Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060061.D
Acq On : 19 Jul 2024 15:32
Operator : MD/SY
Sample : P3244-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Quant Time: Jul 20 01:40:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 20 01:37:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	137925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35001	3.647	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.000%			
7) Chloroethane-d5	1.911	69	35665	4.001	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.000%			
11) 1,1-Dichloroethene-d2	2.560	65	14973	3.996	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.000%			
20) 2-Butanone-d5	4.628	46	117315	52.290	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.580%			
24) Chloroform-d	5.055	84	85455	4.237	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
26) 1,2-Dichloroethane-d4	5.698	65	43245	4.605	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.721	84	170901	4.551	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	6.685	67	55527	4.640	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.800%			
41) Toluene-d8	7.894	98	142781	4.208	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.200%			
43) trans-1,3-Dichloroprop...	8.177	79	18664	4.582	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.600%			
46) 2-Hexanone-d5	8.627	63	98989	54.764	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.520%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51176	4.805	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	64172	4.872	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	43677	3.093	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	163230	13.308	ug/L	99
42) Toluene	7.965	91	179112	3.635	ug/L	98
52) Ethylbenzene	9.566	91	15088	0.307	ug/L	100
53) m,p-Xylene	9.685	106	21281	1.121	ug/L	90
54) o-Xylene	10.097	106	15597	0.859	ug/L	98
60) Isopropylbenzene	10.483	105	3283	0.069	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.084	105	16462	0.451	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	49173	1.396	ug/L	99

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

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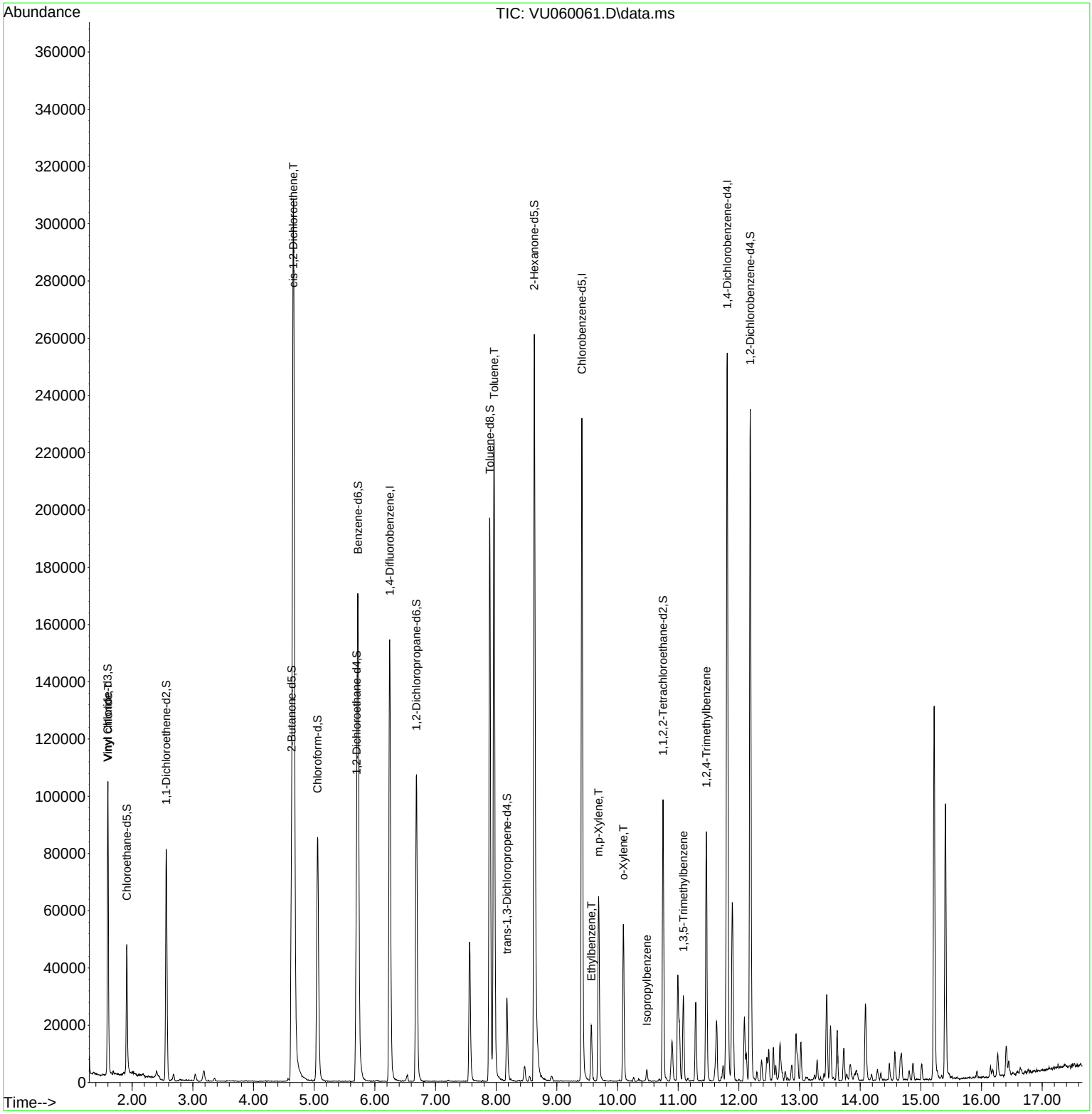
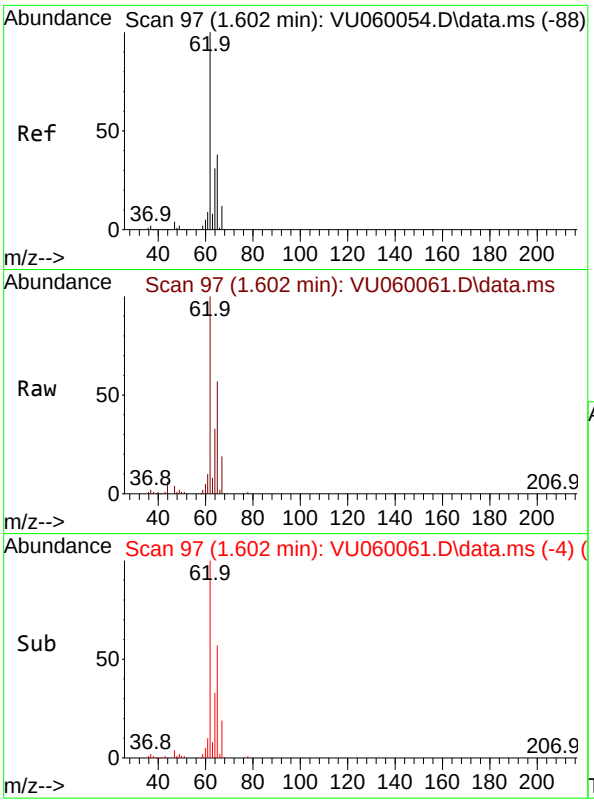


