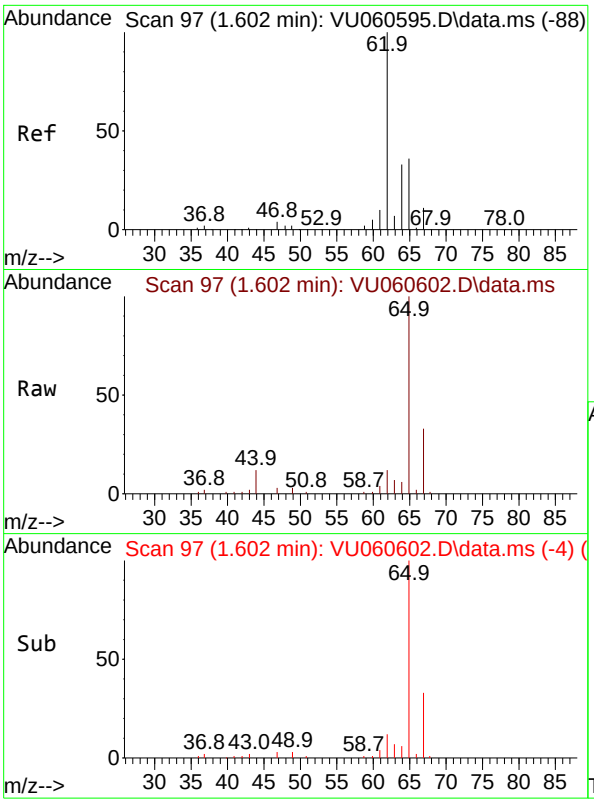


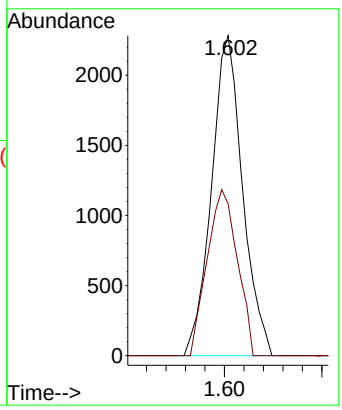


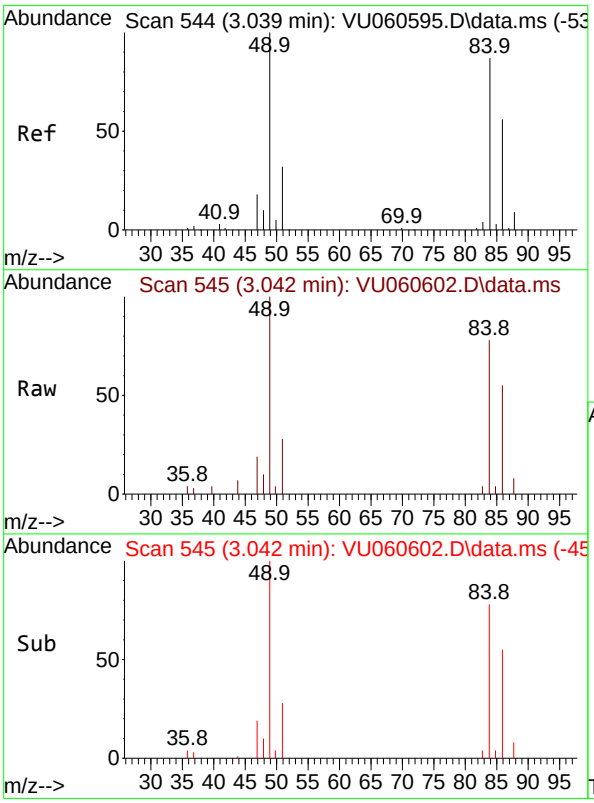
#5
Vinyl chloride
Concen: 0.192 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU060602.D
Acq: 04 Sep 2024 16:16

