Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071724\
Data File : VU059995.D
Acq On : 17 Jul 2024 15:19
Operator : MD/SY
Sample : P3260-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 18 02:49:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 02:31:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	210420	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93295	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53758	39.790	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.580%			
7) Chloroethane-d5	1.904	69	50035	44.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.060%			
11) 1,1-Dichloroethene-d2	2.560	63	71166	29.650	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.300%#			
21) 2-Butanone-d5	4.615	46	101576	108.184	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.180%			
24) Chloroform-d	5.055	84	122580	46.852	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.700%			
26) 1,2-Dichloroethane-d4	5.695	65	75013	48.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.440%			
32) Benzene-d6	5.721	84	233157	42.258	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.520%			
36) 1,2-Dichloropropane-d6	6.682	67	79395	46.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.980%			
41) Toluene-d8	7.891	98	195850	37.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.660%#			
43) trans-1,3-Dichloroprop...	8.174	79	30956	38.740	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.480%			
47) 2-Hexanone-d5	8.627	63	64833	90.088	ug/L	-0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.090%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	133613	50.978	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.960%			
66) 1,2-Dichlorobenzene-d4	12.187	152	81737	47.677	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.360%			
Target Compounds						Qvalue
35) Methylcyclohexane	6.682	83	18891	8.810	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	7842	4.897	ug/L #	88
38) Bromodichloromethane	7.100	83	5583	2.751	ug/L	96
46) Tetrachloroethene	8.547	164	19726	15.443	ug/L	90
49) Dibromochloromethane	8.804	129	9724	5.884	ug/L	95
54) o-Xylene	10.097	106	11636	4.582	ug/L	87
59) Bromoform	10.287	173	4876	4.322	ug/L #	99