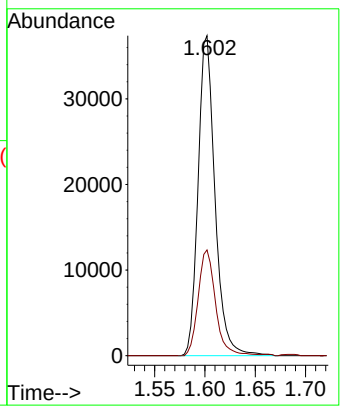


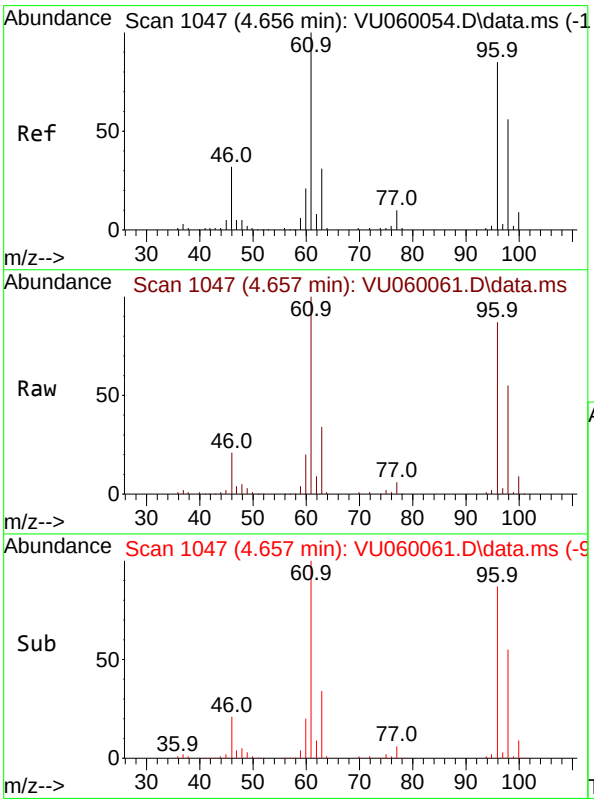
#5
Vinyl chloride
Concen: 3.093 ug/L
RT: 1.602 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU060061.D
Acq: 19 Jul 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Tgt Ion: 62 Resp: 43677

