Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062861.D
Acq On : 17 Jan 2025 10:56
Operator : MD/SY
Sample : Q1057-20DL 4X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 17 21:55:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 21:53:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39405	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20527	4.108	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.200%			
7) Chloroethane-d5	1.904	69	18440	4.588	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.557	65	11276	4.357	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.200%			
20) 2-Butanone-d5	4.605	46	52758	51.666	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.340%			
24) Chloroform-d	5.045	84	59262	4.821	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.688	65	35139	5.270	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.400%			
32) Benzene-d6	5.714	84	99134	4.847	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
36) 1,2-Dichloropropane-d6	6.679	67	27851	4.912	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.200%			
41) Toluene-d8	7.888	98	90673	4.551	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.000%			
43) trans-1,3-Dichloroprop...	8.174	79	14070	4.978	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.600%			
46) 2-Hexanone-d5	8.621	63	42375	47.669	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.340%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24164	5.089	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.800%			
66) 1,2-Dichlorobenzene-d4	12.183	152	35651	5.438	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	4469	0.688	ug/L #	1
12) 1,1-Dichloroethene	2.570	96	9056	1.617	ug/L #	37
19) 1,1-Dichloroethane	3.856	63	4094	0.382	ug/L	89
21) 2-Butanone	4.695	43	10143	9.415	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	37571	5.750	ug/L	98
34) Trichloroethene	6.534	95	11151	1.358	ug/L	92
35) Methylcyclohexane	6.679	83	7881	0.780	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	3776	0.666	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3814	1.091	ug/L #	57

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

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ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
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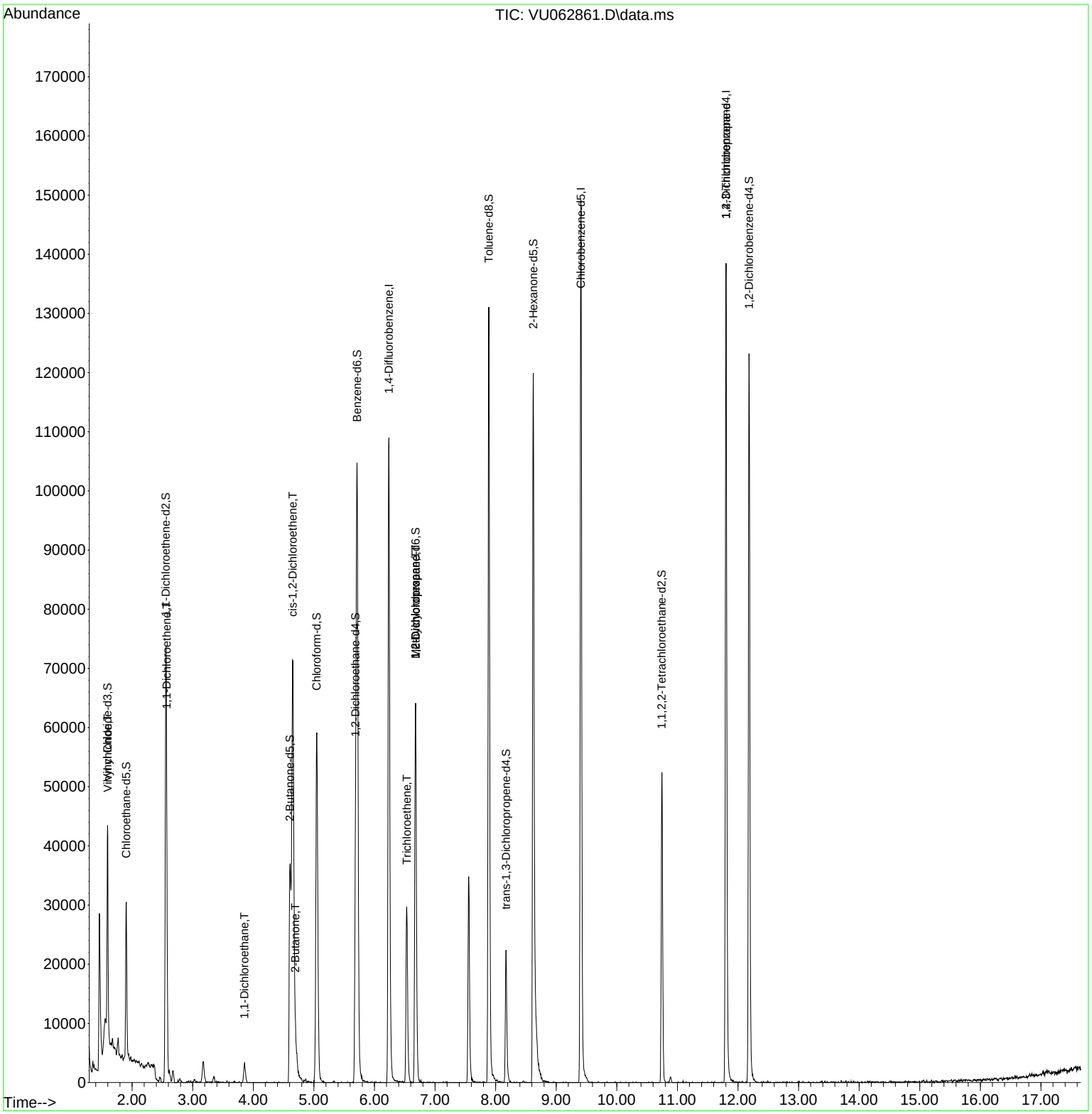
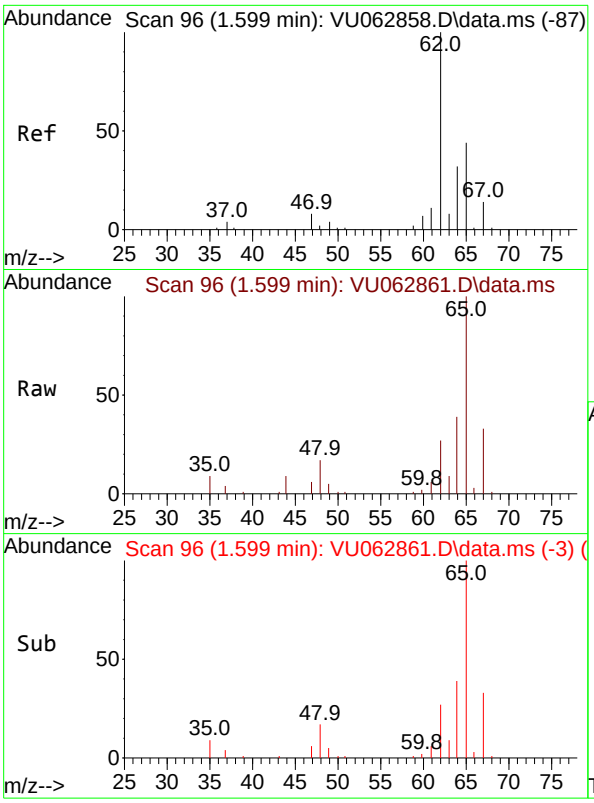