Instrument :
MSVOA_U
ClientSampleId :
YE3E1DL

Tgt Ion: 62 Resp: 2525

Ion	Ratio	Lower	Upper
62	100		
64	47.5	22.0	40.8#

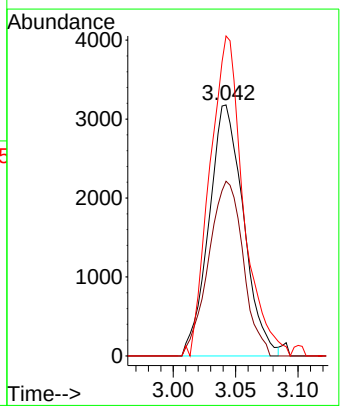


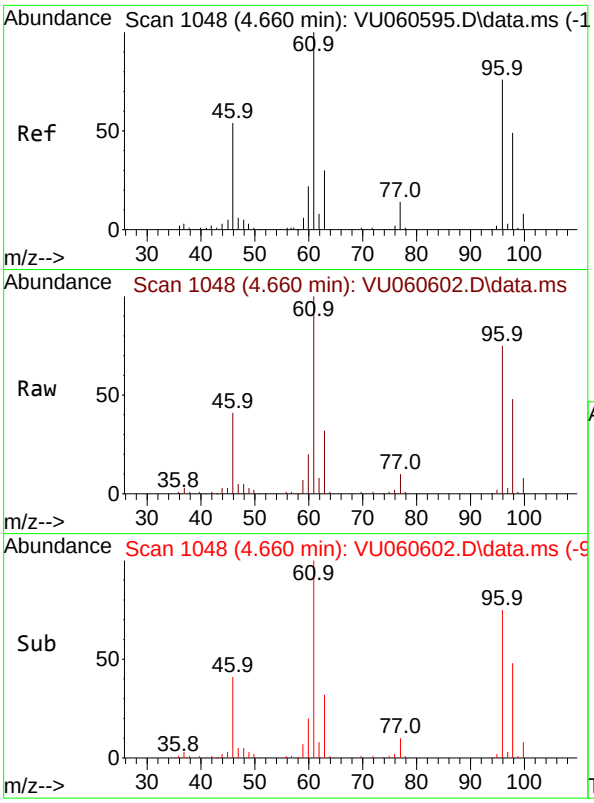


#16
Methylene chloride
Concen: 0.568 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU060602.D
Acq: 04 Sep 2024 16:16

Tgt Ion: 84 Resp: 6143

Ion	Ratio	Lower	Upper
84	100		
86	69.6	47.5	88.3
49	132.4	94.4	175.2



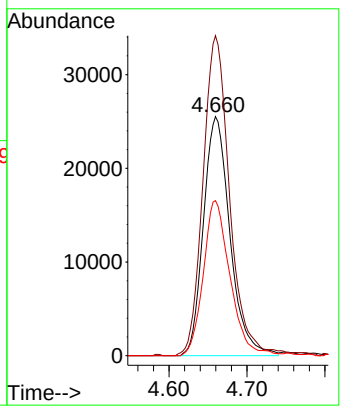


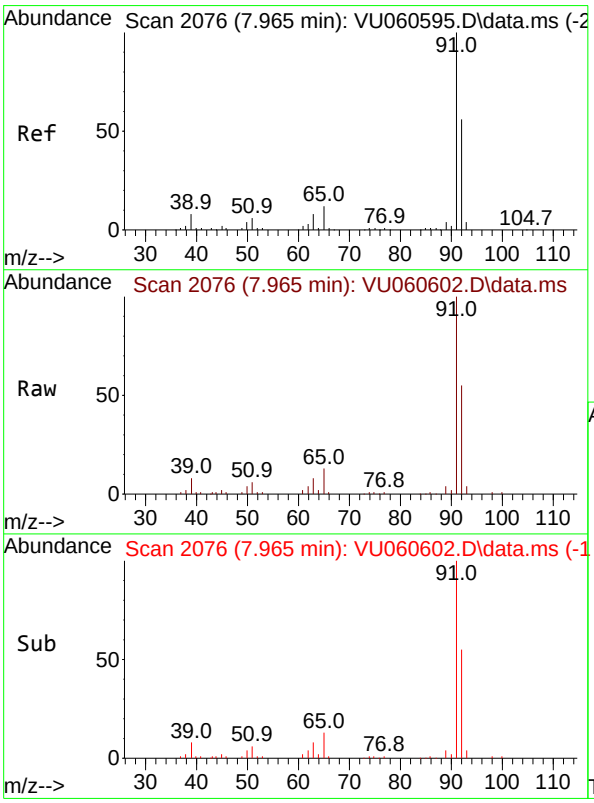
#22
cis-1,2-Dichloroethene
Concen: 5.586 ug/L
RT: 4.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060602.D
Acq: 04 Sep 2024 16:16

