Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059757.D
Acq On : 02 Jul 2024 23:09
Operator : MD/SY
Sample : P3121-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

Quant Time: Jul 03 04:09:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175273	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	173431	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87689	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	59799	4.907	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.200%			
7) Chloroethane-d5	1.907	69	49342	4.208	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.200%			
11) 1,1-Dichloroethene-d2	2.560	65	22633	4.476	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.600%			
20) 2-Butanone-d5	4.634	46	105839	42.159	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.320%			
24) Chloroform-d	5.055	84	102074	4.080	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
26) 1,2-Dichloroethane-d4	5.695	65	51297	4.257	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
32) Benzene-d6	5.718	84	219448	4.598	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.000%			
36) 1,2-Dichloropropane-d6	6.682	67	66340	4.536	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.800%			
41) Toluene-d8	7.891	98	192584	4.340	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.800%			
43) trans-1,3-Dichloroprop...	8.177	79	22764	4.970	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.400%			
46) 2-Hexanone-d5	8.627	63	93362	49.062	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.120%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53064	4.391	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	75769	4.855	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.000%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.657	96	111807	7.846	ug/L	95
30) Cyclohexane	5.383	56	51601	2.918	ug/L	94
35) Methylcyclohexane	6.753	83	10861	0.535	ug/L	95
42) Toluene	7.965	91	28164	0.505	ug/L	100
52) Ethylbenzene	9.566	91	107414	1.878	ug/L	94
53) m,p-Xylene	9.688	106	125106	5.695	ug/L	96
54) o-Xylene	10.094	106	20240	0.971	ug/L	85
62) 1,3,5-Trimethylbenzene	11.081	105	38150	0.889	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	332315	8.100	ug/L	98