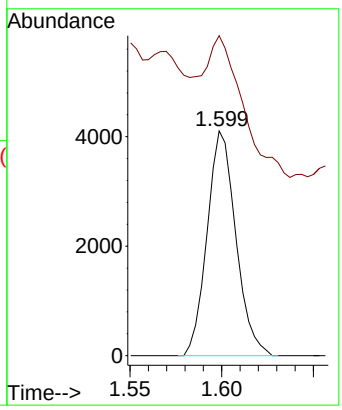


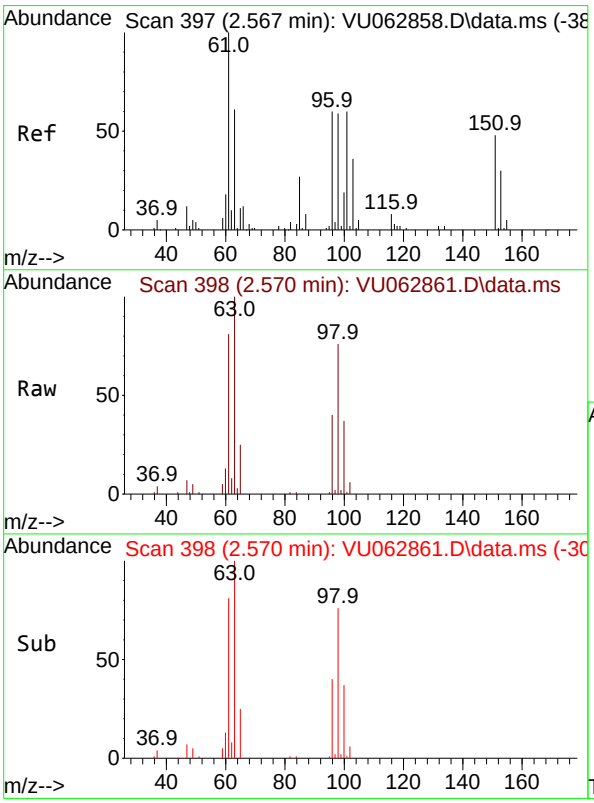
#5
Vinyl chloride
Concen: 0.688 ug/L
RT: 1.599 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU062861.D
Acq: 17 Jan 2025 10:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 4469

