Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062878.D
Acq On : 17 Jan 2025 17:49
Operator : MD/SY
Sample : Q1071-14DL 20X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 17 22:01:36 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	85950	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	78784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18087	3.800	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.000%			
7) Chloroethane-d5	1.901	69	16704	4.362	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	2.554	65	10021	4.064	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.200%			
20) 2-Butanone-d5	4.605	46	55227	56.765	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.540%			
24) Chloroform-d	5.049	84	56299	4.807	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
26) 1,2-Dichloroethane-d4	5.689	65	33507	5.275	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.400%			
32) Benzene-d6	5.714	84	90078	4.677	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
36) 1,2-Dichloropropane-d6	6.679	67	25947	4.859	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.888	98	82972	4.422	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
43) trans-1,3-Dichloroprop...	8.171	79	12707	4.774	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.400%			
46) 2-Hexanone-d5	8.621	63	44739	53.445	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.880%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24360	5.447	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.000%			
66) 1,2-Dichlorobenzene-d4	12.183	152	33785	5.406	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.200%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.567	96	8246	1.545	ug/L #	37
18) trans-1,2-Dichloroethene	3.341	96	1651	0.289	ug/L	96
19) 1,1-Dichloroethane	3.853	63	46684	4.568	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	54807	8.804	ug/L	98
34) Trichloroethene	6.534	95	7923	1.025	ug/L	96
35) Methylcyclohexane	6.679	83	7616	0.800	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3752	0.703	ug/L #	85
39) cis-1,3-Dichloropropene	7.550	75	1116	0.123	ug/L #	70
61) 1,2,3-Trichloropropane	11.801	75	3628	1.089	ug/L #	58