Ion	Ratio	Lower	Upper
62	100		
64	33.0	22.8	42.4

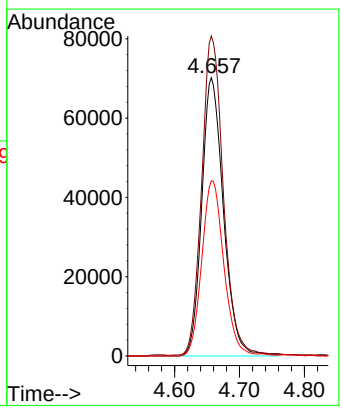


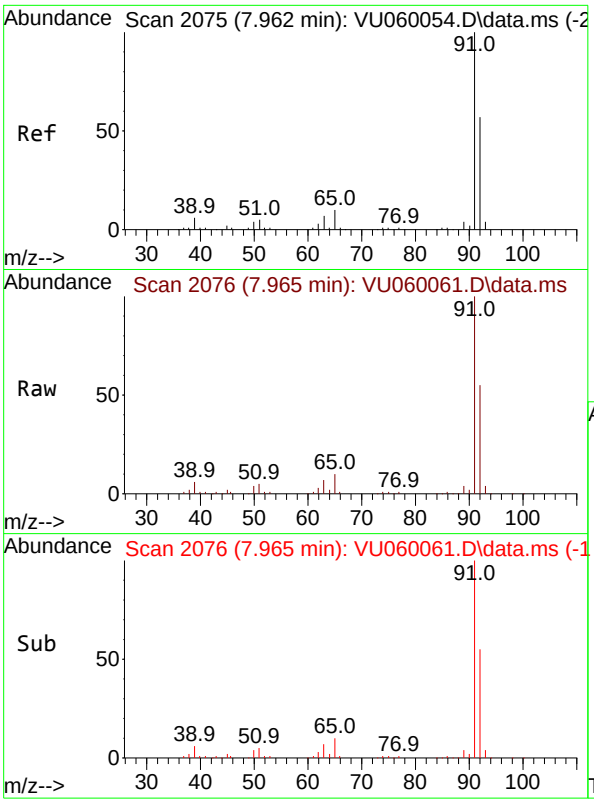


#22
cis-1,2-Dichloroethene
Concen: 13.308 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU060061.D
Acq: 19 Jul 2024 15:32