Ion	Ratio	Lower	Upper
62	100		
64	142.4	23.4	43.4#

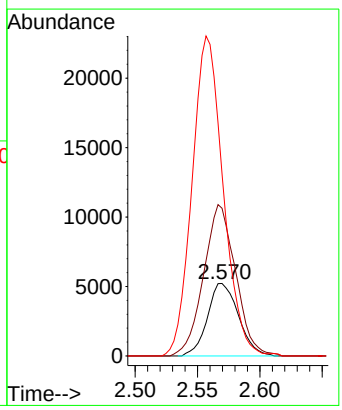


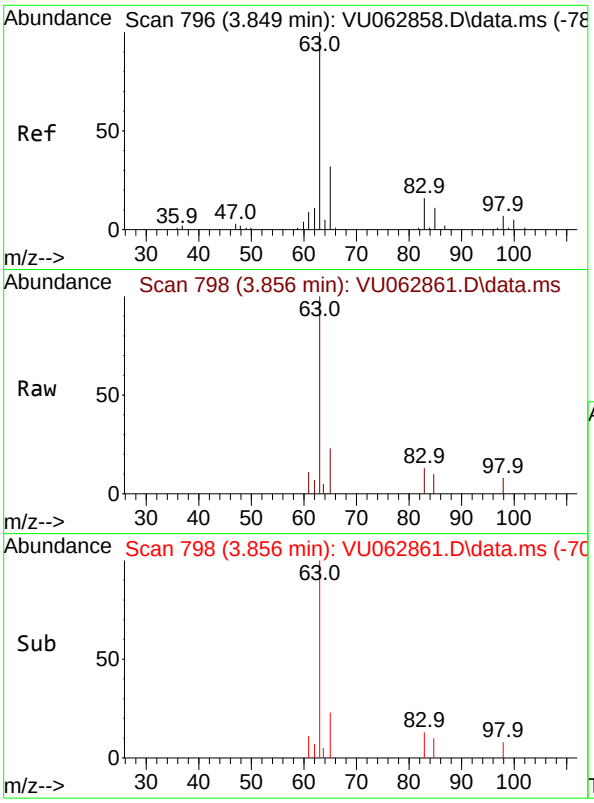


#12
1,1-Dichloroethene
Concen: 1.617 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062861.D
Acq: 17 Jan 2025 10:56