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

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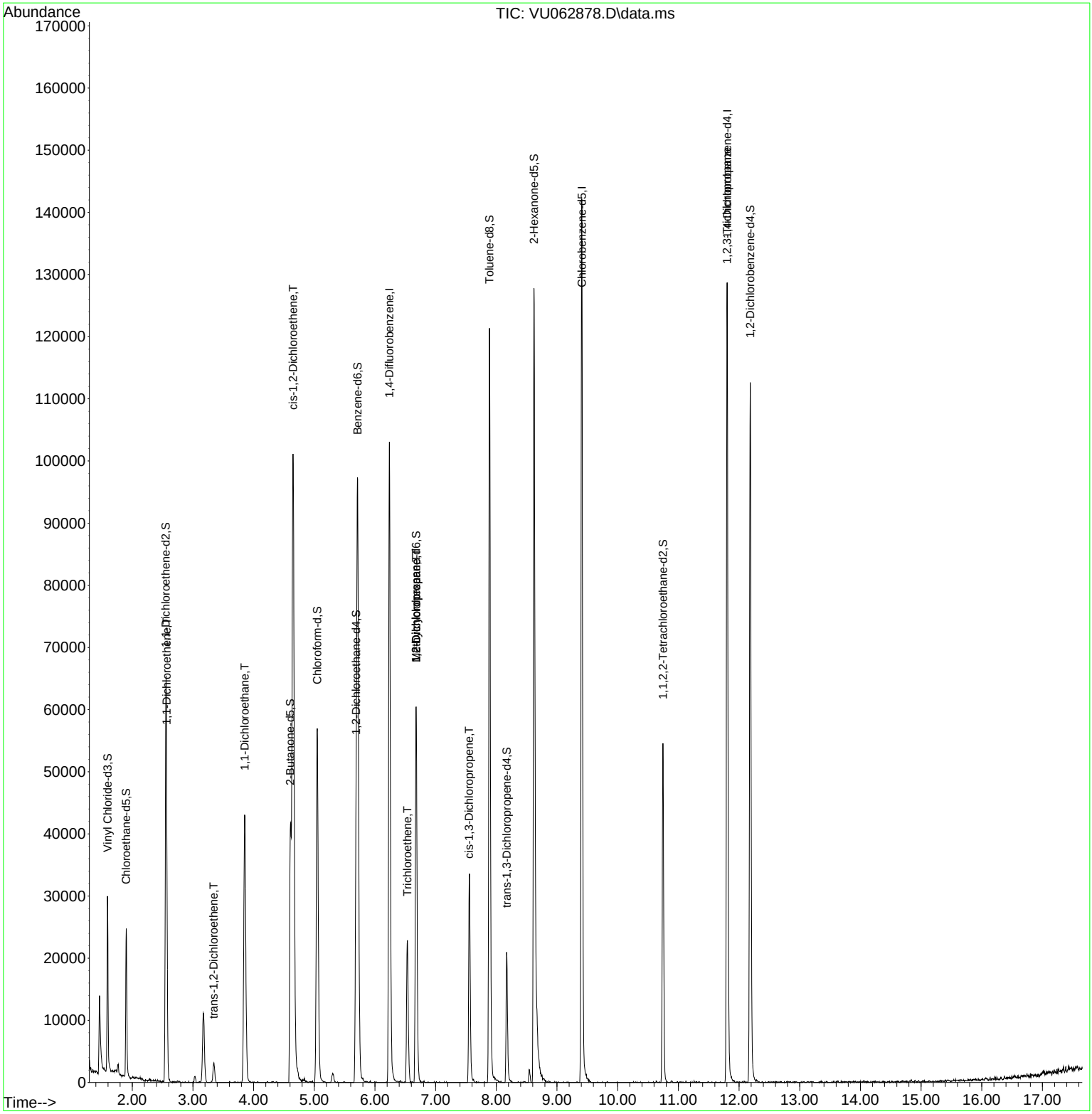
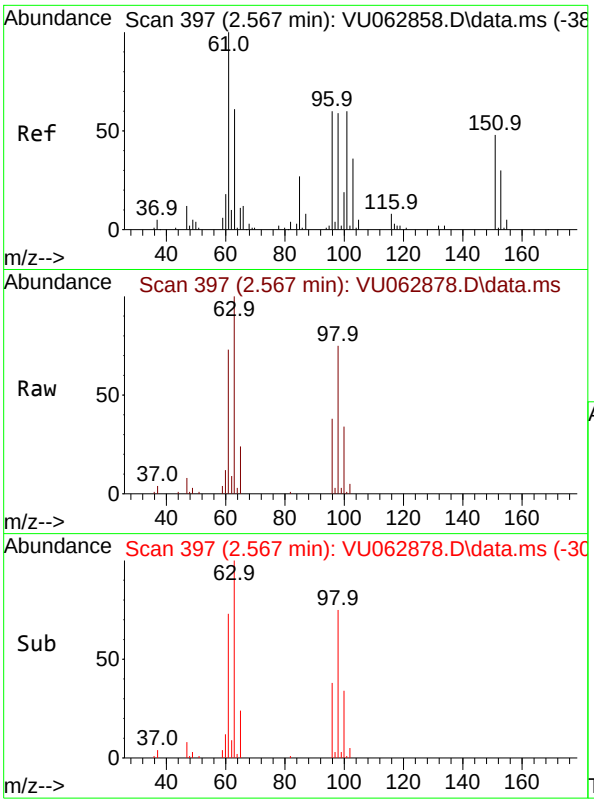