Tgt Ion: 96 Resp: 163230

Ion	Ratio	Lower	Upper
96	100		
61	115.0	80.2	148.9
98	63.0	44.7	83.1



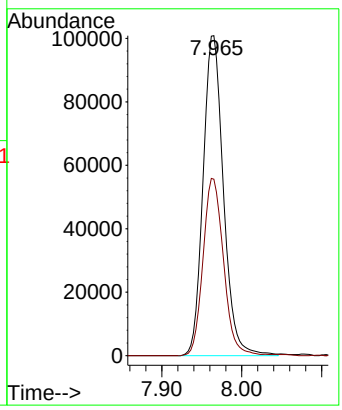


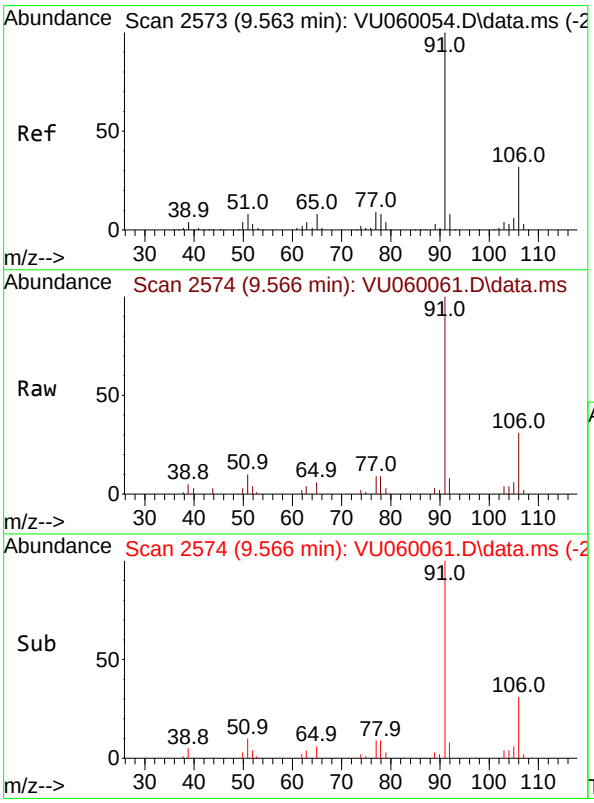
#42
Toluene
Concen: 3.635 ug/L
RT: 7.965 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU060061.D
Acq: 19 Jul 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Tgt Ion: 91 Resp: 179112

Ion	Ratio	Lower	Upper
91	100		
92	55.2	39.8	73.8

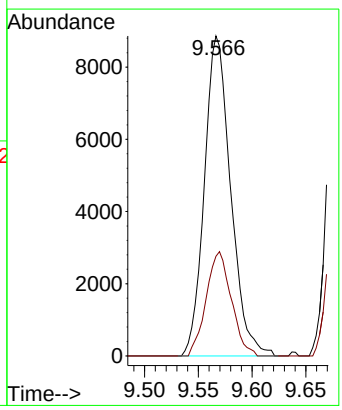


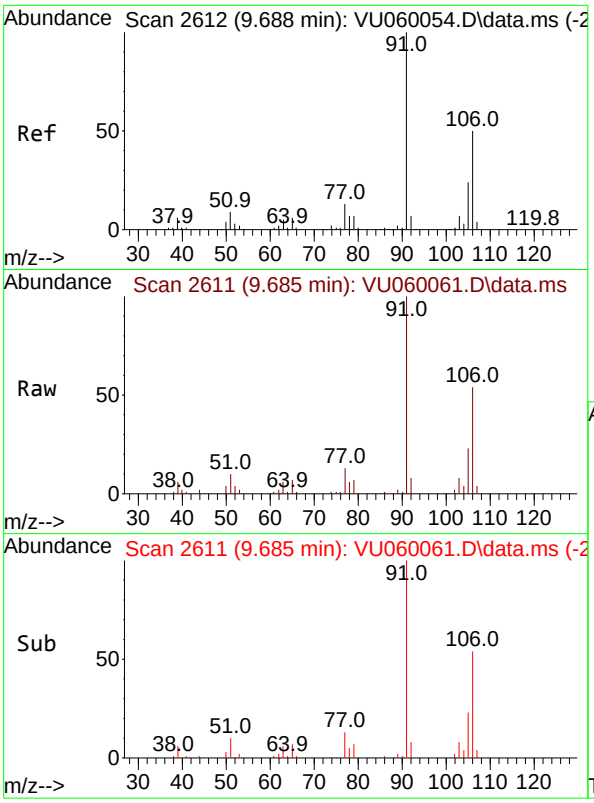


#52
Ethylbenzene
Concen: 0.307 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU060061.D
Acq: 19 Jul 2024 15:32