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

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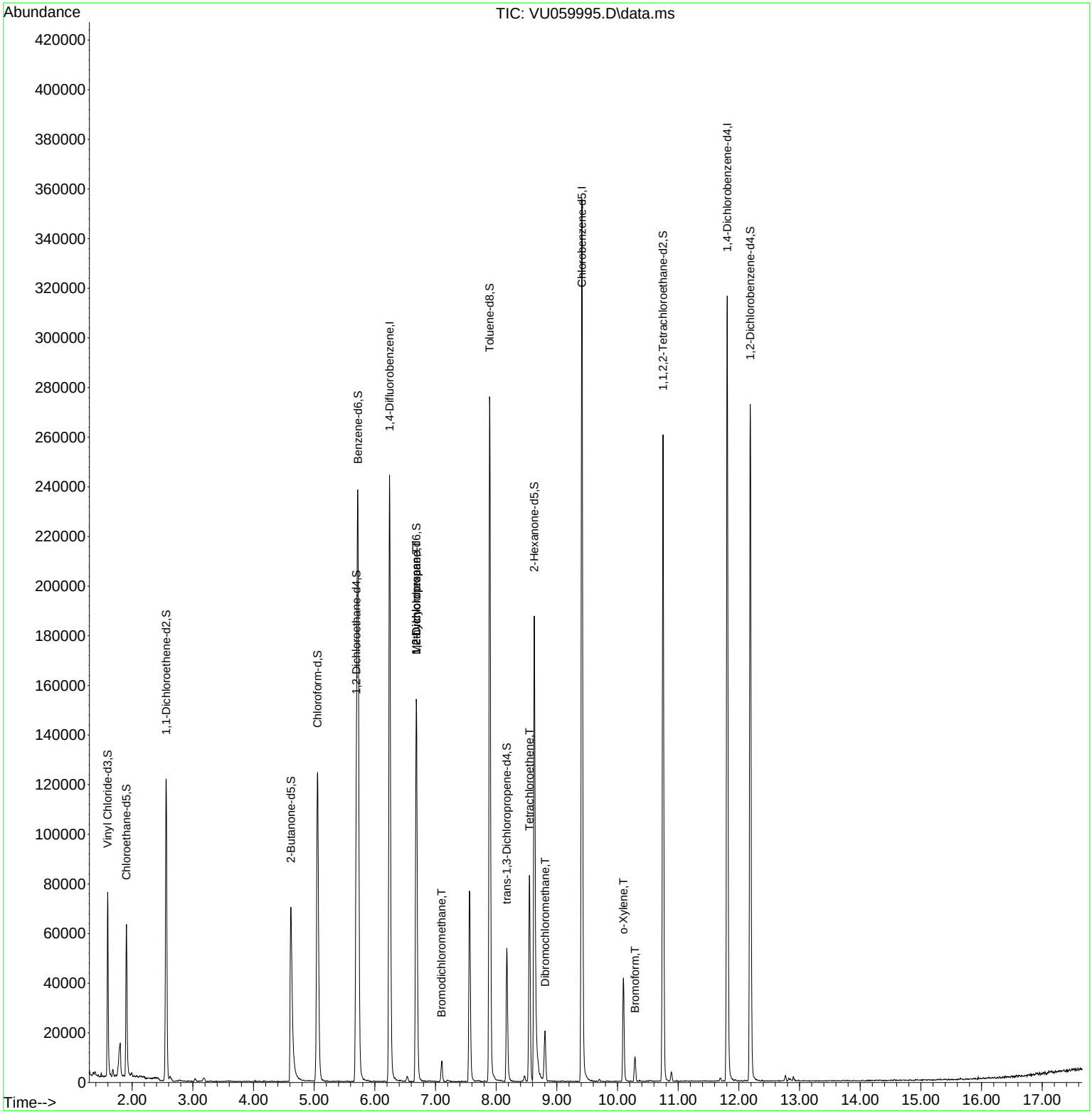
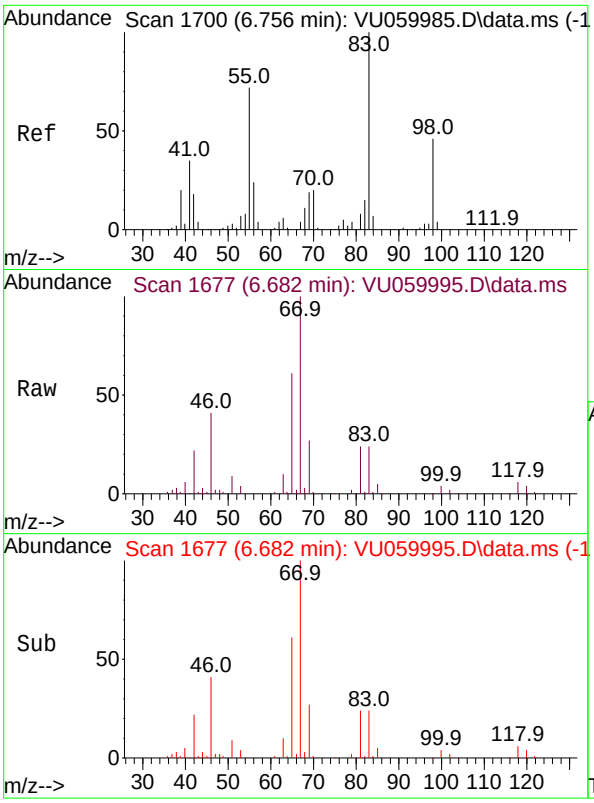


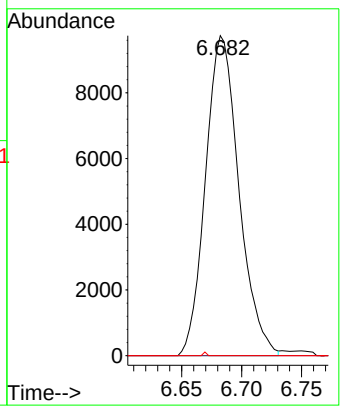


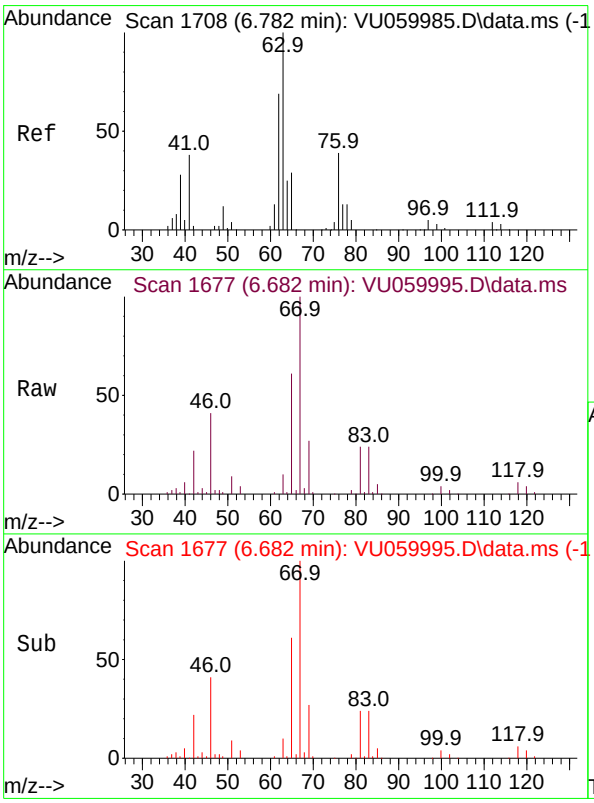
#35
Methylcyclohexane
Concen: 8.810 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU059995.D
Acq: 17 Jul 2024 15:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 18891

