Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062758.D
Acq On : 15 Jan 2025 11:40
Operator : MD/SY
Sample : Q1059-03 20X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH8Z2

Quant Time: Jan 16 00:45:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 00:44:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	87852	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14767	3.035	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.600%			
7) Chloroethane-d5	1.904	69	14909	3.809	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.200%			
11) 1,1-Dichloroethene-d2	2.557	65	8537	3.387	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.800%			
20) 2-Butanone-d5	4.621	46	52728	53.023	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.040%			
24) Chloroform-d	5.049	84	53221	4.446	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
26) 1,2-Dichloroethane-d4	5.689	65	31163	4.799	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	5.714	84	86095	4.404	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.679	67	25842	4.768	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.400%			
41) Toluene-d8	7.888	98	75425	3.960	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.200%			
43) trans-1,3-Dichloroprop...	8.174	79	12686	4.696	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.000%			
46) 2-Hexanone-d5	8.627	63	45953	54.081	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.160%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23267	5.126	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.600%			
66) 1,2-Dichlorobenzene-d4	12.184	152	31208	4.634	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.596	62	2549	0.403	ug/L	86
12) 1,1-Dichloroethene	2.567	96	2193	0.402	ug/L #	1
13) Acetone	2.634	43	73523	93.331	ug/L	99
19) 1,1-Dichloroethane	3.866	63	1942	0.186	ug/L #	83
21) 2-Butanone	4.695	43	87986	83.864	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	33737	5.302	ug/L	98
34) Trichloroethene	6.534	95	6631	0.845	ug/L	95

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

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Instrument :
MSVOA_U
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BH8Z2

Quant Time: Jan 16 00:45:30 2025
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Quant Title : TRACE VOA SFAM1.0
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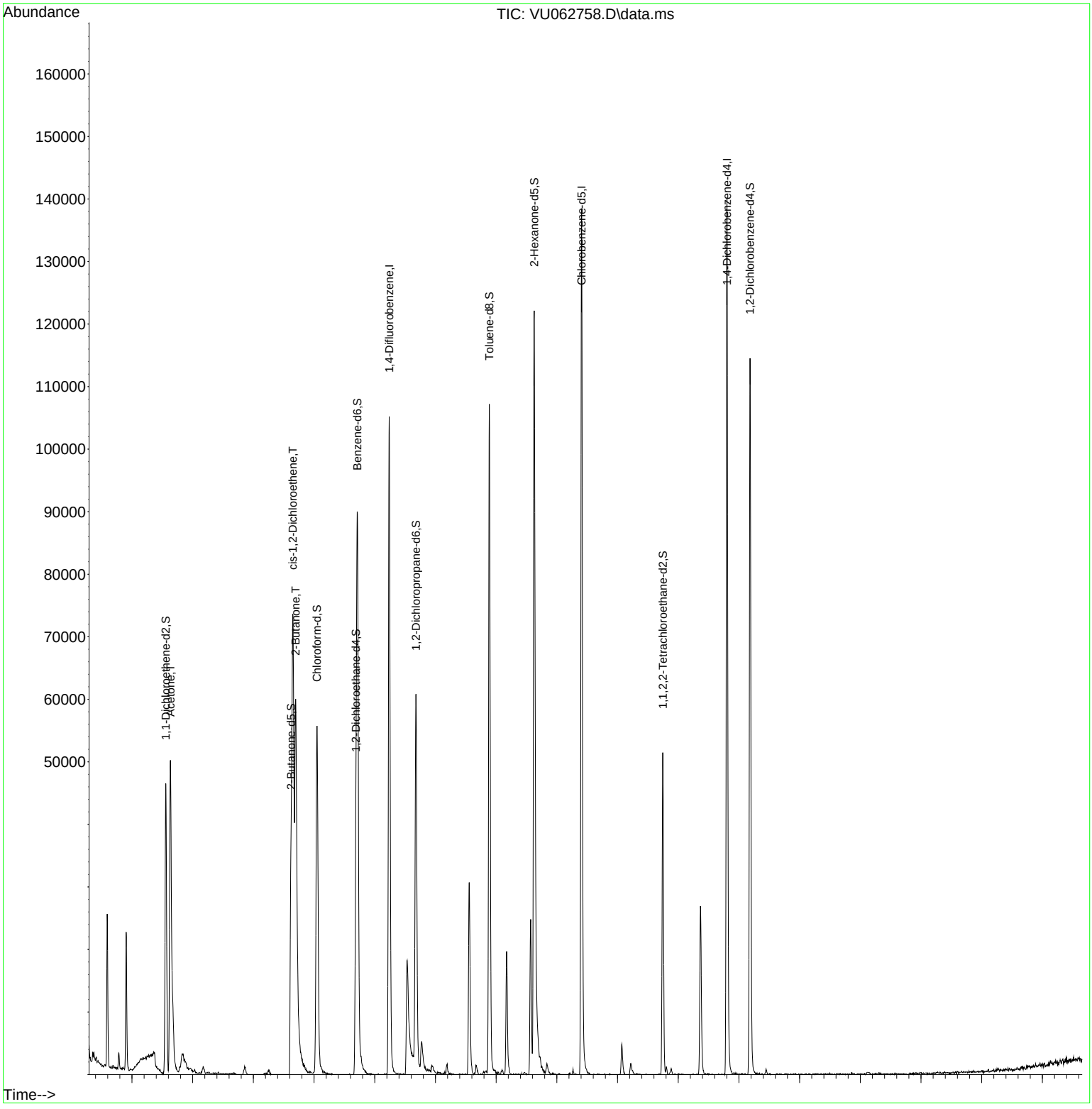
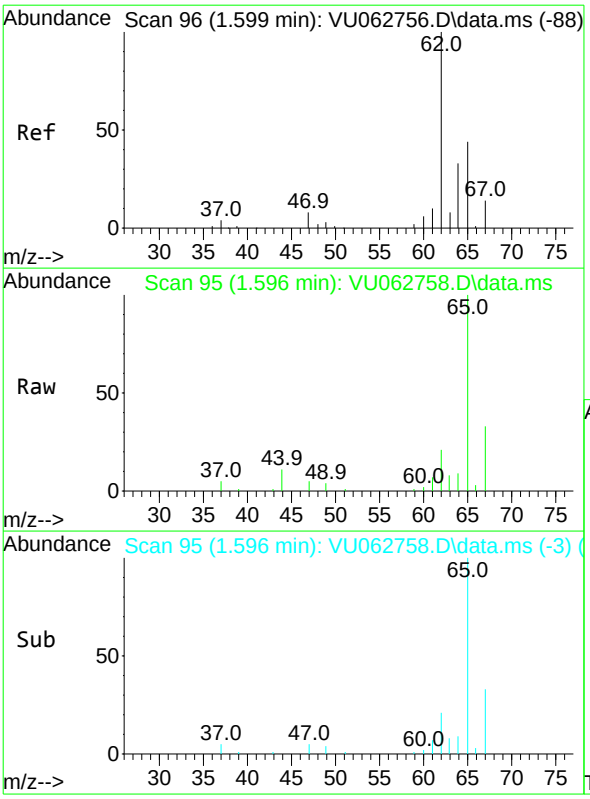