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

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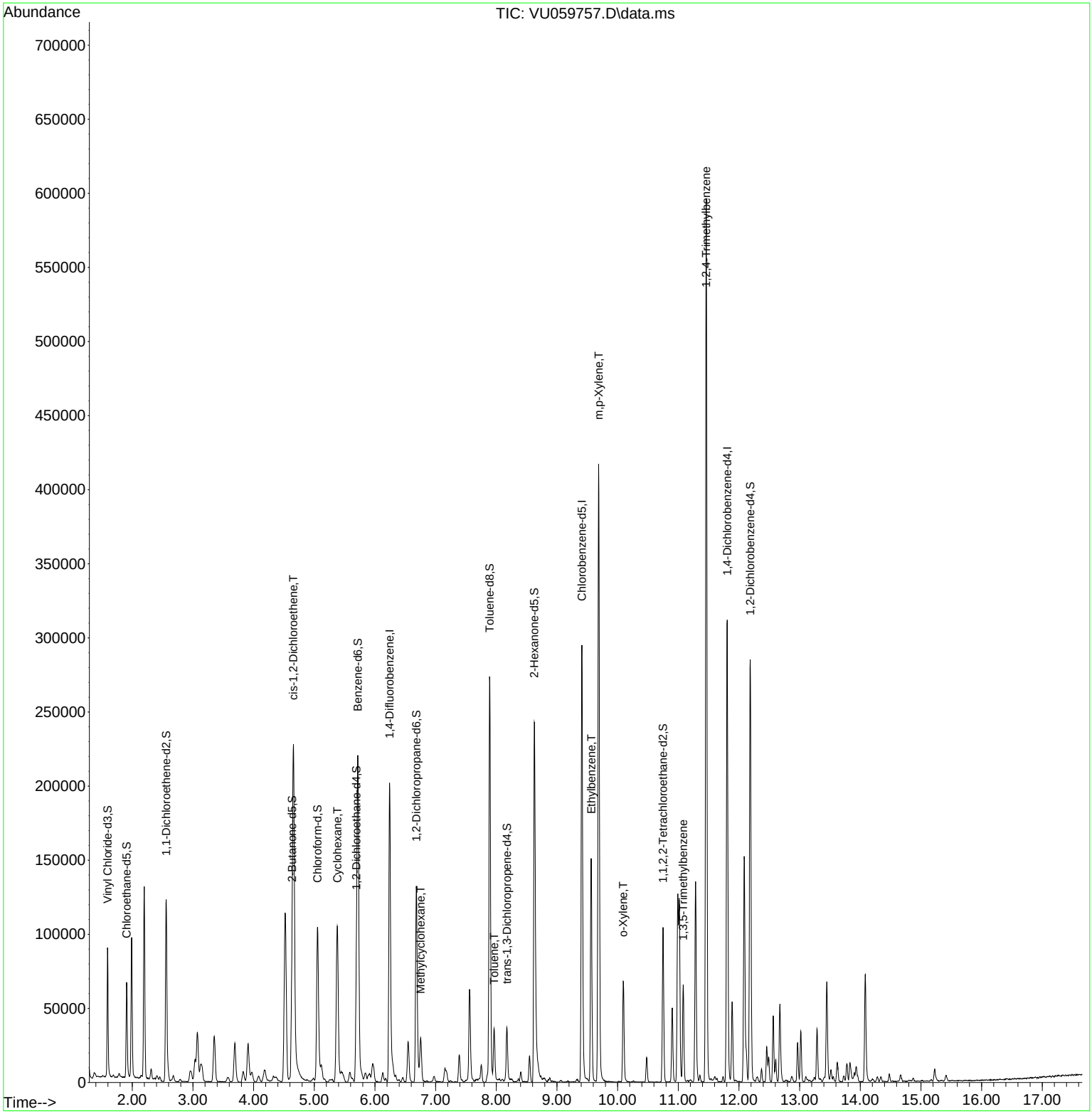
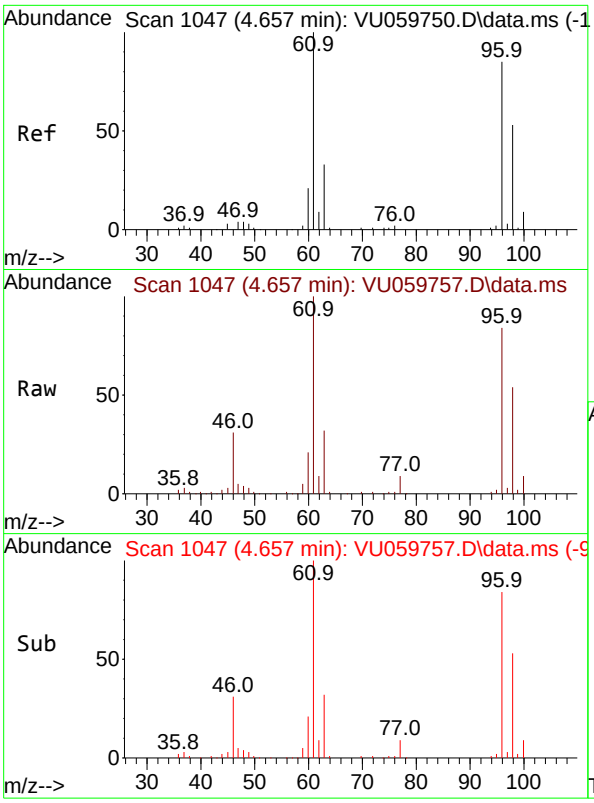
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 04:07:12 2024
Response via : Initial Calibration



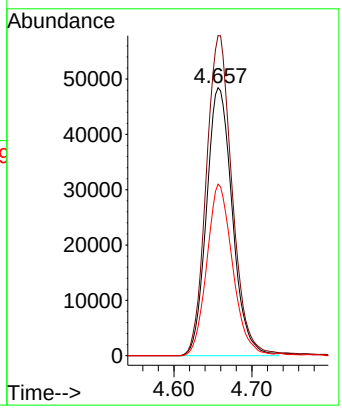


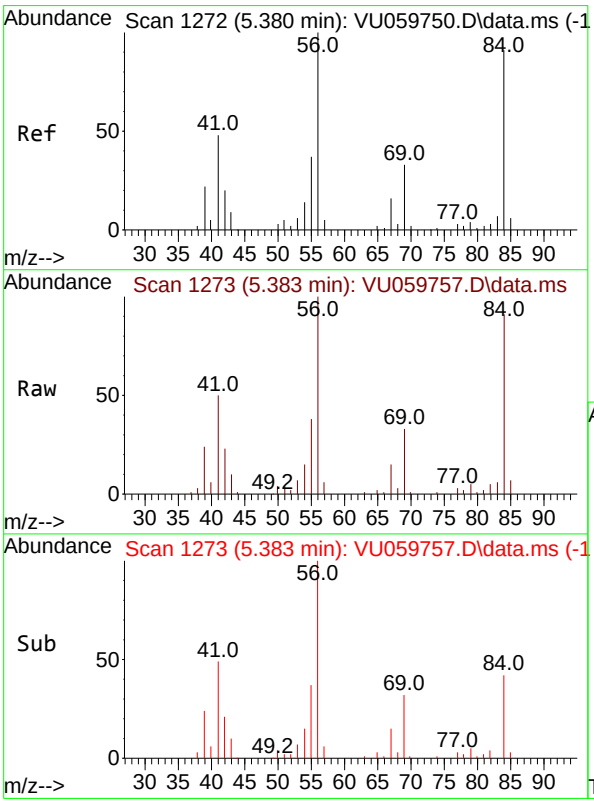
#22
cis-1,2-Dichloroethene
Concen: 7.846 ug/L
RT: 4.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