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.8	85.2#
98	0.5	36.5	54.7#

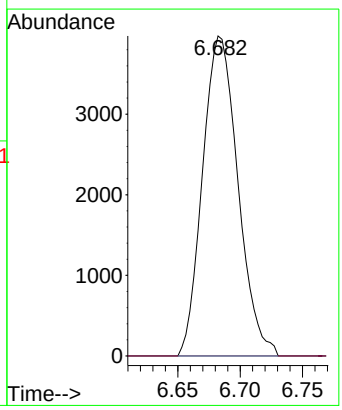


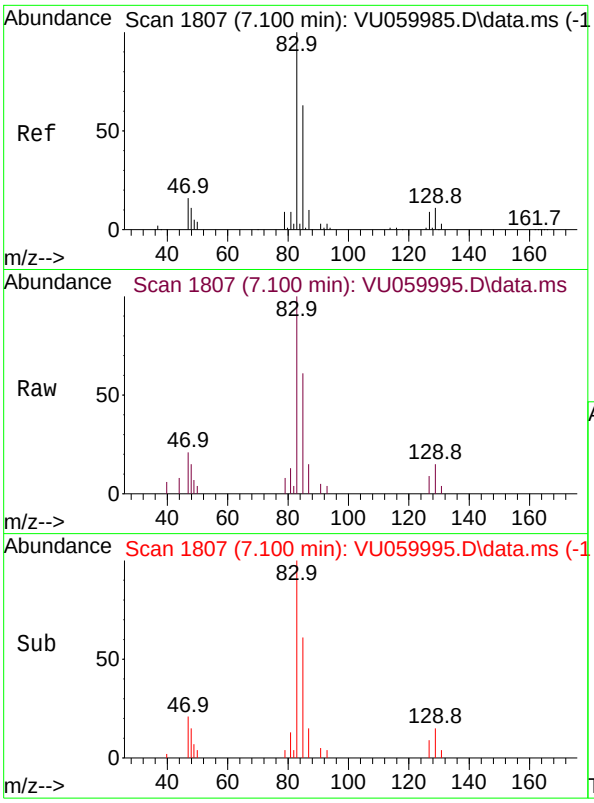


#37
1,2-Dichloropropane
Concen: 4.897 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU059995.D
Acq: 17 Jul 2024 15:19