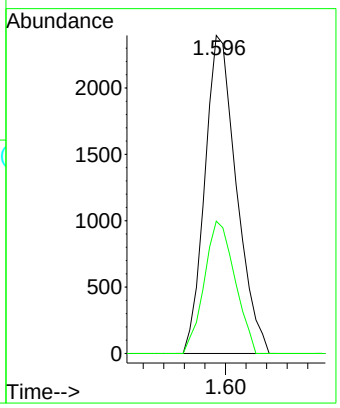


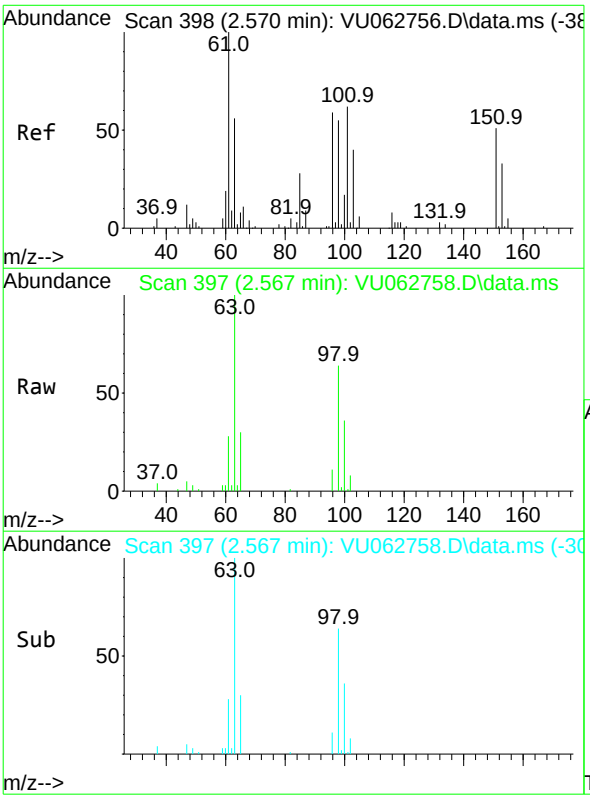
#5
Vinyl chloride
Concen: 0.403 ug/L
RT: 1.596 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU062758.D
Acq: 15 Jan 2025 11:40

