Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059778.D
Acq On : 03 Jul 2024 07:30
Operator : MD/SY
Sample : P3122-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Quant Time: Jul 04 00:55:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 06:10:28 2024
Response via : Initial Calibration

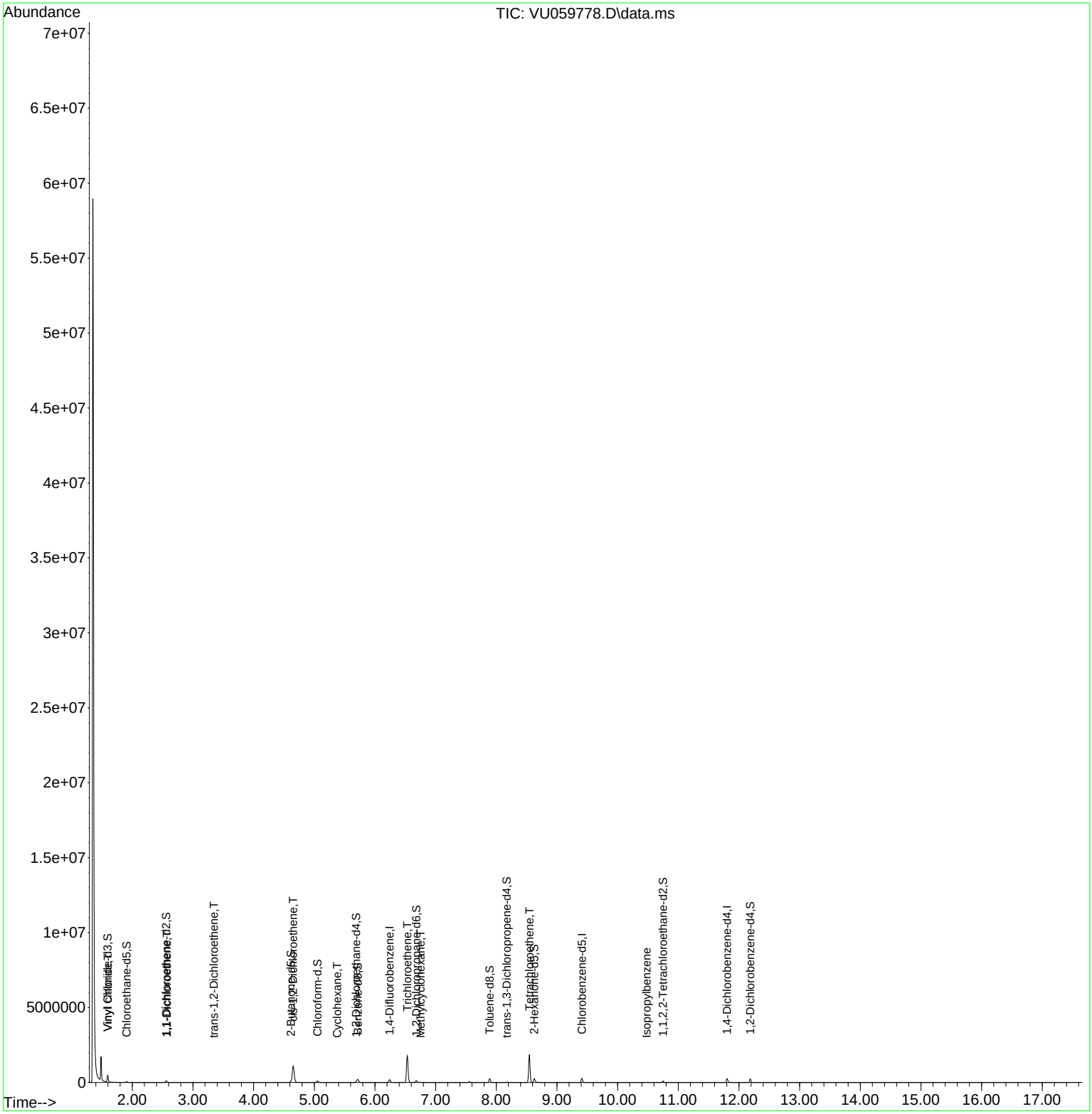
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	170092	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	173079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	56344	4.764	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.200%			
7) Chloroethane-d5	1.907	69	47379	4.163	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.200%			
11) 1,1-Dichloroethene-d2	2.560	65	20472	4.172	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.400%			
20) 2-Butanone-d5	4.618	46	109890	45.106	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.220%			
24) Chloroform-d	5.052	84	101204	4.169	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.400%			
26) 1,2-Dichloroethane-d4	5.692	65	48654	4.161	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.200%			
32) Benzene-d6	5.717	84	208473	4.377	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.600%			
36) 1,2-Dichloropropane-d6	6.682	67	66013	4.523	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.400%			
41) Toluene-d8	7.891	98	185239	4.183	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.600%			
43) trans-1,3-Dichloroprop...	8.174	79	20769	4.544	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.800%			
46) 2-Hexanone-d5	8.627	63	95251	50.156	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.320%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52541	4.357	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	68405	4.850	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	118156	6.895	ug/L	99
12) 1,1-Dichloroethene	2.573	96	4226	0.350	ug/L #	1
18) trans-1,2-Dichloroethene	3.348	96	1465	0.117	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	619227	44.779	ug/L	94
30) Cyclohexane	5.377	56	3971	0.225	ug/L	87
34) Trichloroethene	6.534	95	625064	43.913	ug/L	98
35) Methylcyclohexane	6.753	83	8329	0.411	ug/L	95
47) Tetrachloroethene	8.547	164	422346	38.238	ug/L	96
60) Isopropylbenzene	10.479	105	10674	0.218	ug/L	98