Tgt Ion: 96 Resp: 9056

Ion	Ratio	Lower	Upper
96	100		
61	203.9	120.4	223.6
63	251.5	82.3	152.9#



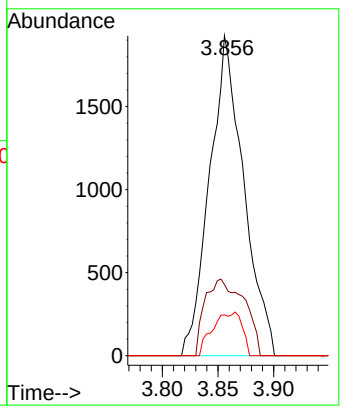


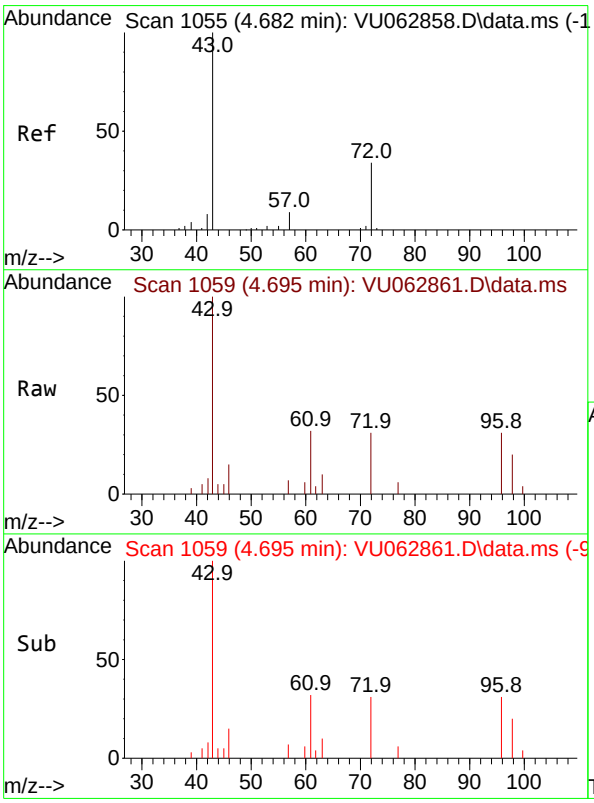
#19
1,1-Dichloroethane
Concen: 0.382 ug/L
RT: 3.856 min Scan# 7
Delta R.T. 0.006 min
Lab File: VU062861.D
Acq: 17 Jan 2025 10:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4094

Ion	Ratio	Lower	Upper
63	100		
65	22.3	20.7	38.5
83	12.8	10.5	19.5

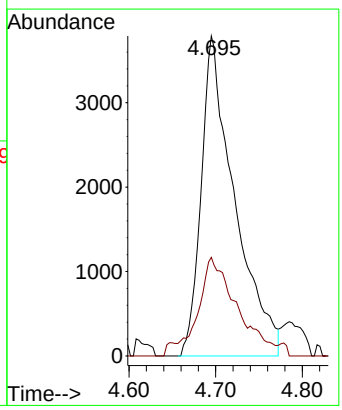


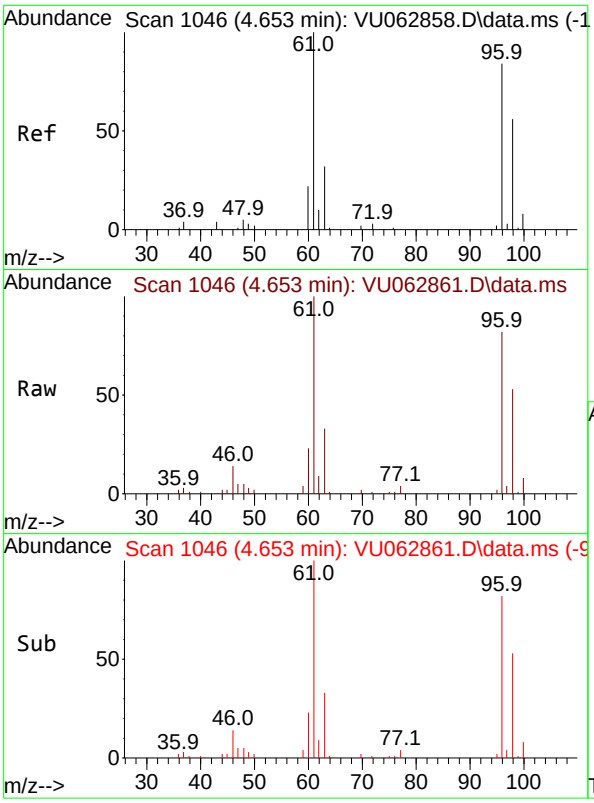


#21
2-Butanone
Concen: 9.415 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. 0.013 min
Lab File: VU062861.D
Acq: 17 Jan 2025 10:56

