Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090424\
Data File : VU060610.D
Acq On : 04 Sep 2024 19:30
Operator : MD/SY
Sample : P3809-13 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

Quant Time: Sep 05 03:59:07 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	128518	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136391	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59283	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34126	6.012	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.200%			
7) Chloroethane-d5	1.910	69	34699	4.035	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.600%			
11) 1,1-Dichloroethene-d2	2.563	65	16259	4.860	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.200%			
20) 2-Butanone-d5	4.634	46	86634	44.383	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.760%			
24) Chloroform-d	5.055	84	77495	4.789	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	5.695	65	40347	4.778	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.600%			
32) Benzene-d6	5.721	84	146278	4.905	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
36) 1,2-Dichloropropane-d6	6.682	67	49306	5.124	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.400%			
41) Toluene-d8	7.894	98	115401	4.124	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.400%			
43) trans-1,3-Dichloroprop...	8.177	79	13079	3.798	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.000%			
46) 2-Hexanone-d5	8.630	63	59680	36.199	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.400%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37082	4.331	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	45151	5.165	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.400%			
Target Compounds						Qvalue
13) Acetone	2.650	43	12879	7.885	ug/L	99
16) Methylene chloride	3.039	84	5852	0.572	ug/L	93
42) Toluene	7.968	91	11014	0.241	ug/L	99
52) Ethylbenzene	9.566	91	8368	0.173	ug/L	95
53) m,p-Xylene	9.688	106	11353	0.630	ug/L	98
54) o-Xylene	10.097	106	6196	0.336	ug/L	90
63) 1,2,4-Trimethylbenzene	11.466	105	6875	0.228	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	7203	0.396	ug/L	95