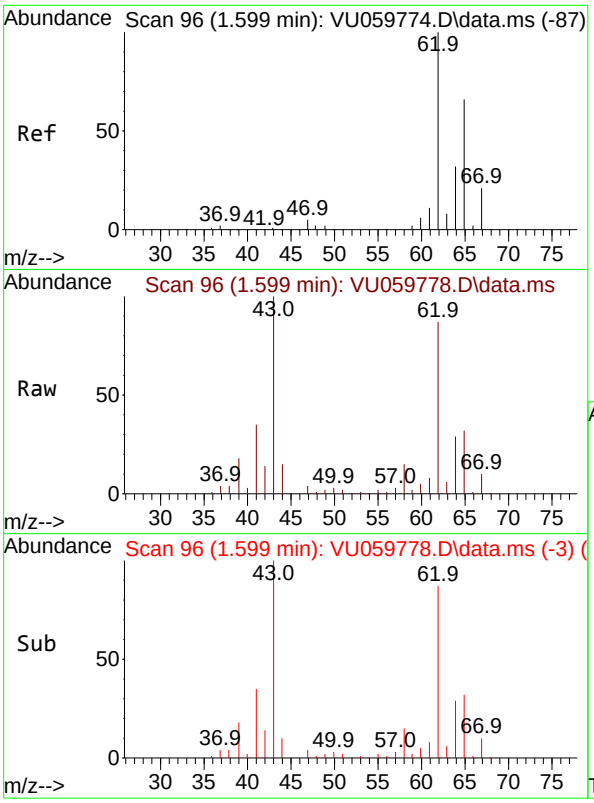
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059778.D
Acq On : 03 Jul 2024 07:30
Operator : MD/SY
Sample : P3122-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Quant Time: Jul 04 00:55:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 06:10:28 2024
Response via : Initial Calibration



