Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059705.D
Acq On : 01 Jul 2024 23:41
Operator : MD/SY
Sample : P3121-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH8

Quant Time: Jul 02 03:55:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration

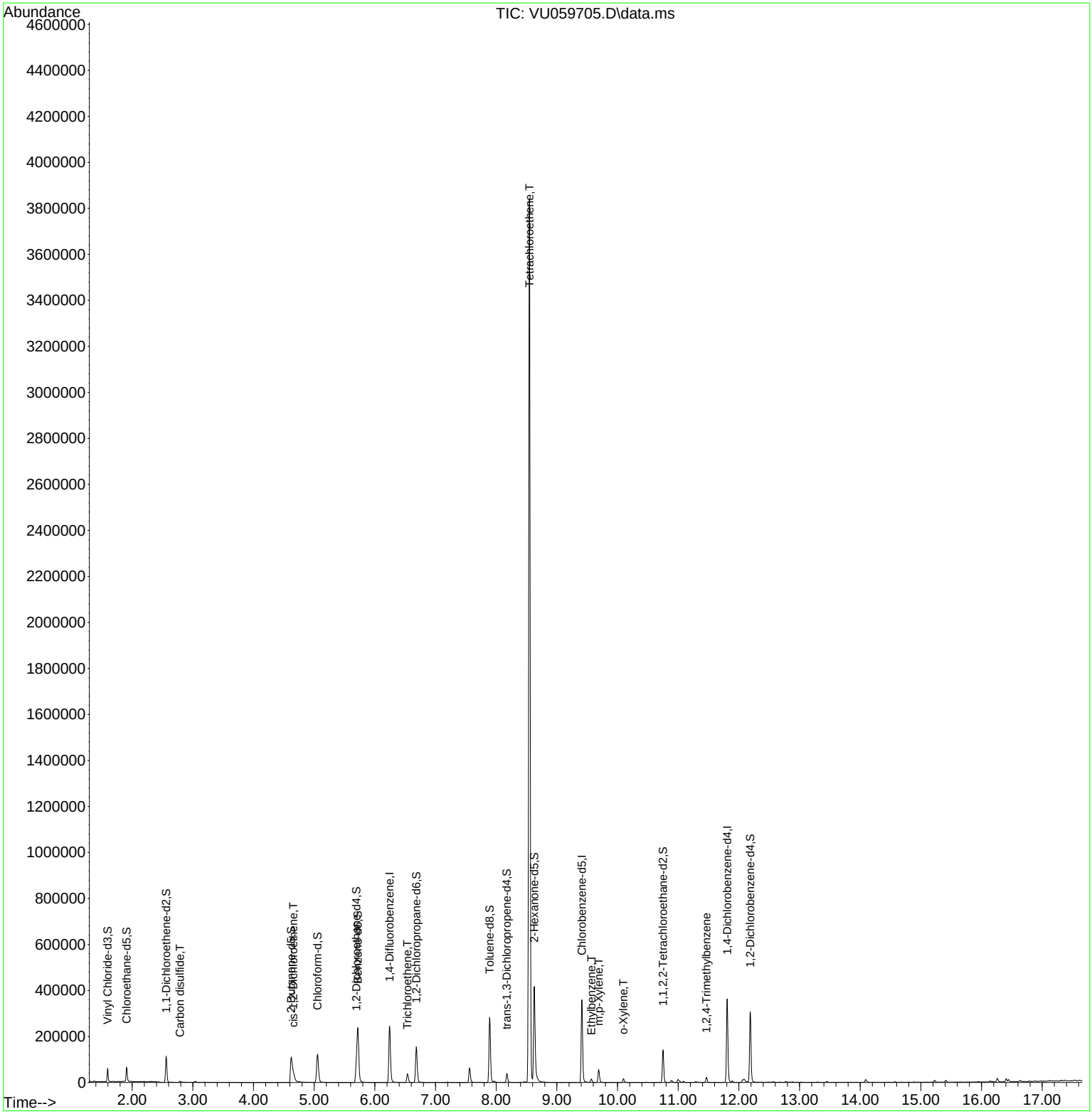
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	213053	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	213066	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40231	2.716	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 54.400%			
7) Chloroethane-d5	1.908	69	45876	3.218	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 64.400%#			
11) 1,1-Dichloroethene-d2	2.560	65	20148	3.278	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.600%			
20) 2-Butanone-d5	4.621	46	181000	59.313	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.620%			
24) Chloroform-d	5.055	84	118955	3.912	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.200%			
26) 1,2-Dichloroethane-d4	5.695	65	61662	4.210	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.200%			
32) Benzene-d6	5.718	84	232146	3.959	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.200%			
36) 1,2-Dichloropropane-d6	6.682	67	76722	4.270	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.400%			
41) Toluene-d8	7.891	98	199987	3.669	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.400%			
43) trans-1,3-Dichloroprop...	8.174	79	23487	4.174	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.400%			
46) 2-Hexanone-d5	8.628	63	154114	65.922	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 131.840%#			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	70583	4.754	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	87435	4.659	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.200%			
Target Compounds						Qvalue
14) Carbon disulfide	2.789	76	6314	0.125	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	9080	0.524	ug/L	93
34) Trichloroethene	6.538	95	12728	0.726	ug/L	92
47) Tetrachloroethene	8.547	164	893138	65.686	ug/L	95
52) Ethylbenzene	9.566	91	11818	0.168	ug/L	96
53) m,p-Xylene	9.689	106	17328	0.642	ug/L	98
54) o-Xylene	10.097	106	4731	0.185	ug/L	90
63) 1,2,4-Trimethylbenzene	11.463	105	13003	0.264	ug/L	97