Tgt Ion: 91 Resp: 15088

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.9	40.7



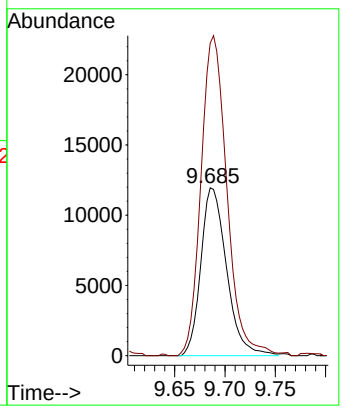


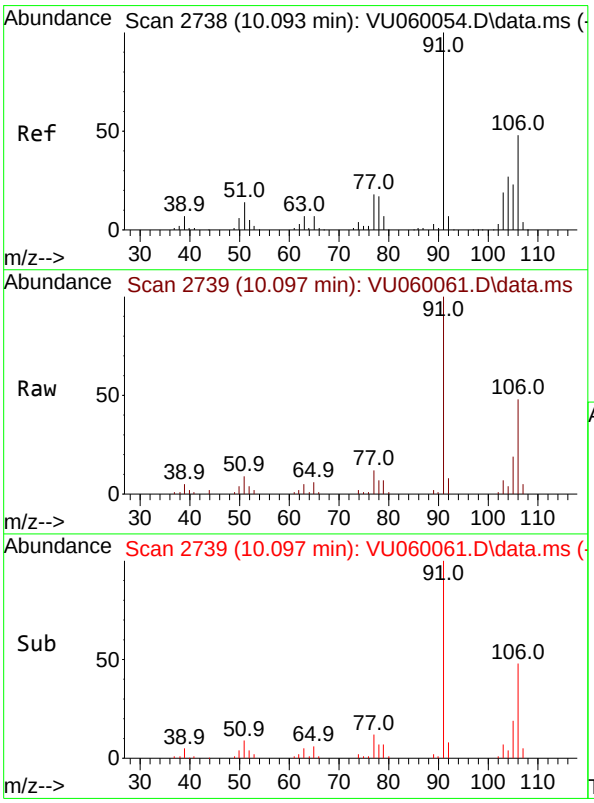
#53
m,p-Xylene
Concen: 1.121 ug/L
RT: 9.685 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU060061.D
Acq: 19 Jul 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Tgt Ion:106 Resp: 21281

Ion	Ratio	Lower	Upper
106	100		
91	186.2	141.3	262.5

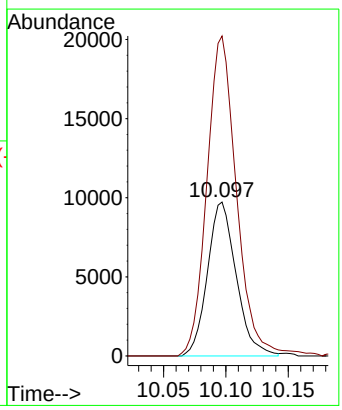


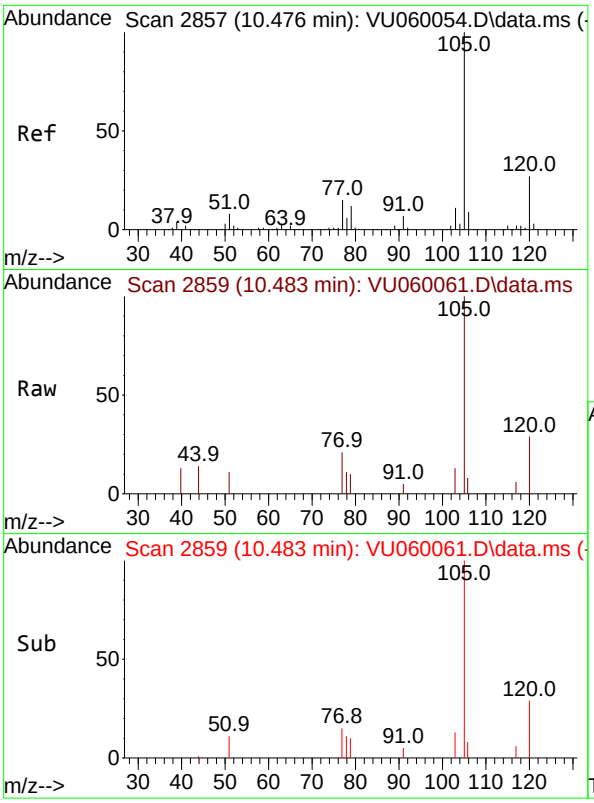


#54
o-Xylene
Concen: 0.859 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU060061.D
Acq: 19 Jul 2024 15:32