Tgt Ion: 63 Resp: 7842

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



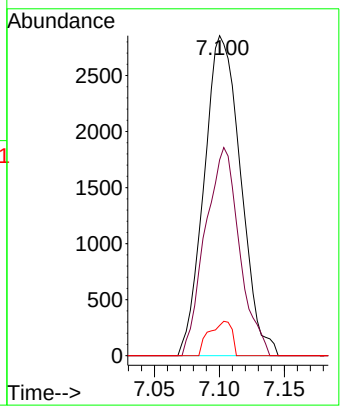


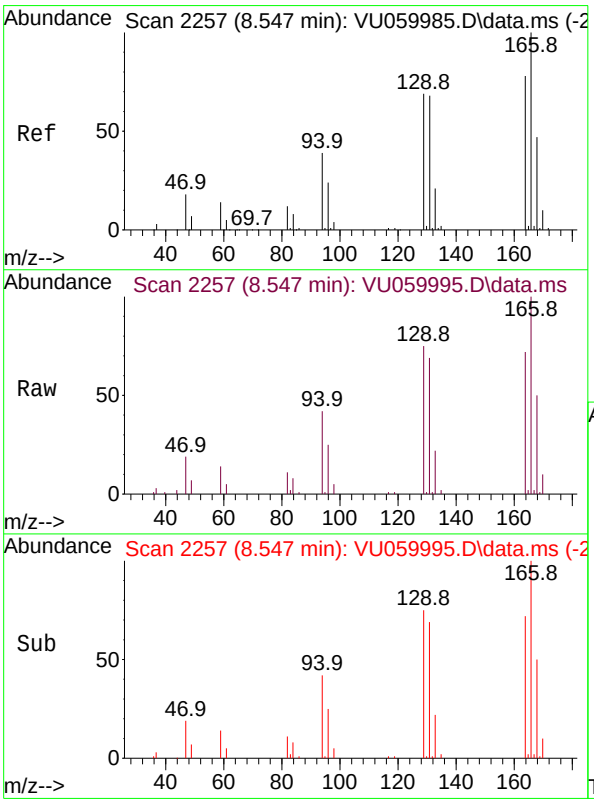
#38
Bromodichloromethane
Concen: 2.751 ug/L
RT: 7.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059995.D
Acq: 17 Jul 2024 15:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 5583

Ion	Ratio	Lower	Upper
83	100		
85	61.2	45.0	83.6
127	9.5	7.4	11.2

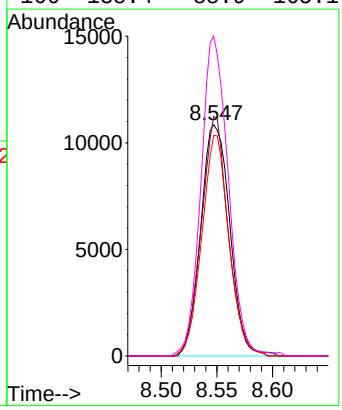


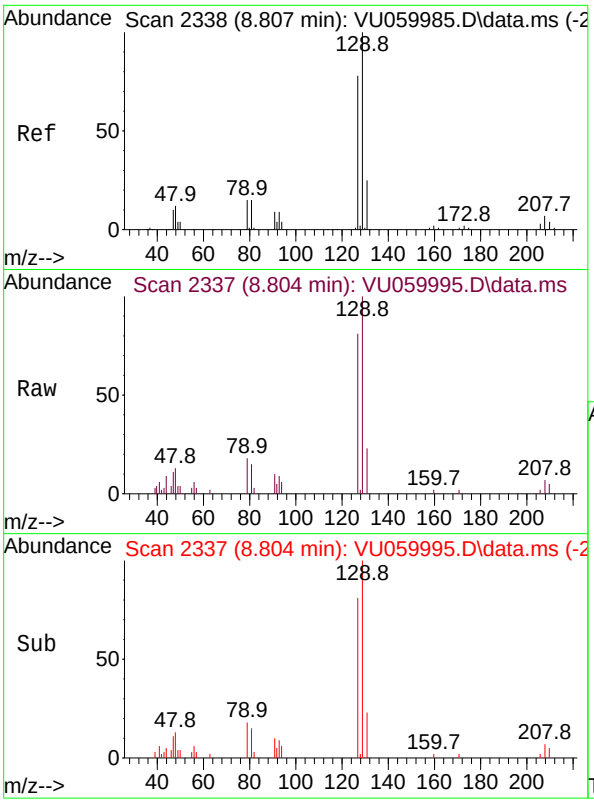


#46
Tetrachloroethene
Concen: 15.443 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059995.D
Acq: 17 Jul 2024 15:19

Tgt Ion:164 Resp: 19726

Ion	Ratio	Lower	Upper
164	100		
129	103.6	62.7	116.5
131	95.4	62.3	115.7
166	138.4	88.9	165.1