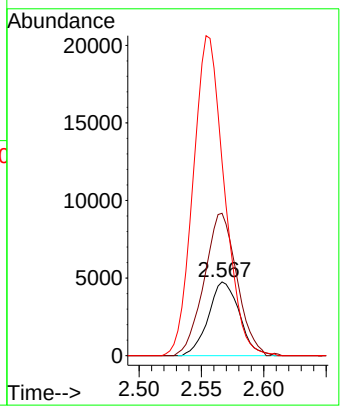


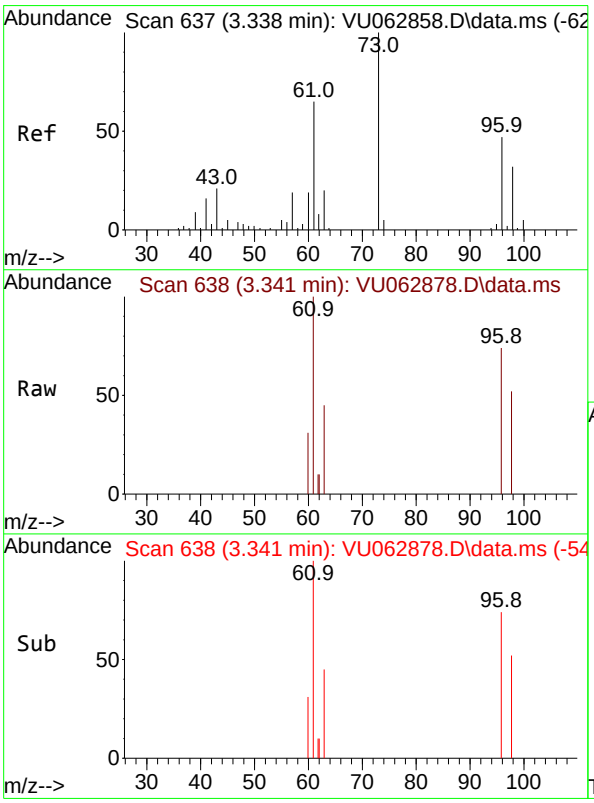
#12
1,1-Dichloroethene
Concen: 1.545 ug/L
RT: 2.567 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 8246

Ion	Ratio	Lower	Upper
96	100		
61	192.9	120.4	223.6
63	262.7	82.3	152.9#

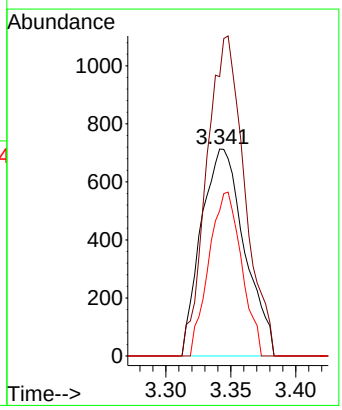


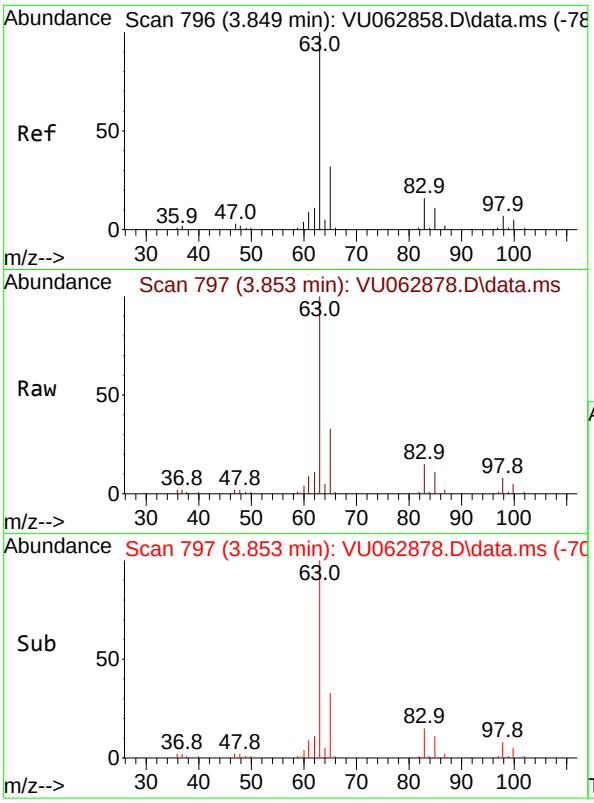


#18
trans-1,2-Dichloroethene
Concen: 0.289 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