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

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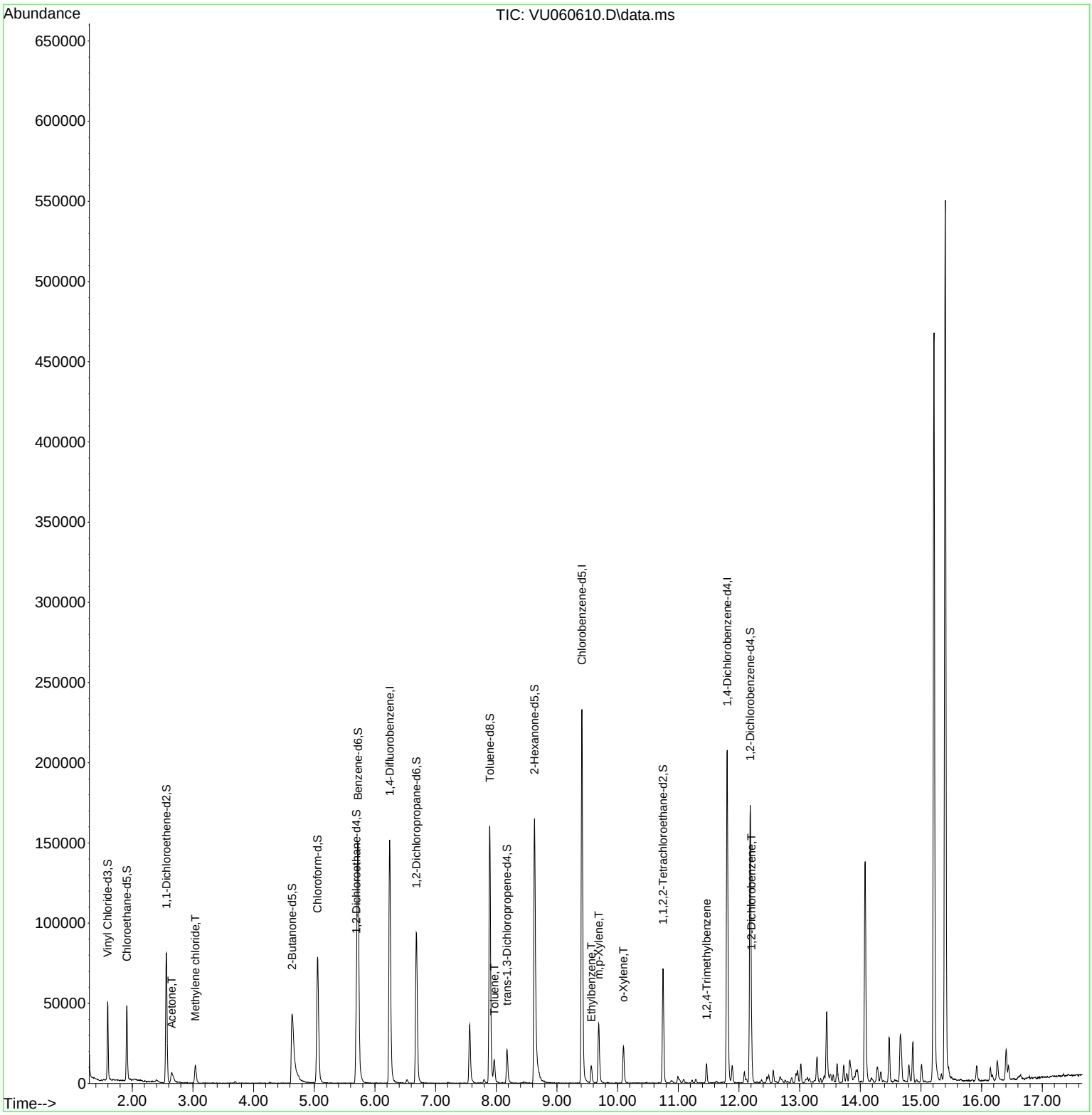
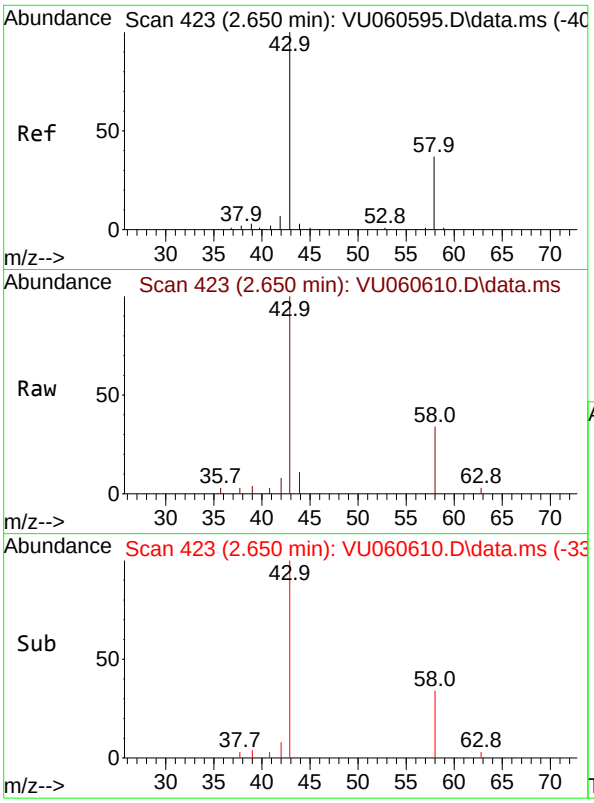