Tgt Ion: 96 Resp: 111807

Ion	Ratio	Lower	Upper
96	100		
61	119.4	87.4	162.2
98	64.0	42.3	78.5

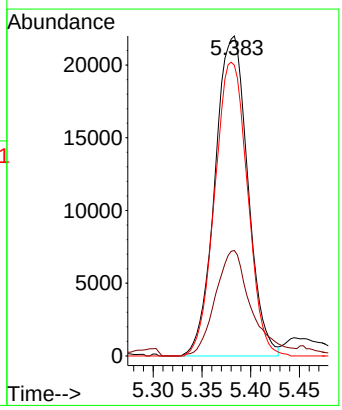


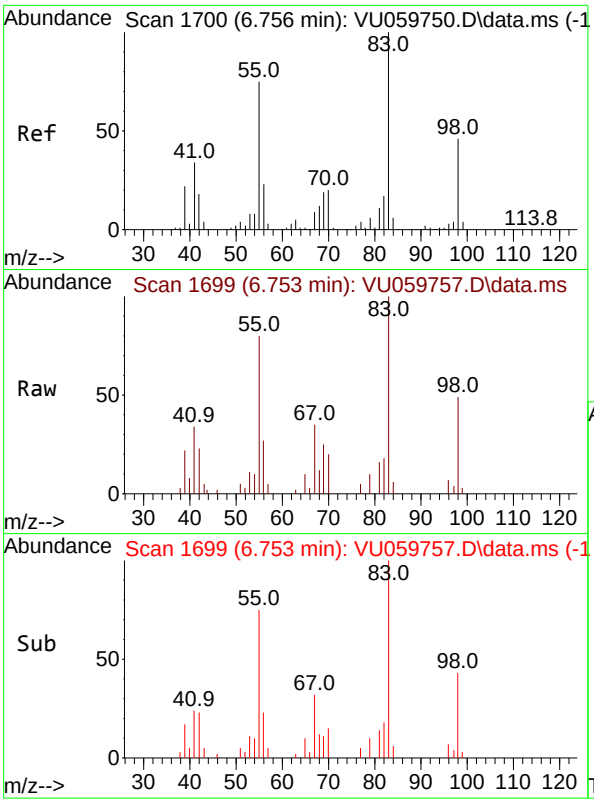


#30
Cyclohexane
Concen: 2.918 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