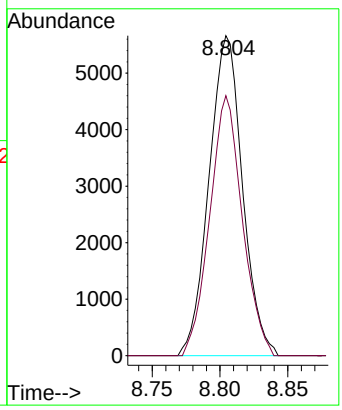


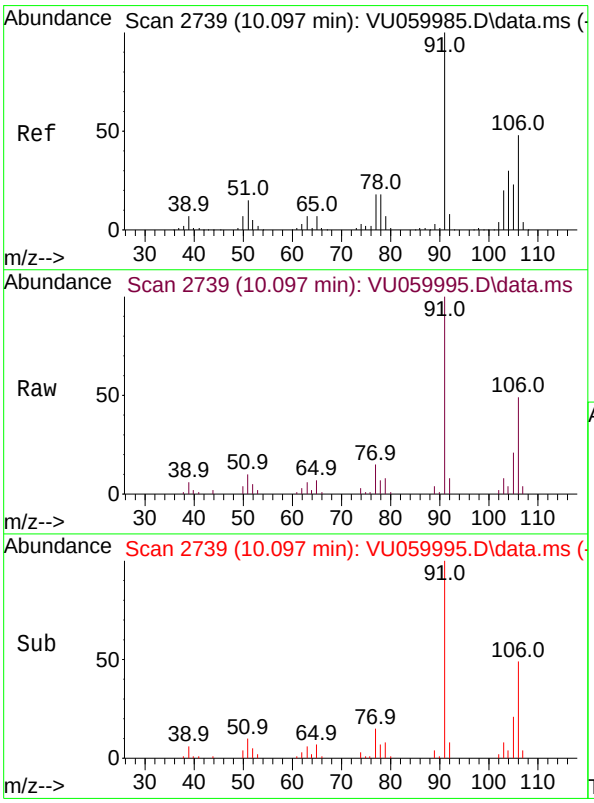
#49
Dibromochloromethane
Concen: 5.884 ug/L
RT: 8.804 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU059995.D
Acq: 17 Jul 2024 15:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 9724

Ion	Ratio	Lower	Upper
129	100		
127	81.3	54.0	100.2

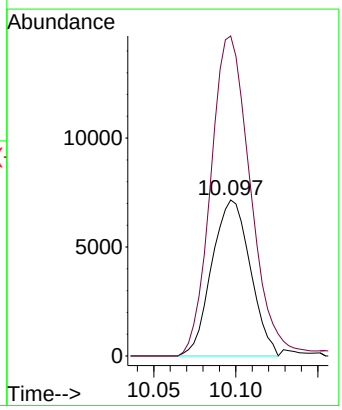


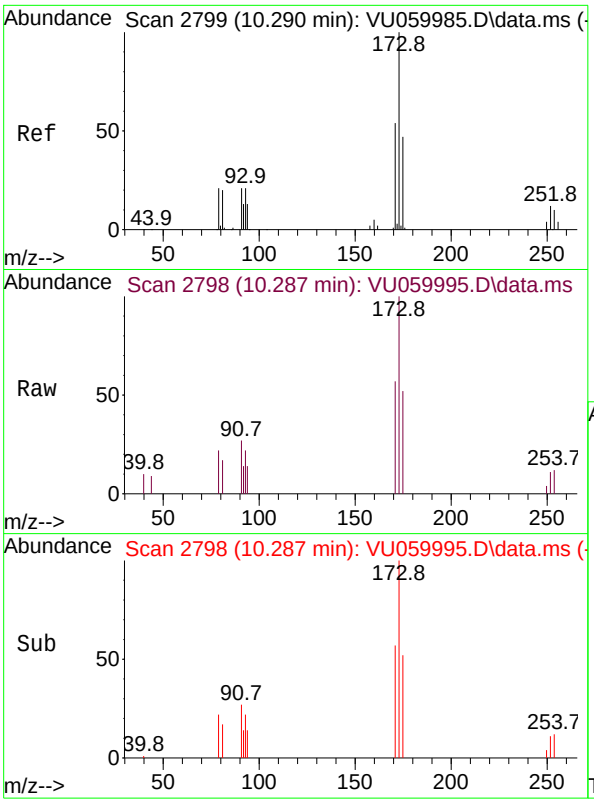


#54
o-Xylene
Concen: 4.582 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU059995.D
Acq: 17 Jul 2024 15:19

Tgt Ion:106 Resp: 11636

Ion	Ratio	Lower	Upper
106	100		
91	190.3	147.4	273.8





#59
Bromoform
Concen: 4.322 ug/L
RT: 10.287 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU059995.D
Acq: 17 Jul 2024 15:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:173 Resp: 4876

Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.4	59.2
254	8.6	9.0	13.4#