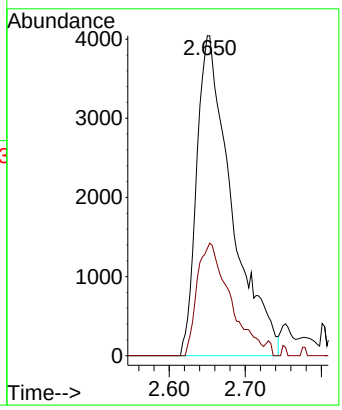


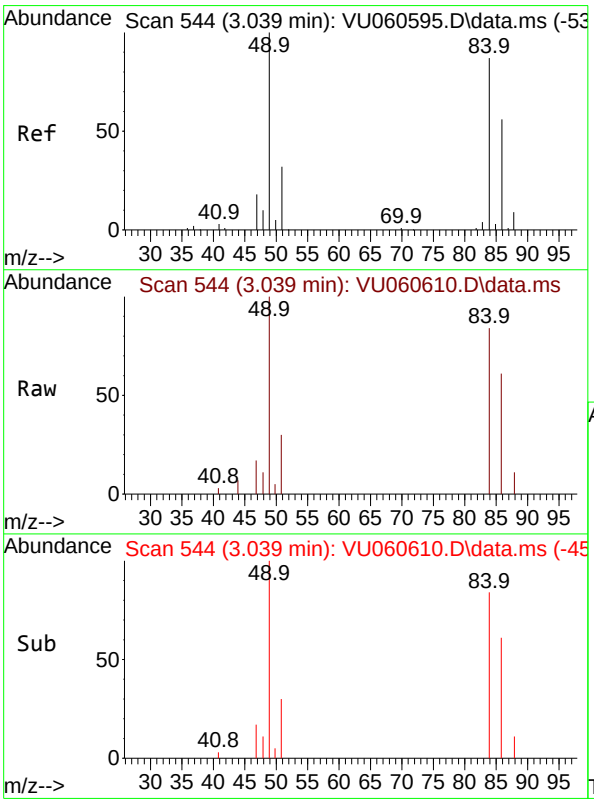
#13
Acetone
Concen: 7.885 ug/L
RT: 2.650 min Scan# 4
Delta R.T. -0.000 min
Lab File: VU060610.D
Acq: 04 Sep 2024 19:30

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

Tgt Ion: 43 Resp: 12879

Ion	Ratio	Lower	Upper
43	100		
58	33.1	0.0	66.8

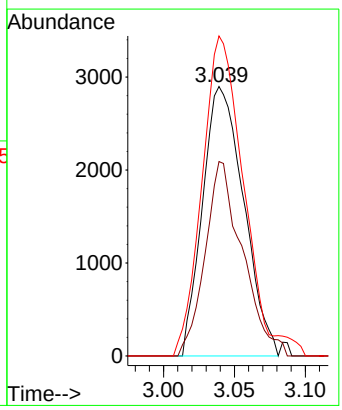


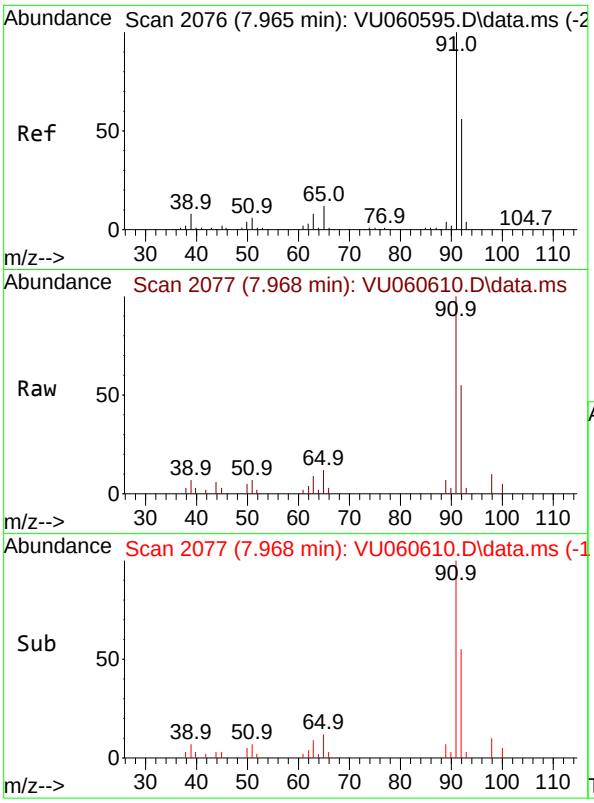


#16
Methylene chloride
Concen: 0.572 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060610.D
Acq: 04 Sep 2024 19:30