Tgt Ion: 43 Resp: 10143

Ion	Ratio	Lower	Upper
43	100		
72	34.8	17.1	51.2



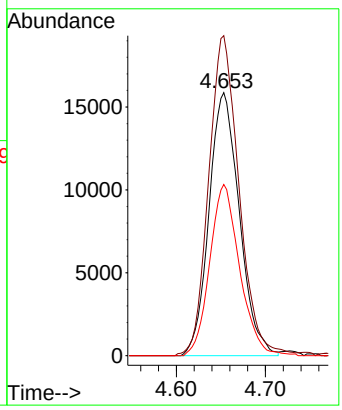


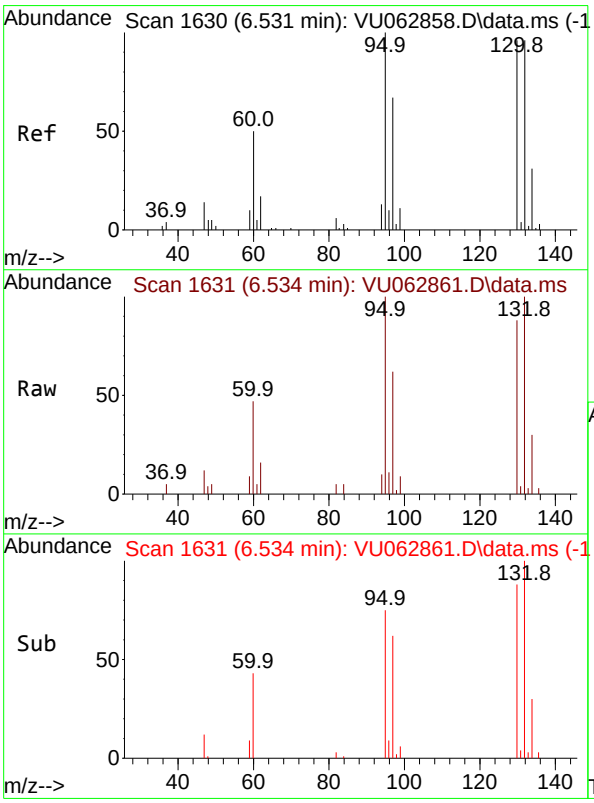
#22
cis-1,2-Dichloroethene
Concen: 5.750 ug/L
RT: 4.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062861.D
Acq: 17 Jan 2025 10:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 37571

Ion	Ratio	Lower	Upper
96	100		
61	121.7	84.8	157.6
98	65.1	43.1	80.1

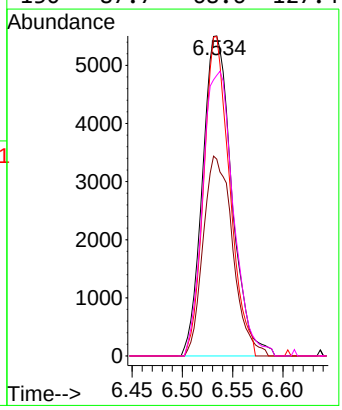


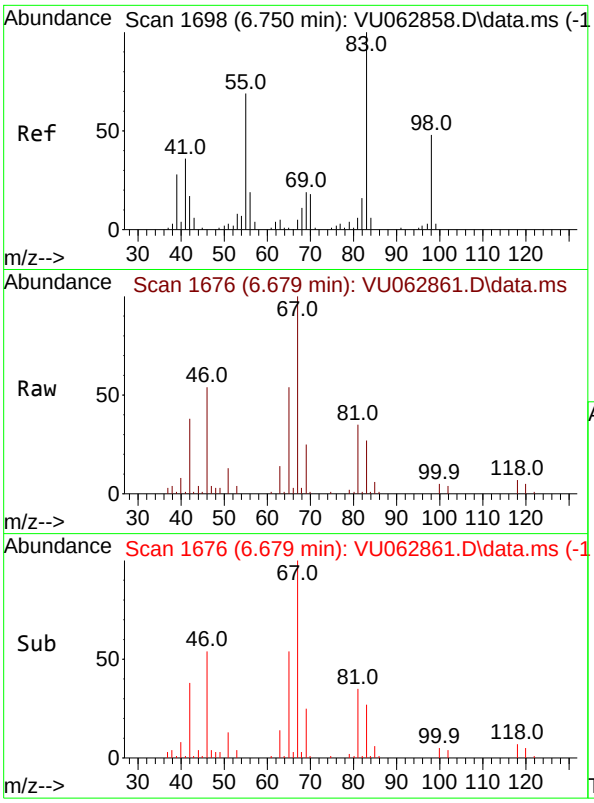


#34
Trichloroethene
Concen: 1.358 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU062861.D
Acq: 17 Jan 2025 10:56

Tgt Ion: 95 Resp: 11151

Ion	Ratio	Lower	Upper
95	100		
97	61.5	47.5	88.3
132	99.8	66.9	124.3
130	87.7	68.6	127.4