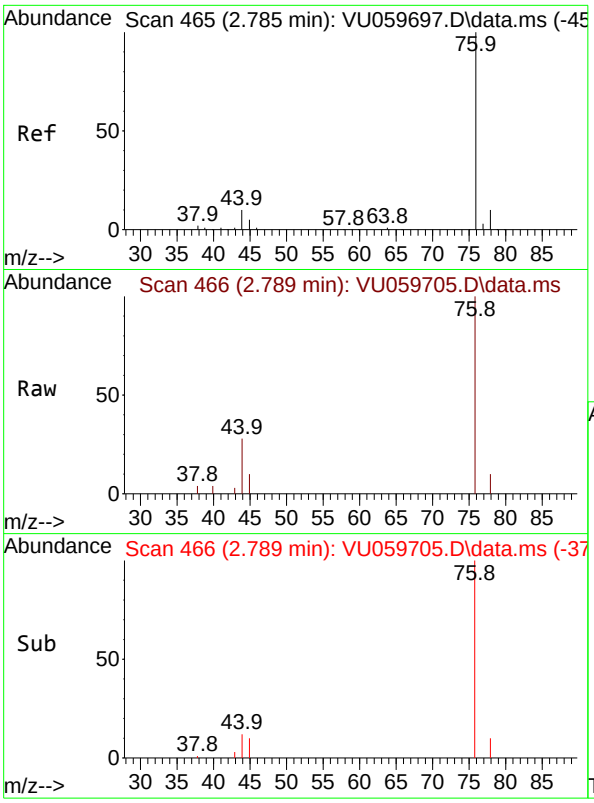
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059705.D
Acq On : 01 Jul 2024 23:41
Operator : MD/SY
Sample : P3121-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BH8

Quant Time: Jul 02 03:55:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration