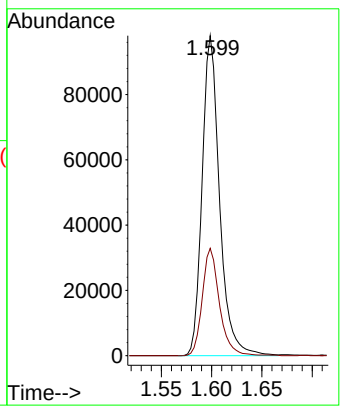


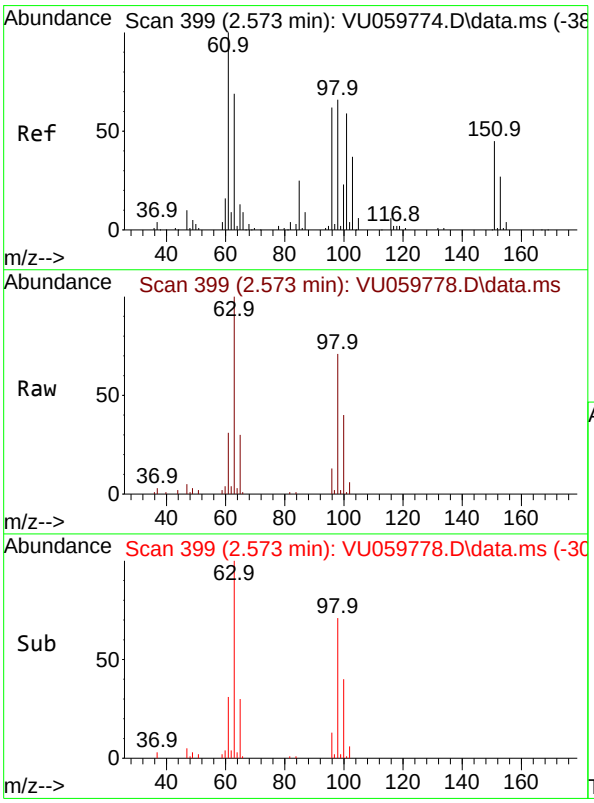
#5
Vinyl chloride
Concen: 6.895 ug/L
RT: 1.599 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Tgt Ion: 62 Resp: 118156

Ion	Ratio	Lower	Upper
62	100		
64	33.5	23.1	42.9

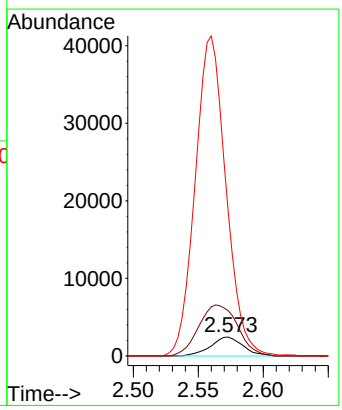


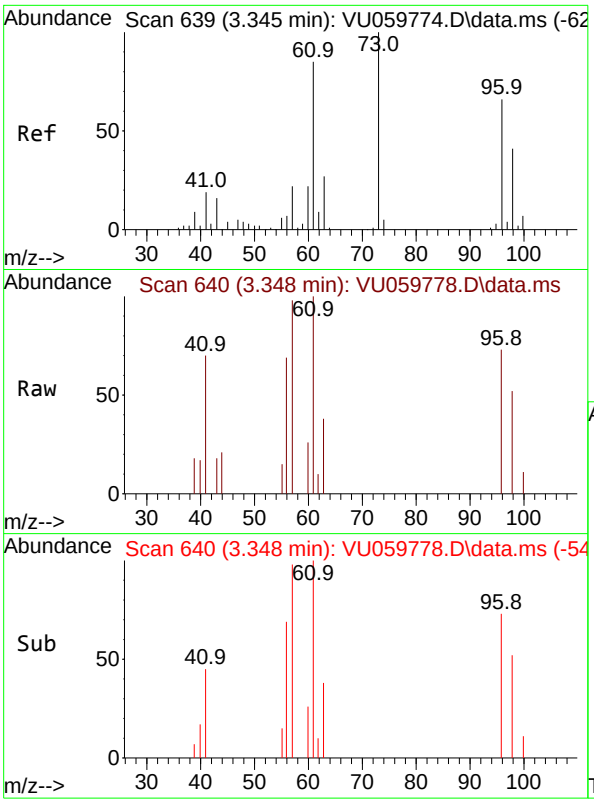


#12
1,1-Dichloroethene
Concen: 0.350 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Tgt Ion: 96 Resp: 4226