Instrument :
MSVOA_U
ClientSampleId :
BH8Z2

Tgt Ion: 62 Resp: 2549

Ion	Ratio	Lower	Upper
62	100		
64	41.6	23.4	43.4

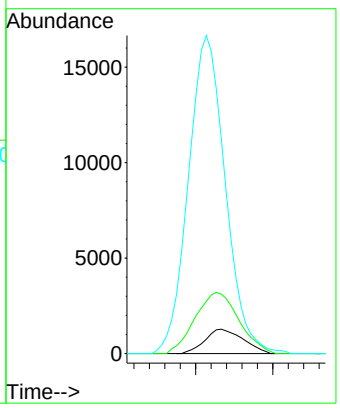


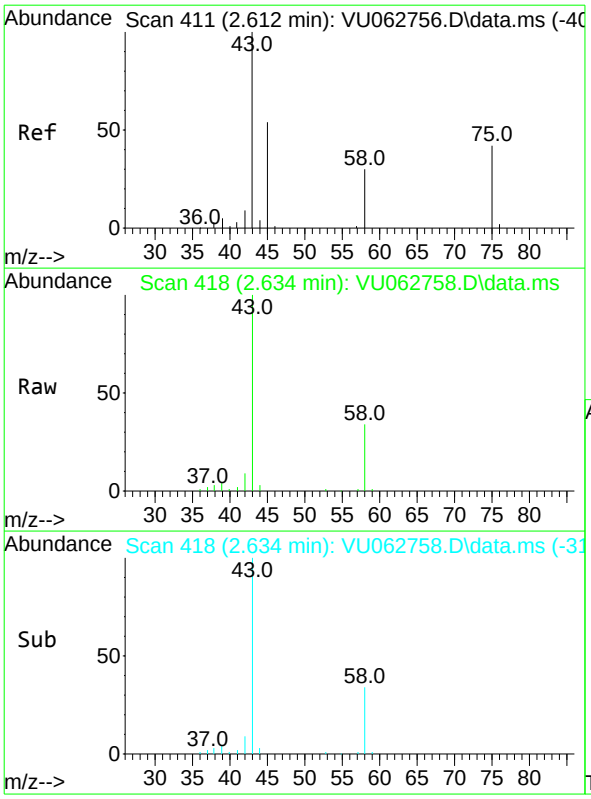


#12
1,1-Dichloroethene
Concen: 0.402 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU062758.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 96 Resp: 2193

Ion	Ratio	Lower	Upper
96	100		
61	243.5	120.4	223.6#
63	882.6	82.3	152.9#



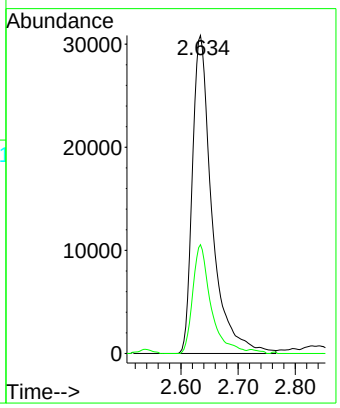


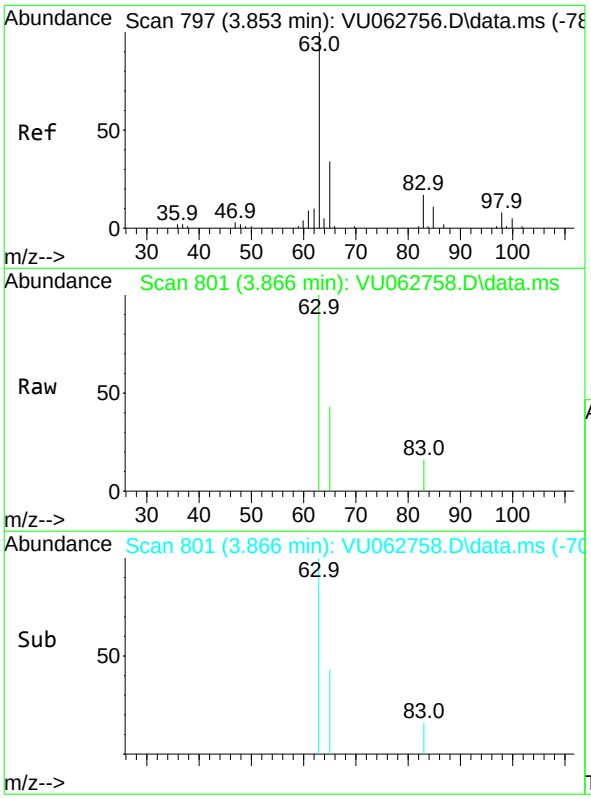
#13
Acetone
Concen: 93.331 ug/L
RT: 2.634 min Scan# 41
Delta R.T. 0.022 min
Lab File: VU062758.D
Acq: 15 Jan 2025 11:40