Instrument :
MSVOA_U
ClientSampleId :
YE3E1DL

Tgt Ion: 96 Resp: 60345

Ion	Ratio	Lower	Upper
96	100		
61	133.9	92.9	172.5
98	64.8	45.0	83.6

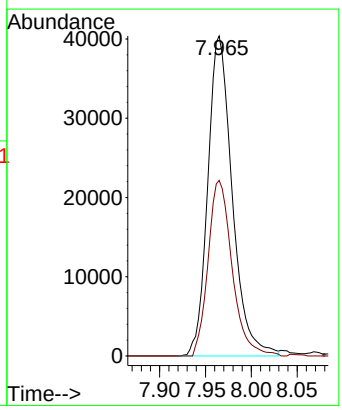


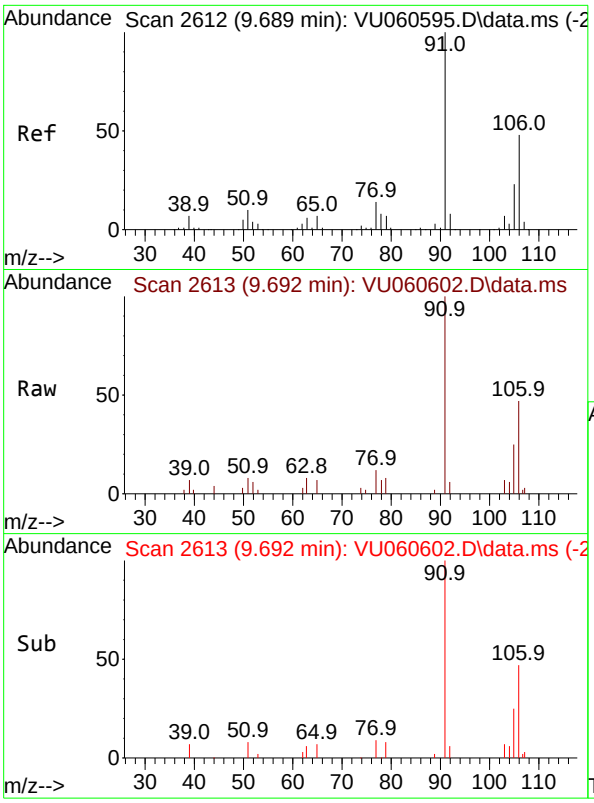


#42
Toluene
Concen: 1.580 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU060602.D
Acq: 04 Sep 2024 16:16

Tgt Ion: 91 Resp: 74885

Ion	Ratio	Lower	Upper
91	100		
92	54.8	38.0	70.6



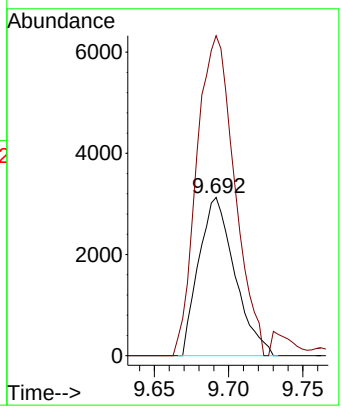


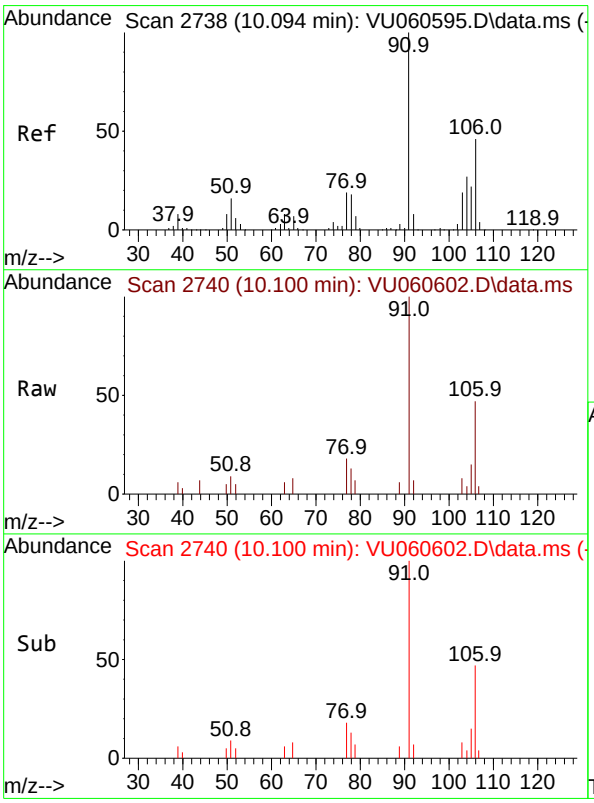
#53
m,p-Xylene
Concen: 0.283 ug/L
RT: 9.692 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU060602.D
Acq: 04 Sep 2024 16:16