Ion	Ratio	Lower	Upper
96	100		
61	239.1	122.9	228.3#
63	765.9	80.4	149.4#



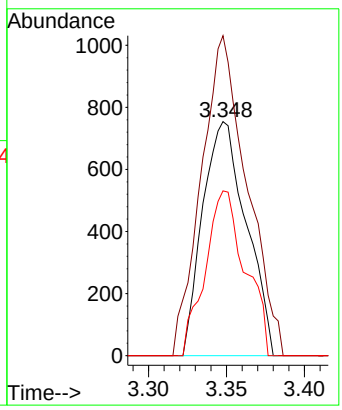


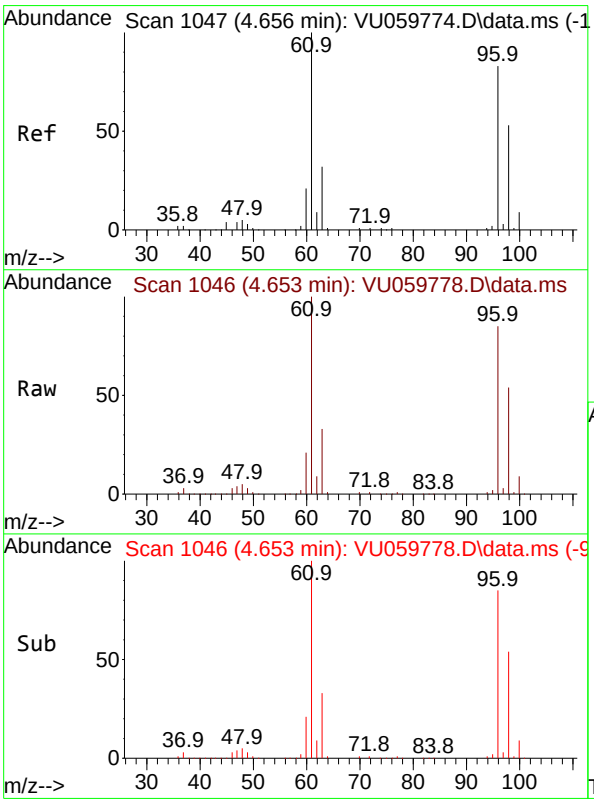
#18
trans-1,2-Dichloroethene
Concen: 0.117 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Tgt Ion: 96 Resp: 1465

Ion	Ratio	Lower	Upper
96	100		
61	136.7	101.8	189.0
98	70.4	43.3	80.5

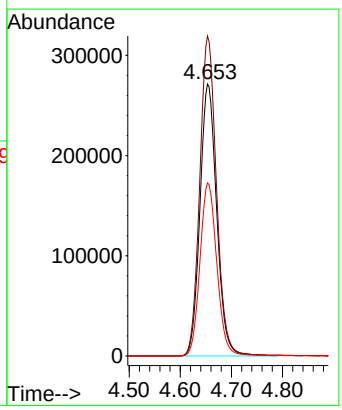


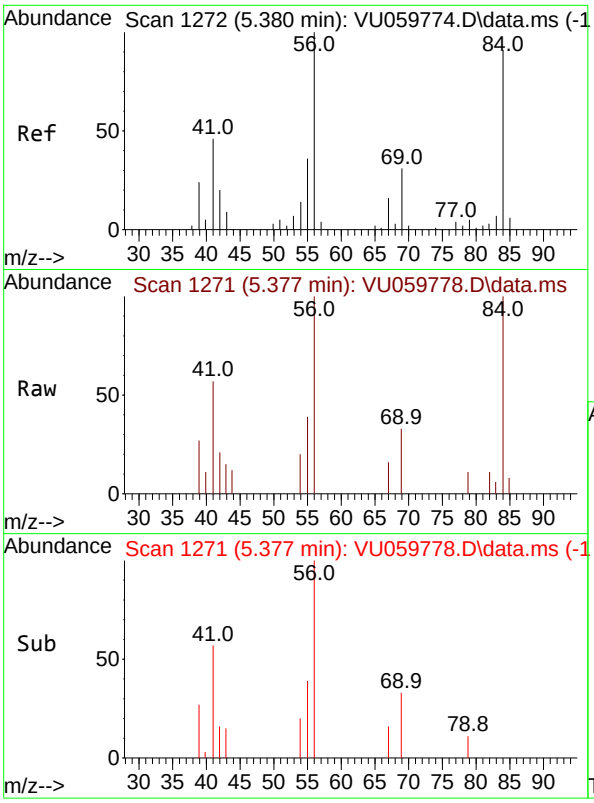


#22
cis-1,2-Dichloroethene
Concen: 44.779 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Tgt Ion: 96 Resp: 619227