Tgt Ion: 56 Resp: 51601

Ion	Ratio	Lower	Upper
56	100		
69	36.4	24.8	37.2
84	91.4	69.8	104.8



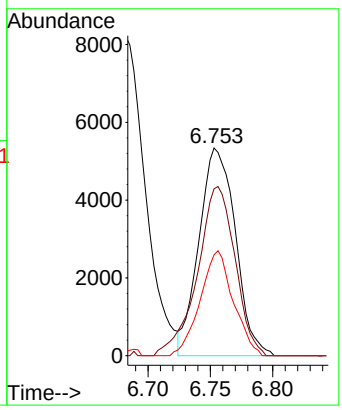


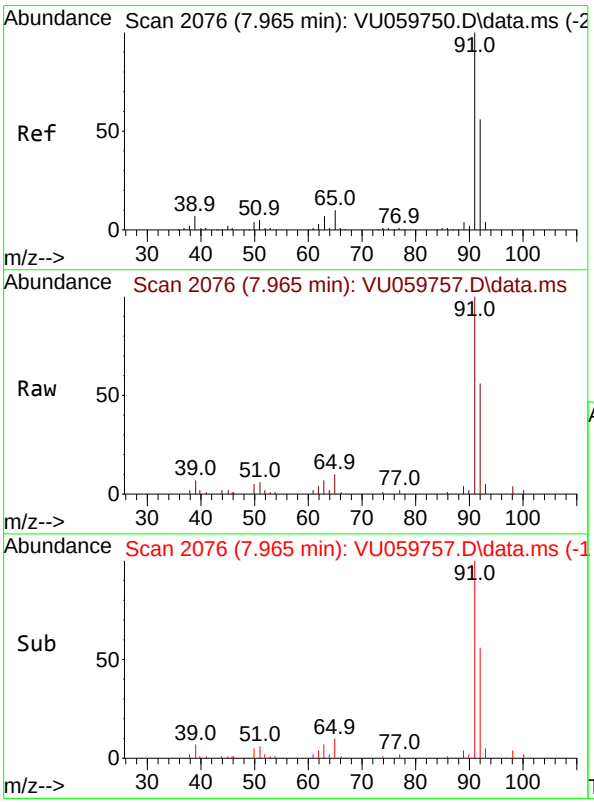
#35
Methylcyclohexane
Concen: 0.535 ug/L
RT: 6.753 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