Tgt Ion: 84 Resp: 5852

Ion	Ratio	Lower	Upper
84	100		
86	72.2	47.5	88.3
49	125.2	94.4	175.2



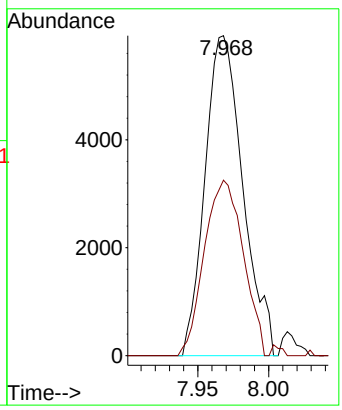


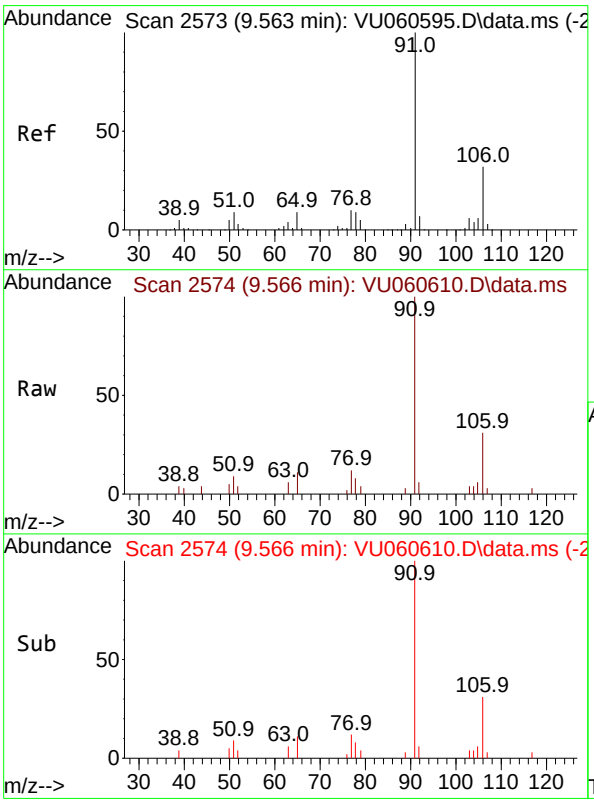
#42
Toluene
Concen: 0.241 ug/L
RT: 7.968 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU060610.D
Acq: 04 Sep 2024 19:30

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

Tgt Ion: 91 Resp: 11014

Ion	Ratio	Lower	Upper
91	100		
92	54.8	38.0	70.6

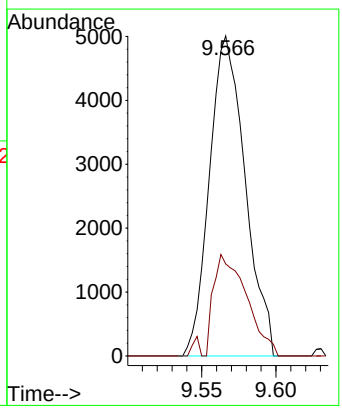


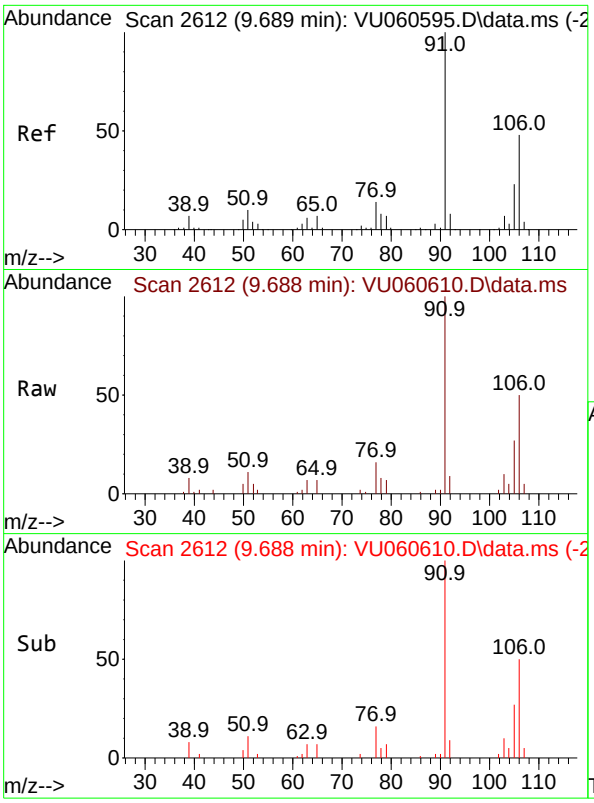


#52
Ethylbenzene
Concen: 0.173 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU060610.D
Acq: 04 Sep 2024 19:30