Ion	Ratio	Lower	Upper
96	100		
61	117.7	87.4	162.2
98	63.7	42.3	78.5



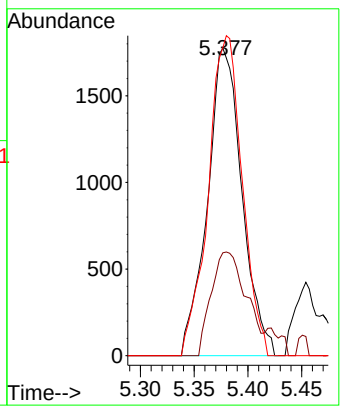


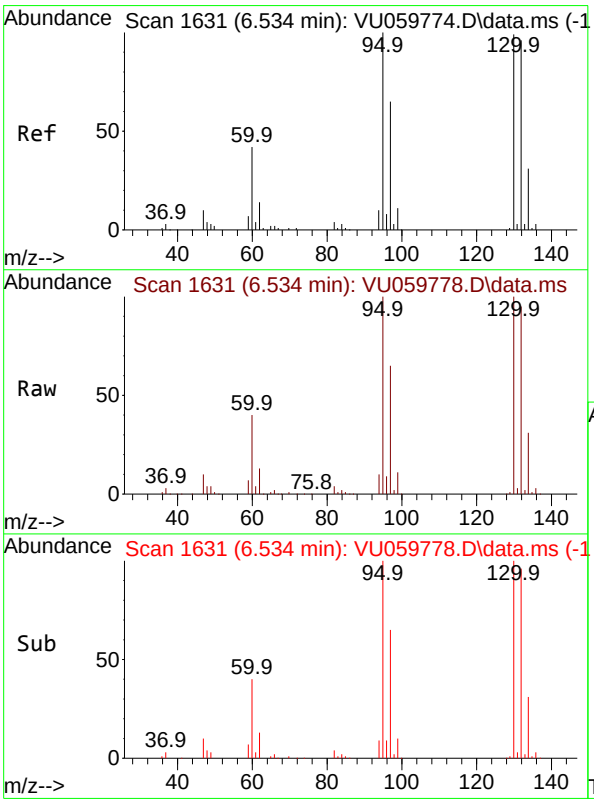
#30
Cyclohexane
Concen: 0.225 ug/L
RT: 5.377 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Tgt Ion: 56 Resp: 3971

Ion	Ratio	Lower	Upper
56	100		
69	34.6	24.8	37.2
84	101.9	69.8	104.8

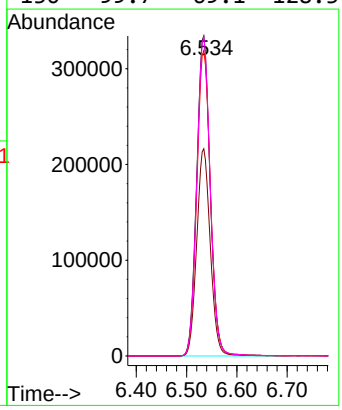


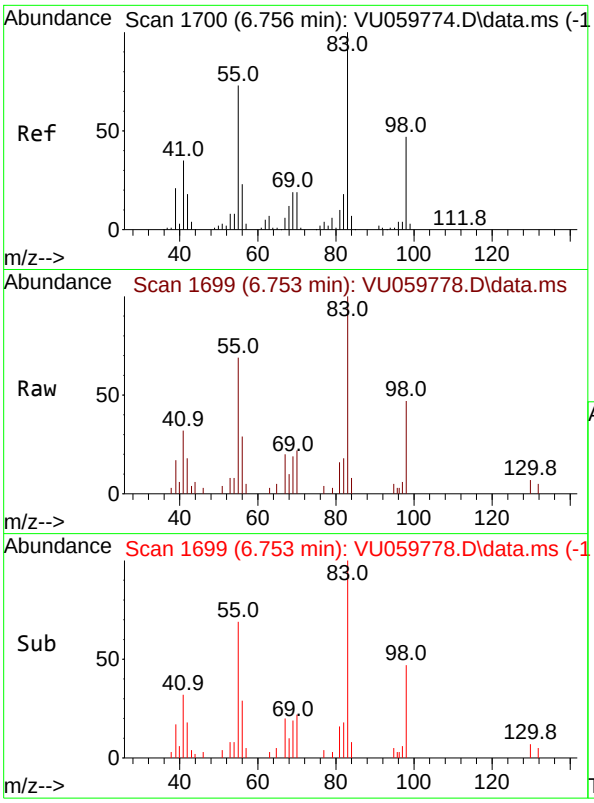


#34
Trichloroethene
Concen: 43.913 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Tgt Ion: 95 Resp: 625064

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.3	84.1
132	95.4	64.0	119.0
130	99.7	69.1	128.3