Tgt Ion:106 Resp: 15597

Ion	Ratio	Lower	Upper
106	100		
91	207.9	143.6	266.6



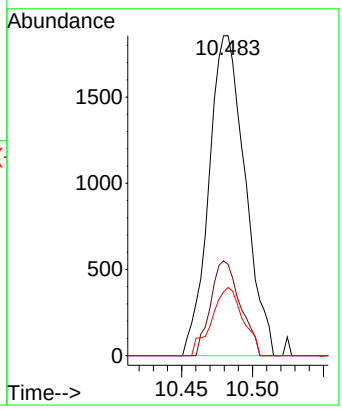


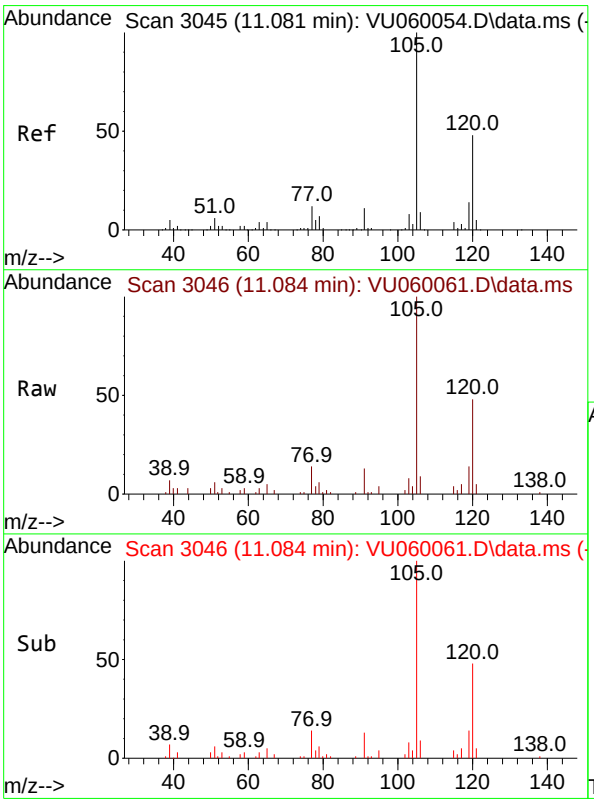
#60
Isopropylbenzene
Concen: 0.069 ug/L
RT: 10.483 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU060061.D
Acq: 19 Jul 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Tgt Ion:105 Resp: 3283

Ion	Ratio	Lower	Upper
105	100		
120	24.2	21.9	32.9
77	18.5	12.1	18.1#

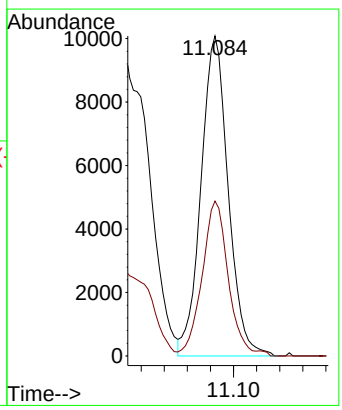


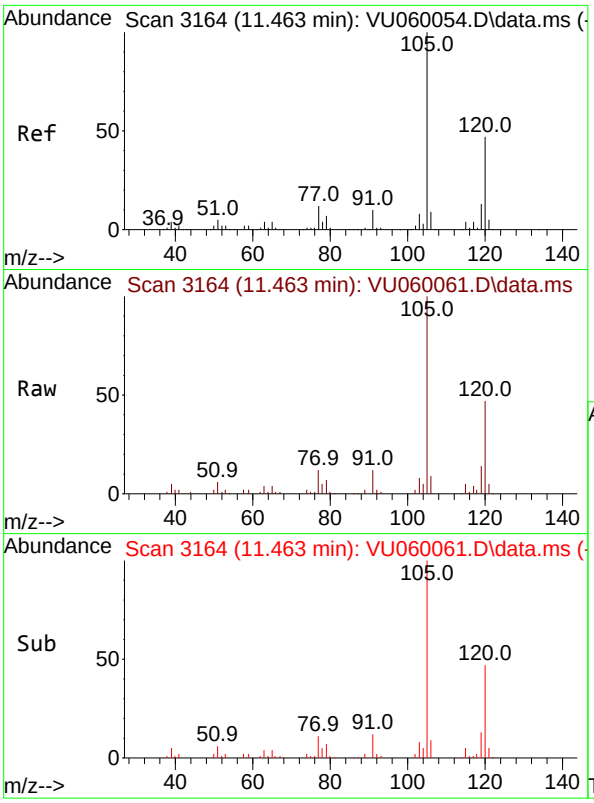


#62
1,3,5-Trimethylbenzene
Concen: 0.451 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU060061.D
Acq: 19 Jul 2024 15:32

Tgt Ion:105 Resp: 16462

Ion	Ratio	Lower	Upper
105	100		
120	46.8	39.4	59.2





#63
1,2,4-Trimethylbenzene
Concen: 1.396 ug/L
RT: 11.463 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU060061.D
Acq: 19 Jul 2024 15:32

Instrument :
MSVOA_U
ClientSampleId :
YDZD5

Tgt Ion:105 Resp: 49173

Ion	Ratio	Lower	Upper
105	100		
120	46.5	36.7	55.1