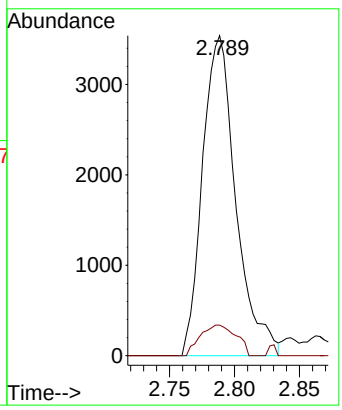


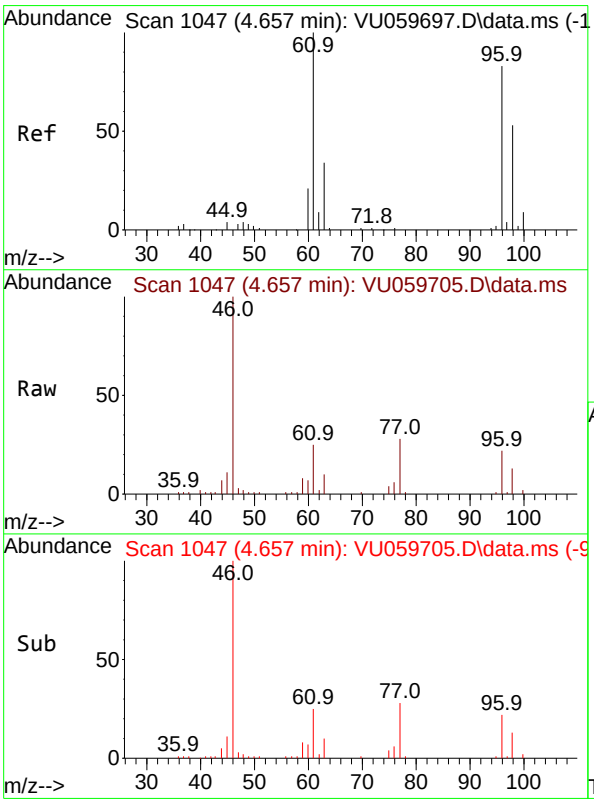
#14
Carbon disulfide
Concen: 0.125 ug/L
RT: 2.789 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Instrument :
MSVOA_U
ClientSampleId :
C0BH8

Tgt Ion: 76 Resp: 6314

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

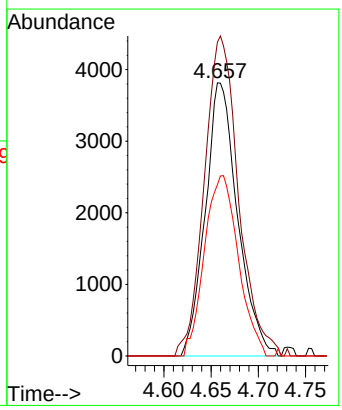


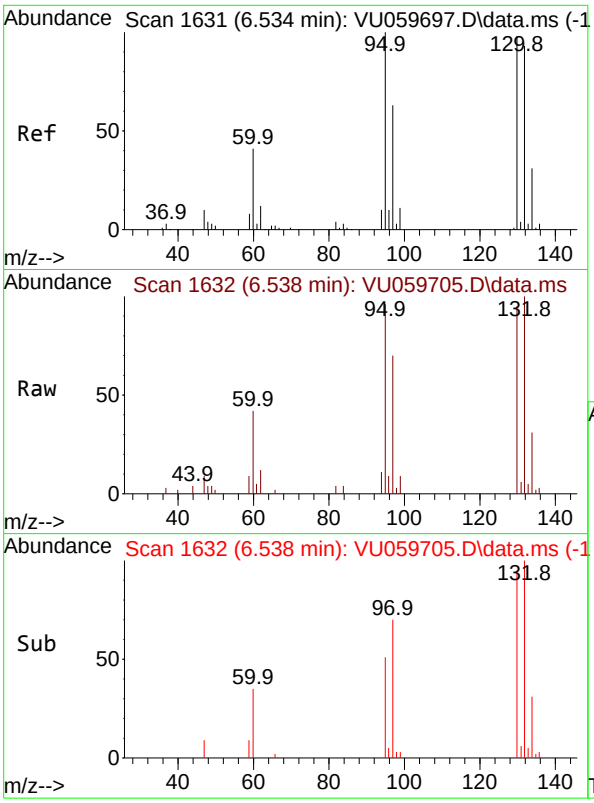


#22
cis-1,2-Dichloroethene
Concen: 0.524 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Tgt Ion: 96 Resp: 9080