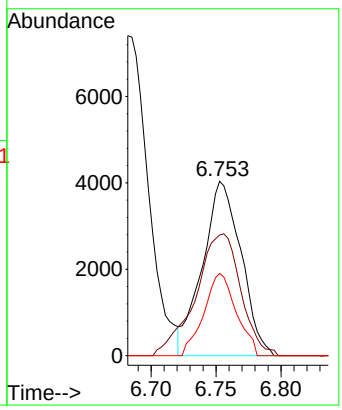


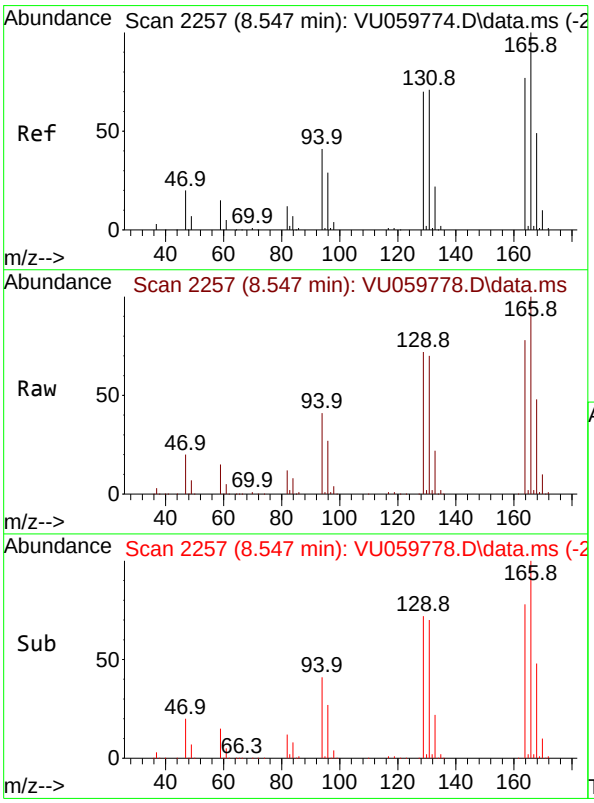
#35
Methylcyclohexane
Concen: 0.411 ug/L
RT: 6.753 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Tgt Ion: 83 Resp: 8329

Ion	Ratio	Lower	Upper
83	100		
55	81.7	62.7	94.1
98	39.6	35.4	53.0

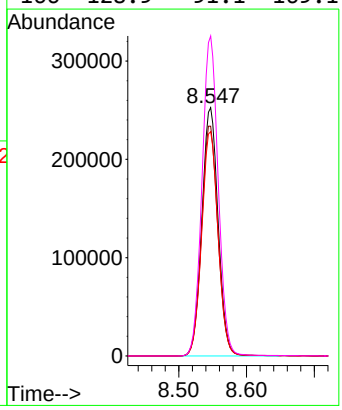


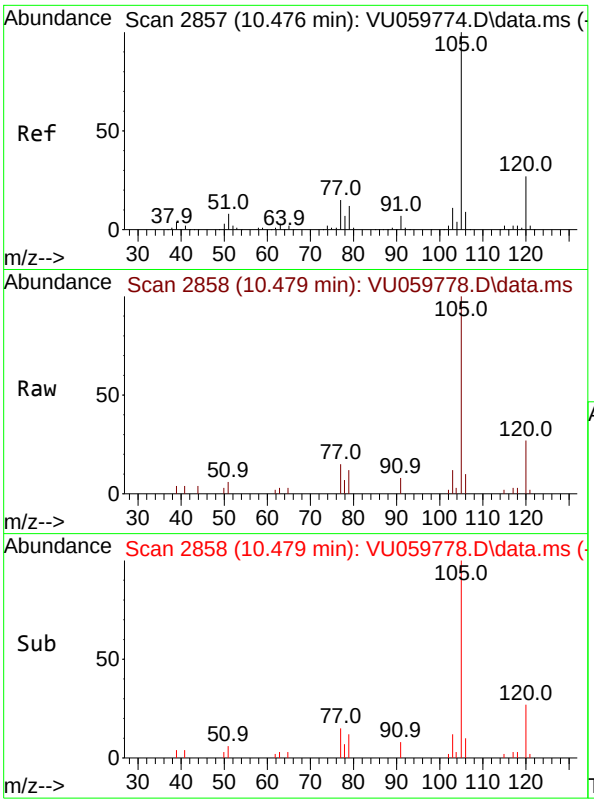


#47
Tetrachloroethene
Concen: 38.238 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Tgt Ion:164 Resp: 422346

Ion	Ratio	Lower	Upper
164	100		
129	92.5	70.8	131.4
131	90.3	64.8	120.3
166	128.9	91.1	169.1





#60
Isopropylbenzene
Concen: 0.218 ug/L
RT: 10.479 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU059778.D
Acq: 03 Jul 2024 07:30

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Tgt Ion:105 Resp: 10674

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.6	31.0
77	13.9	12.8	19.2