Instrument :
MSVOA_U
ClientSampleId :
BH8Z2

Tgt Ion: 43 Resp: 73523

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	64.4

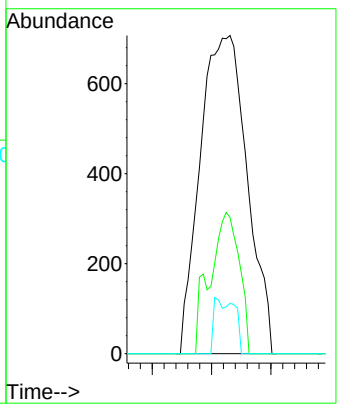


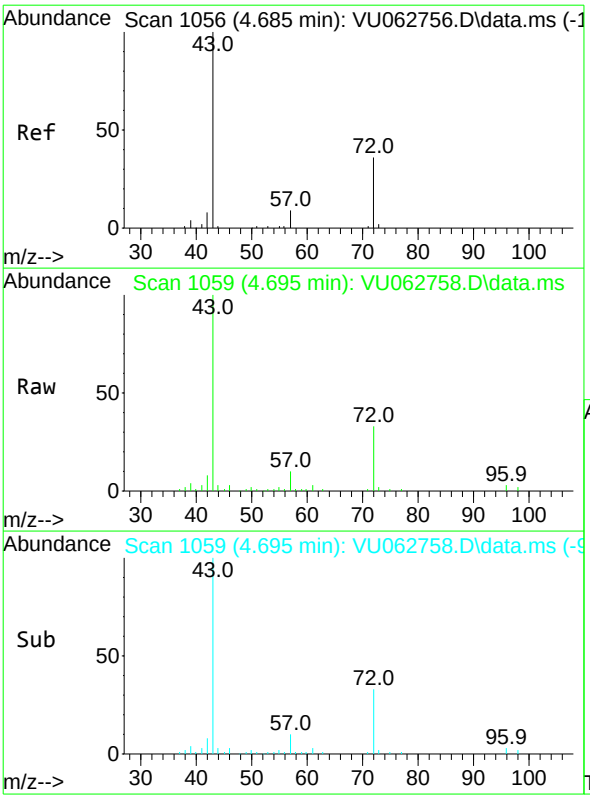


#19
1,1-Dichloroethane
Concen: 0.186 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.013 min
Lab File: VU062758.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 63 Resp: 1942