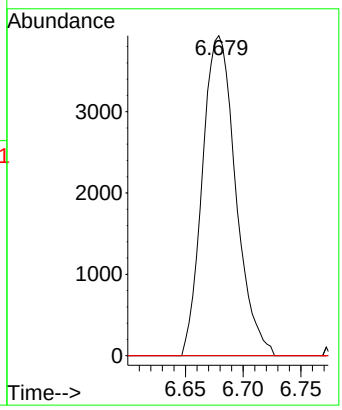


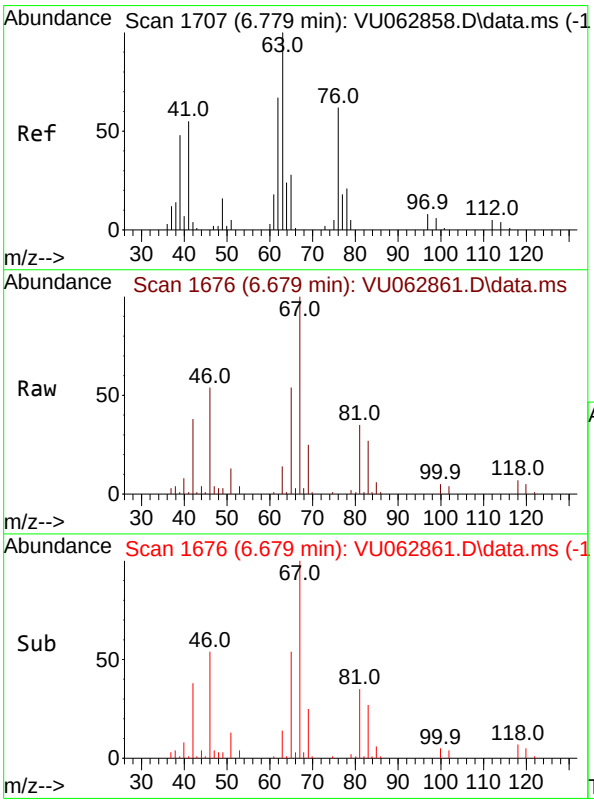
#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU062861.D
Acq: 17 Jan 2025 10:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 7881

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	2.2	36.6	55.0#

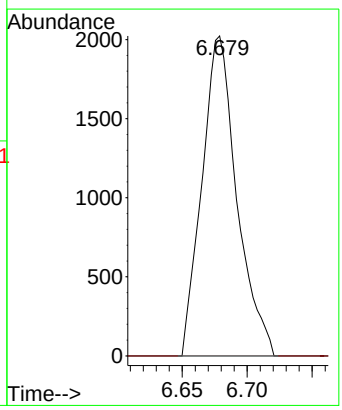


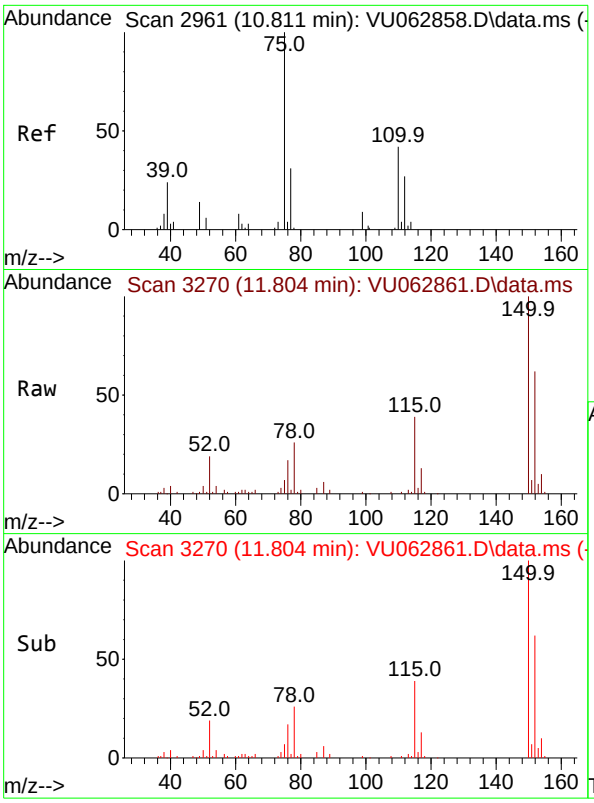


#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062861.D
Acq: 17 Jan 2025 10:56

Tgt Ion: 63 Resp: 3776

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#61
1,2,3-Trichloropropane
Concen: 1.091 ug/L
RT: 11.804 min Scan# 3
Delta R.T. 0.993 min
Lab File: VU062861.D
Acq: 17 Jan 2025 10:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3814

Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	39.9	25.9	38.9#