Ion	Ratio	Lower	Upper
96	100		
61	114.9	87.4	162.2
98	62.7	42.3	78.5



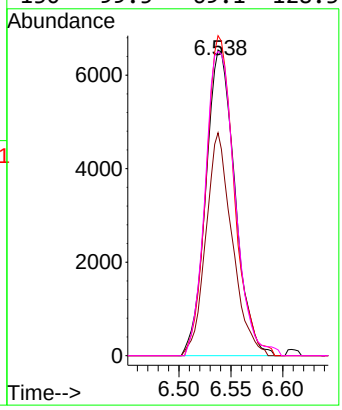


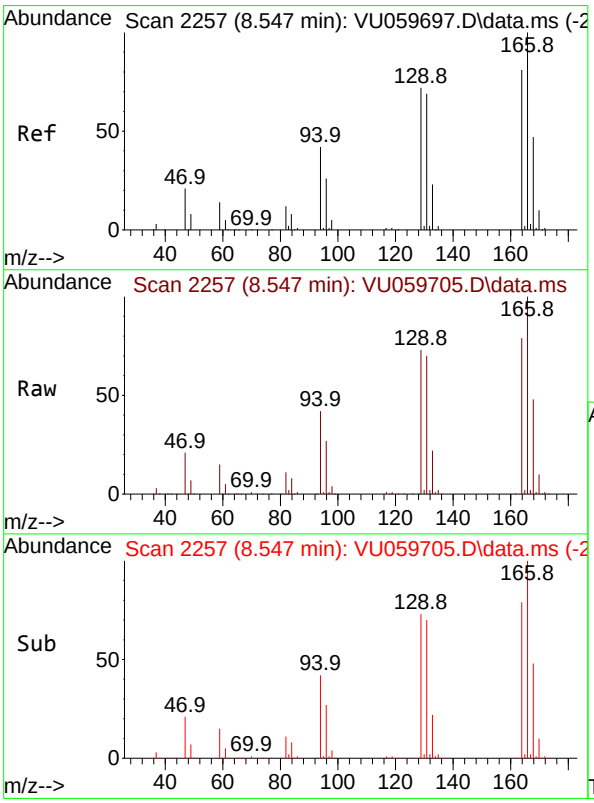
#34
Trichloroethene
Concen: 0.726 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Instrument :
MSVOA_U
ClientSampleId :
C0BH8

Tgt Ion: 95 Resp: 12728

Ion	Ratio	Lower	Upper
95	100		
97	72.9	45.3	84.1
132	104.7	64.0	119.0
130	99.5	69.1	128.3