Ion	Ratio	Lower	Upper
63	100		
65	42.9	20.7	38.5#
83	15.8	10.5	19.5



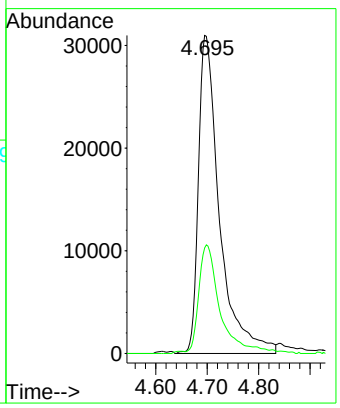


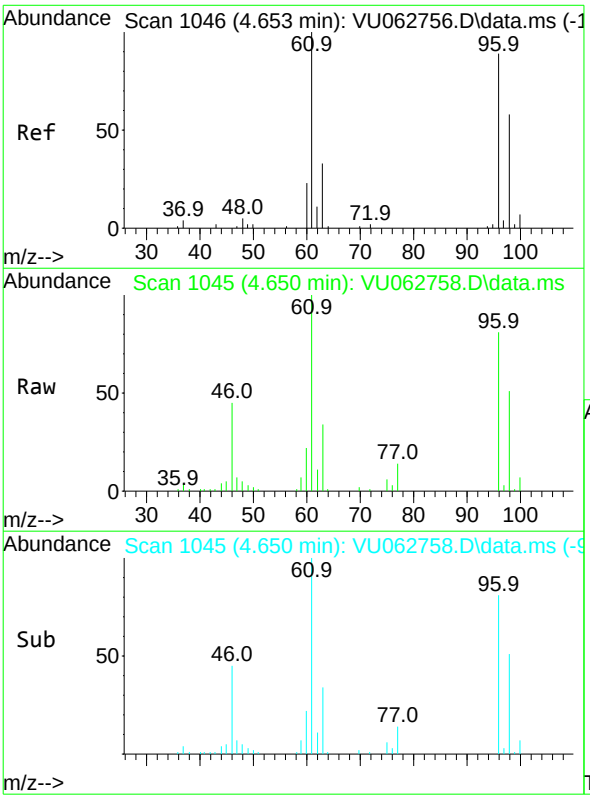
#21
2-Butanone
Concen: 83.864 ug/L
RT: 4.695 min Scan# 10
Delta R.T. 0.010 min
Lab File: VU062758.D
Acq: 15 Jan 2025 11:40

Instrument :
MSVOA_U
ClientSampleId :
BH8Z2

Tgt Ion: 43 Resp: 87986

Ion	Ratio	Lower	Upper
43	100		
72	32.3	17.1	51.2

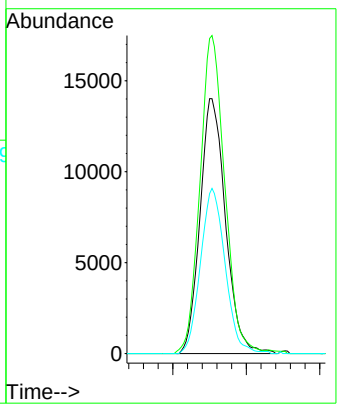


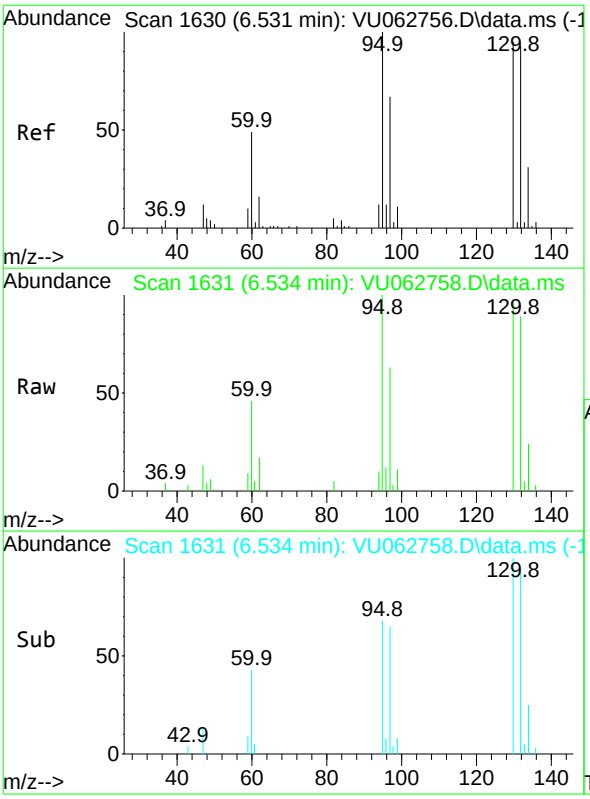


#22
cis-1,2-Dichloroethene
Concen: 5.302 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062758.D
Acq: 15 Jan 2025 11:40

Tgt Ion: 96 Resp: 33737

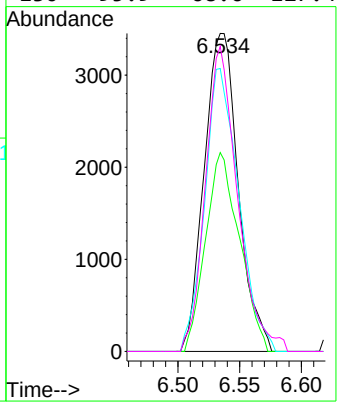
Ion	Ratio	Lower	Upper
96	100		
61	123.6	84.8	157.6
98	62.8	43.1	80.1





#34
Trichloroethene
Concen: 0.845 ug/L
RT: 6.534 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU062758.D
Acq: 15 Jan 2025 11:40

Instrument :
MSVOA_U
ClientSampleId :
BH8Z2

Tgt Ion: 95 Resp: 6631

Ion	Ratio	Lower	Upper
95	100		
97	62.5	47.5	88.3
132	89.0	66.9	124.3
130	95.9	68.6	127.4