Tgt Ion: 91 Resp: 8368

Ion	Ratio	Lower	Upper
91	100		
106	28.8	21.9	40.7



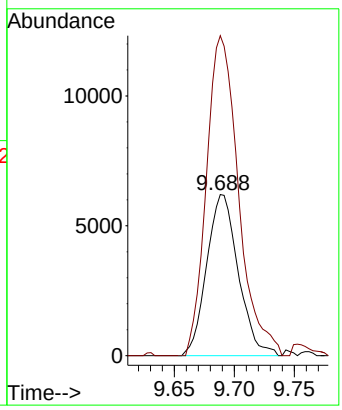


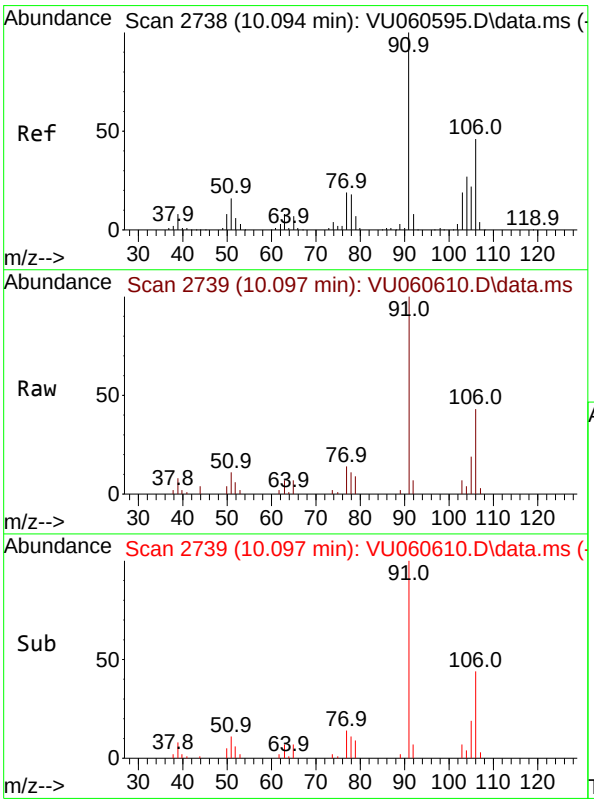
#53
m,p-Xylene
Concen: 0.630 ug/L
RT: 9.688 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU060610.D
Acq: 04 Sep 2024 19:30