Tgt Ion: 83 Resp: 10861

Ion	Ratio	Lower	Upper
83	100		
55	83.9	62.7	94.1
98	45.8	35.4	53.0

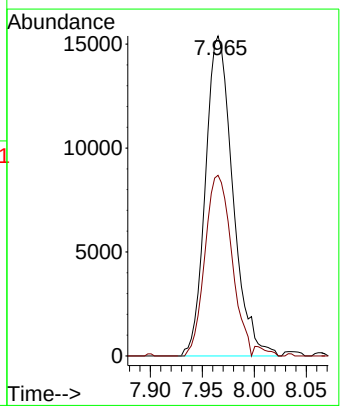


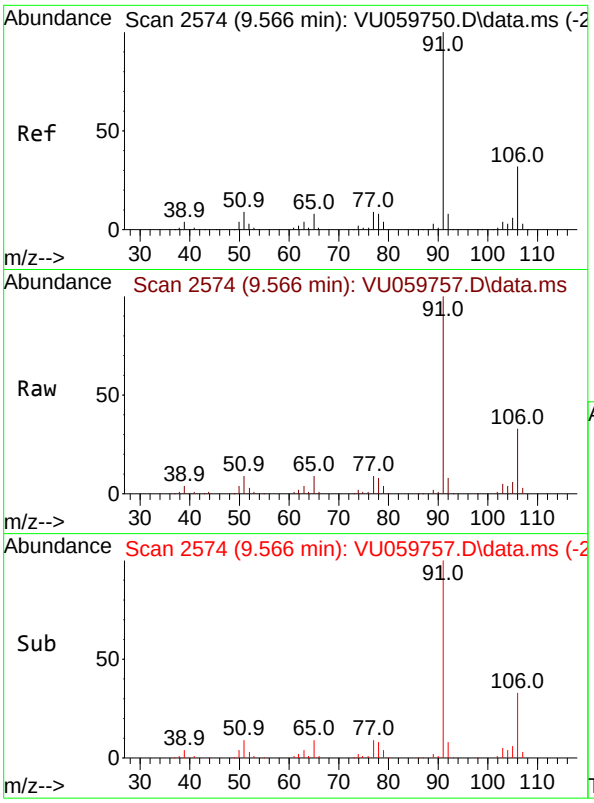


#42
Toluene
Concen: 0.505 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

Tgt Ion: 91 Resp: 28164

Ion	Ratio	Lower	Upper
91	100		
92	56.4	39.7	73.7



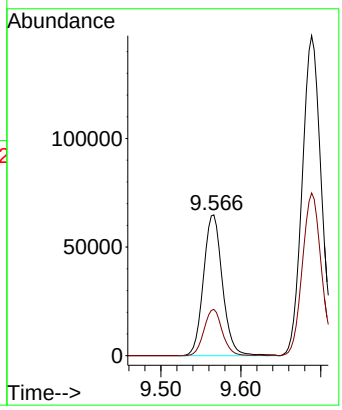


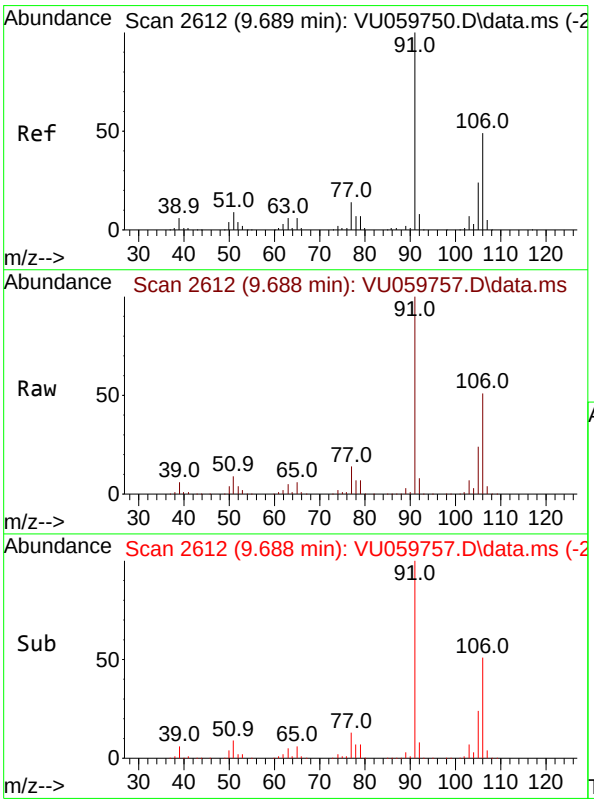
#52
Ethylbenzene
Concen: 1.878 ug/L
RT: 9.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

Tgt Ion: 91 Resp: 107414

Ion	Ratio	Lower	Upper
91	100		
106	32.9	20.9	38.7

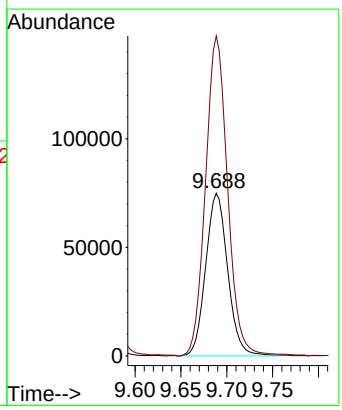


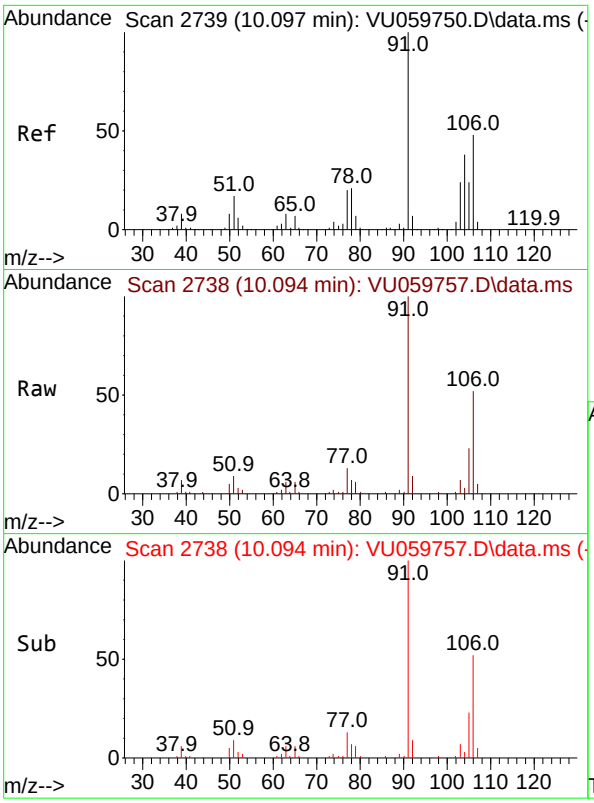


#53
m,p-Xylene
Concen: 5.695 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