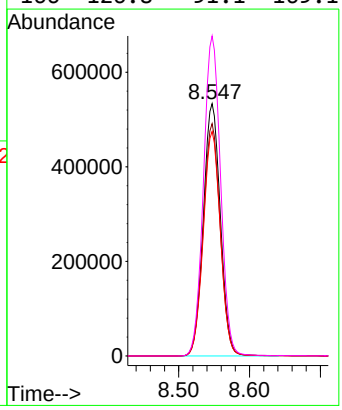


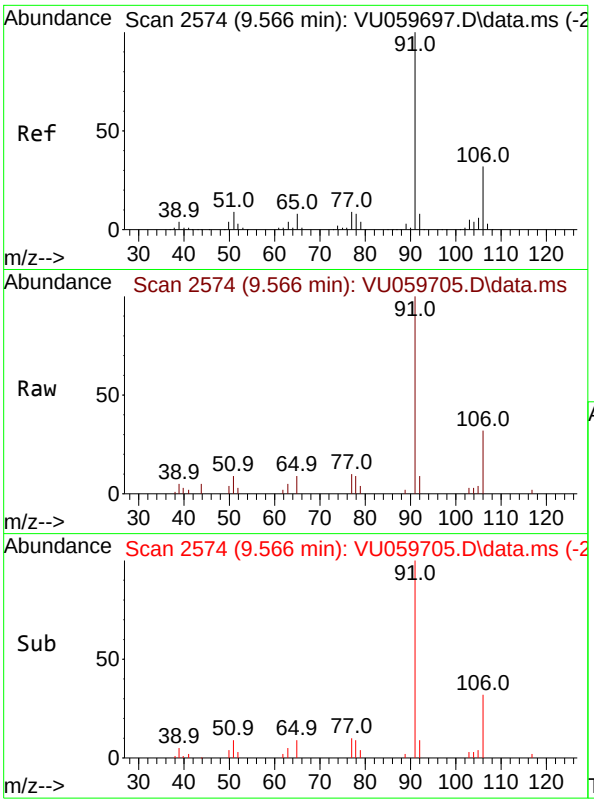


#47
Tetrachloroethene
Concen: 65.686 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Tgt Ion:164 Resp: 893138

Ion	Ratio	Lower	Upper
164	100		
129	92.1	70.8	131.4
131	89.0	64.8	120.3
166	126.8	91.1	169.1



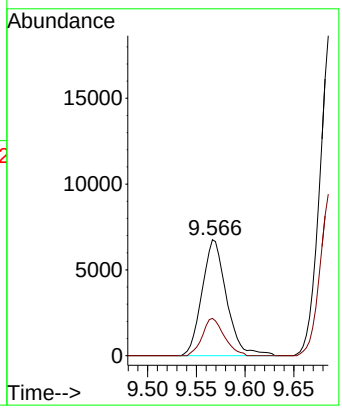


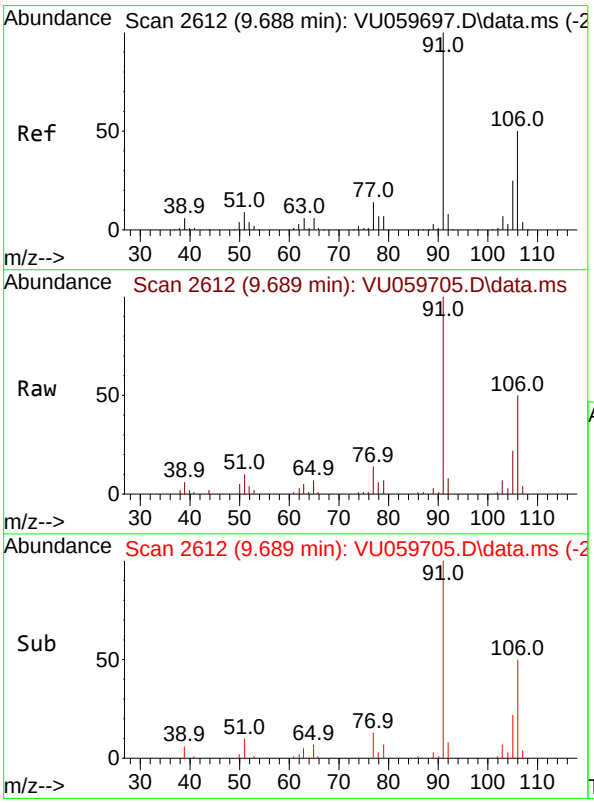
#52
Ethylbenzene
Concen: 0.168 ug/L
RT: 9.566 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Instrument :
MSVOA_U
ClientSampleId :
C0BH8