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

Tgt Ion:106 Resp: 11353

Ion	Ratio	Lower	Upper
106	100		
91	198.6	141.5	262.9

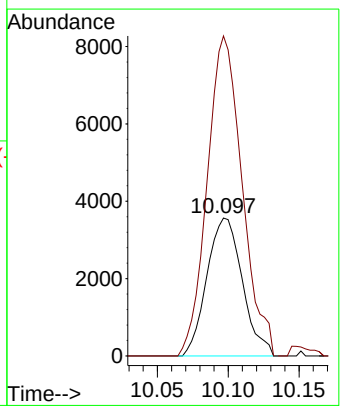


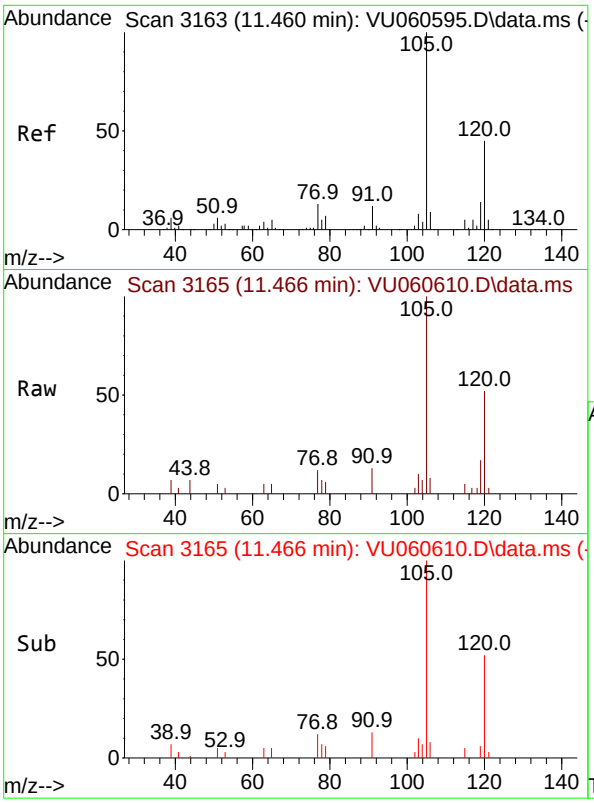


#54
o-Xylene
Concen: 0.336 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU060610.D
Acq: 04 Sep 2024 19:30

Tgt Ion:106 Resp: 6196

Ion	Ratio	Lower	Upper
106	100		
91	232.0	151.1	280.7



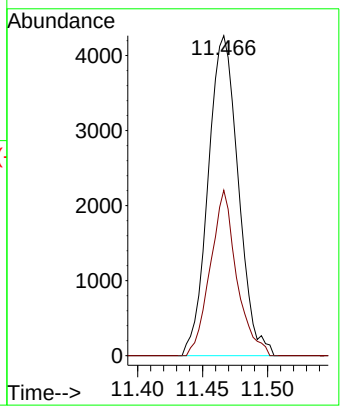


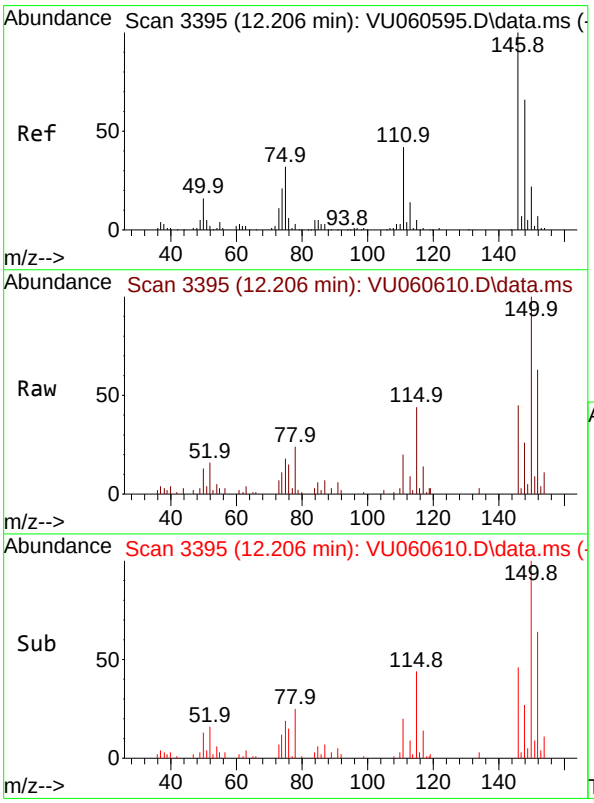
#63
1,2,4-Trimethylbenzene
Concen: 0.228 ug/L
RT: 11.466 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU060610.D
Acq: 04 Sep 2024 19:30

Instrument :
MSVOA_U
ClientSampleId :
YE3F2

Tgt Ion:105 Resp: 6875

Ion	Ratio	Lower	Upper
105	100		
120	45.2	35.7	53.5





#67
1,2-Dichlorobenzene
Concen: 0.396 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060610.D
Acq: 04 Sep 2024 19:30

Tgt Ion:146 Resp: 7203

Ion	Ratio	Lower	Upper
146	100		
111	44.6	34.6	52.0
148	58.9	51.4	77.2