Tgt Ion:106 Resp: 125106

Ion	Ratio	Lower	Upper
106	100		
91	196.7	142.0	263.8



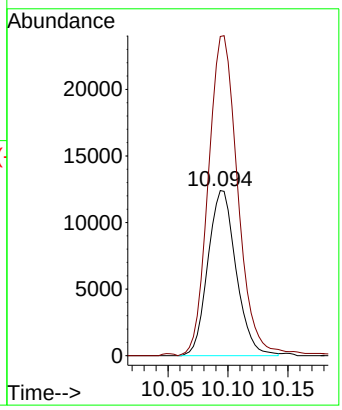


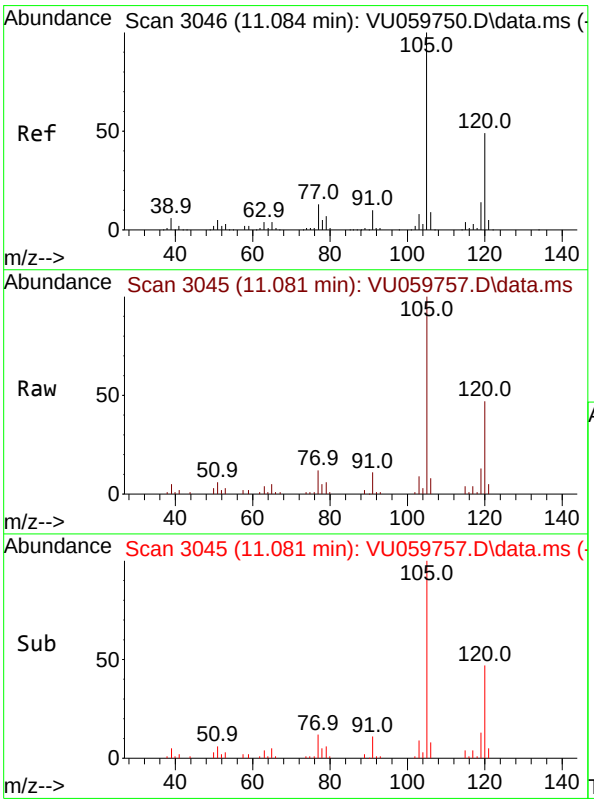
#54
o-Xylene
Concen: 0.971 ug/L
RT: 10.094 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

Tgt Ion:106 Resp: 20240

Ion	Ratio	Lower	Upper
106	100		
91	193.3	151.6	281.6

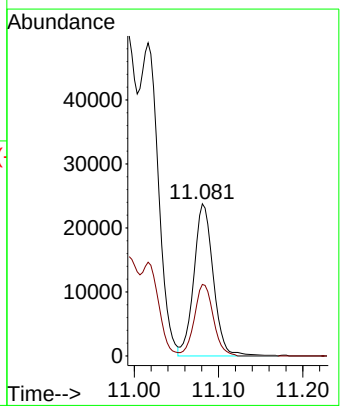


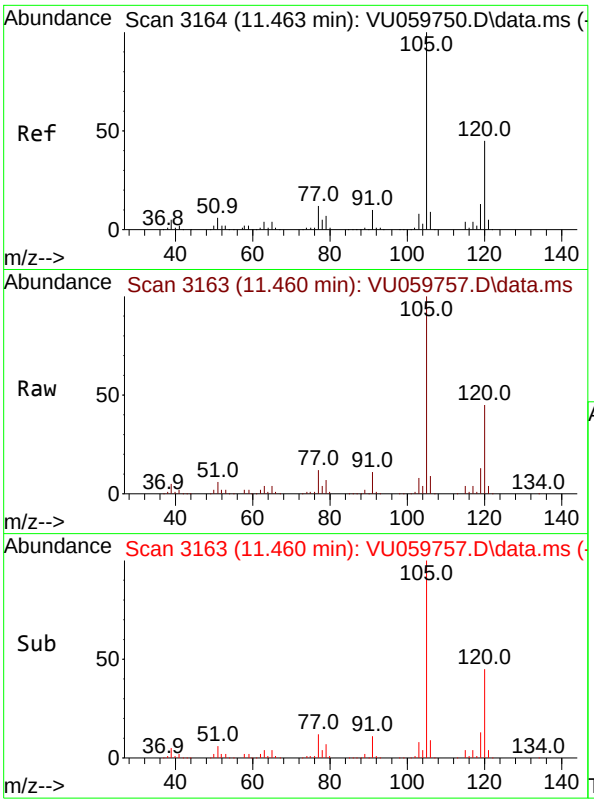


#62
1,3,5-Trimethylbenzene
Concen: 0.889 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

Tgt Ion:105 Resp: 38150

Ion	Ratio	Lower	Upper
105	100		
120	46.0	38.2	57.4





#63
1,2,4-Trimethylbenzene
Concen: 8.100 ug/L
RT: 11.460 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU059757.D
Acq: 02 Jul 2024 23:09

Instrument :
MSVOA_U
ClientSampleId :
C0BH2

Tgt Ion:105 Resp: 332315

Ion	Ratio	Lower	Upper
105	100		
120	45.6	35.4	53.0