Tgt Ion: 91 Resp: 11818

Ion	Ratio	Lower	Upper
91	100		
106	32.1	20.9	38.7

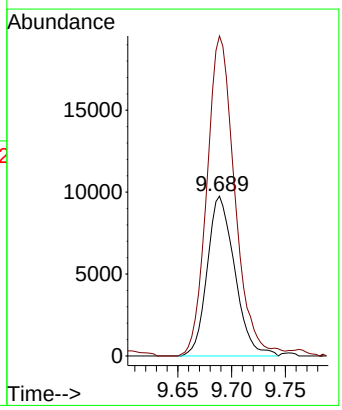


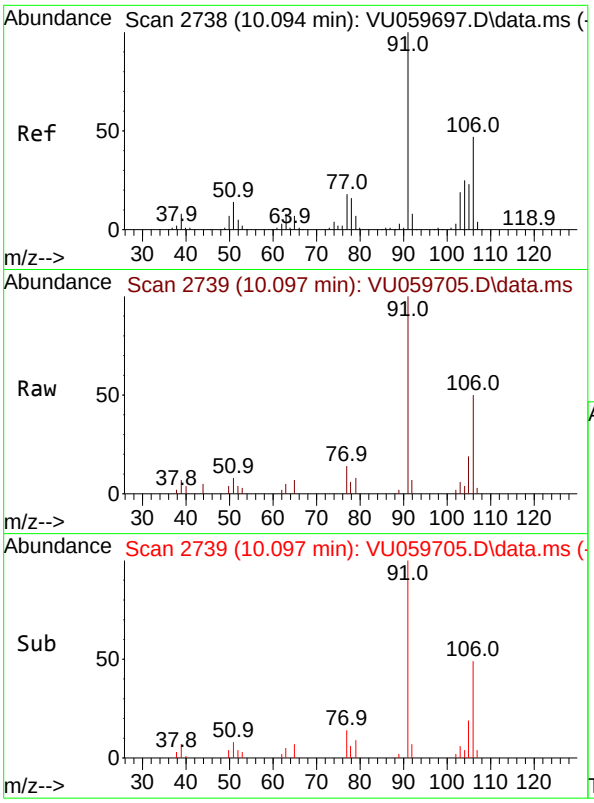


#53
m,p-Xylene
Concen: 0.642 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Tgt Ion:106 Resp: 17328

Ion	Ratio	Lower	Upper
106	100		
91	200.3	142.0	263.8



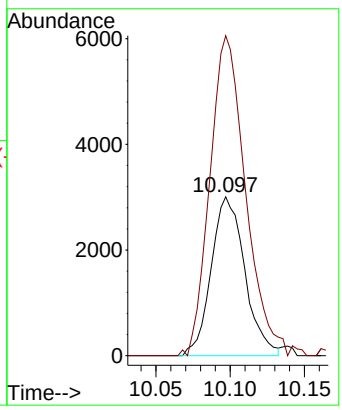


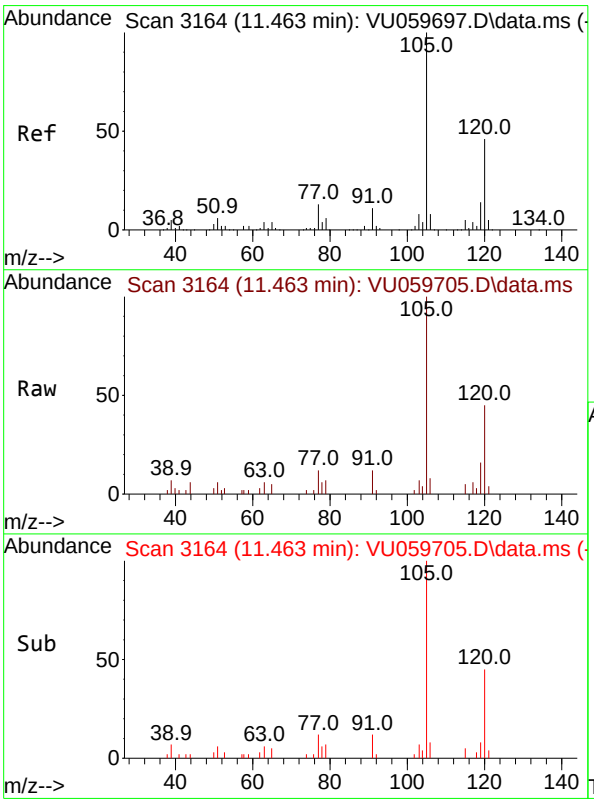
#54
o-Xylene
Concen: 0.185 ug/L
RT: 10.097 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Instrument :
MSVOA_U
ClientSampleId :
C0BH8

Tgt Ion:106 Resp: 4731

Ion	Ratio	Lower	Upper
106	100		
91	201.4	151.6	281.6





#63
1,2,4-Trimethylbenzene
Concen: 0.264 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Tgt Ion:105 Resp: 13003

Ion	Ratio	Lower	Upper
105	100		
120	46.4	35.4	53.0