Instrument :
MSVOA_U
ClientSampleId :
YE3E1DL

Tgt Ion:106 Resp: 5276

Ion	Ratio	Lower	Upper
106	100		
91	202.3	141.5	262.9

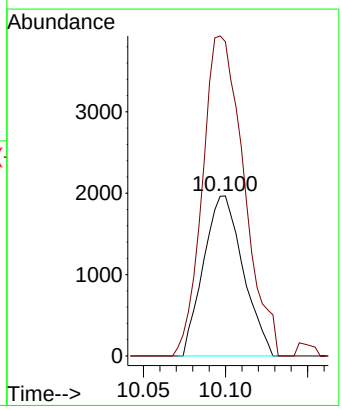


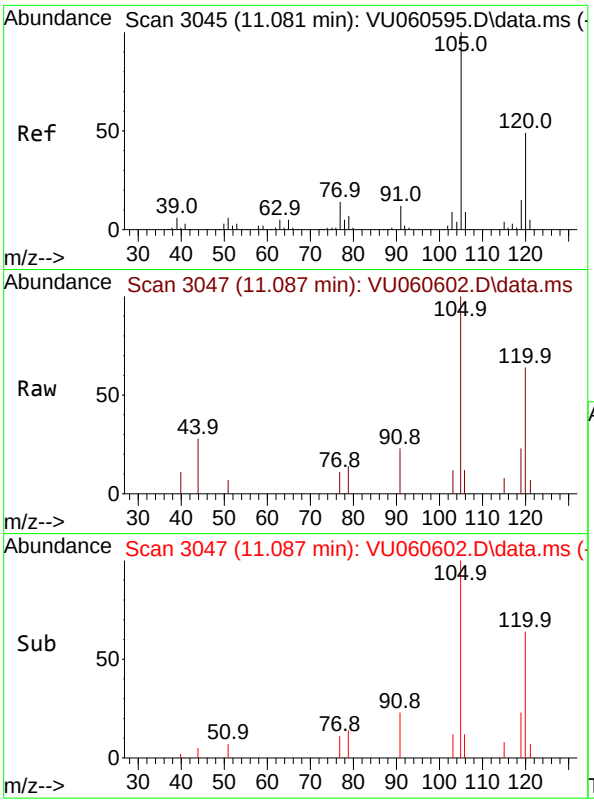


#54
o-Xylene
Concen: 0.172 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.006 min
Lab File: VU060602.D
Acq: 04 Sep 2024 16:16

Tgt Ion:106 Resp: 3292

Ion	Ratio	Lower	Upper
106	100		
91	196.5	151.1	280.7



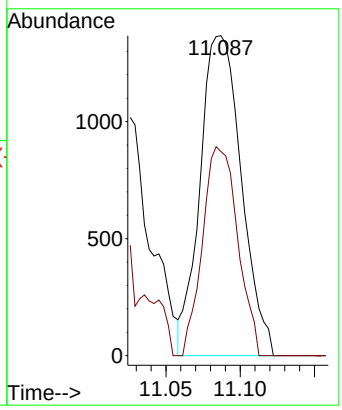


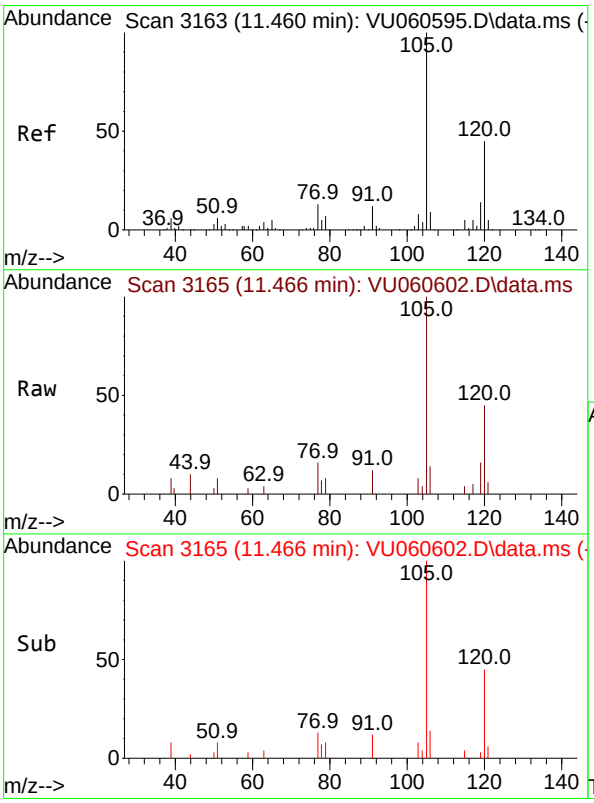
#62
1,3,5-Trimethylbenzene
Concen: 0.093 ug/L
RT: 11.087 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU060602.D
Acq: 04 Sep 2024 16:16

Instrument :
MSVOA_U
ClientSampleId :
YE3E1DL

Tgt Ion:105 Resp: 2646

Ion	Ratio	Lower	Upper
105	100		
120	55.6	37.4	56.0





#63
1,2,4-Trimethylbenzene
Concen: 0.242 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU060602.D
Acq: 04 Sep 2024 16:16

Tgt Ion:105 Resp: 6988

Ion	Ratio	Lower	Upper
105	100		
120	45.0	35.7	53.5