Tgt Ion: 96 Resp: 1651

Ion	Ratio	Lower	Upper
96	100		
61	135.1	94.4	175.2
98	70.1	42.8	79.4



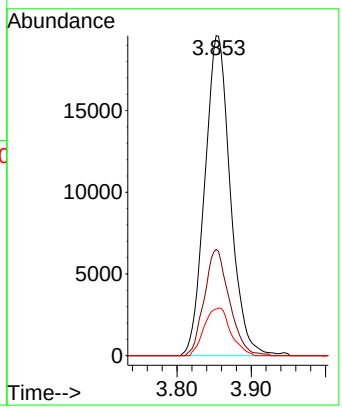


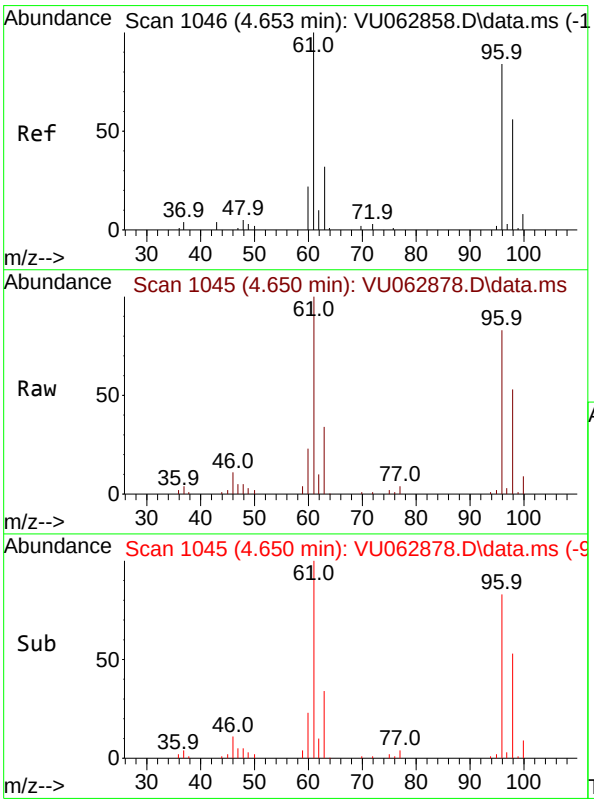
#19
1,1-Dichloroethane
Concen: 4.568 ug/L
RT: 3.853 min Scan# 7
Delta R.T. 0.003 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 46684

Ion	Ratio	Lower	Upper
63	100		
65	33.3	20.7	38.5
83	14.5	10.5	19.5

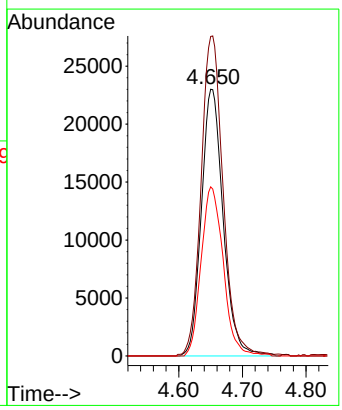


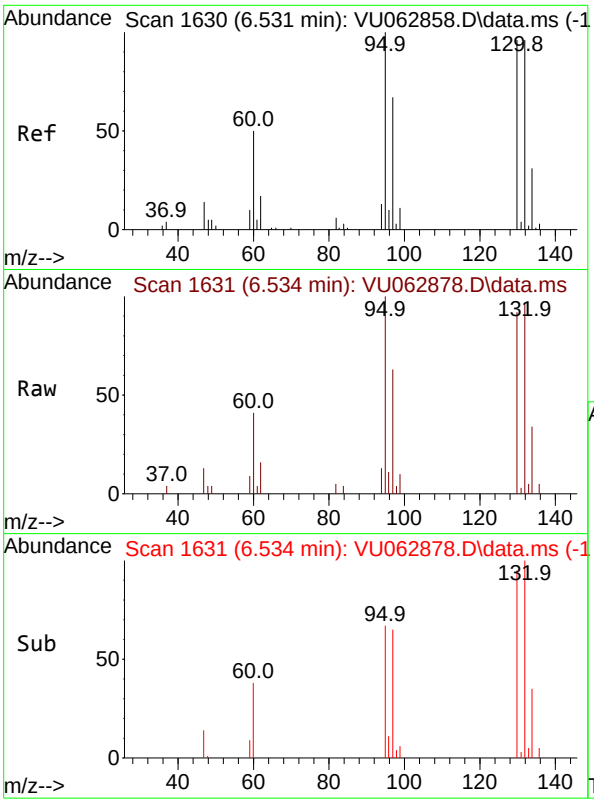


#22
cis-1,2-Dichloroethene
Concen: 8.804 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

Tgt Ion: 96 Resp: 54807

Ion	Ratio	Lower	Upper
96	100		
61	119.8	84.8	157.6
98	63.4	43.1	80.1



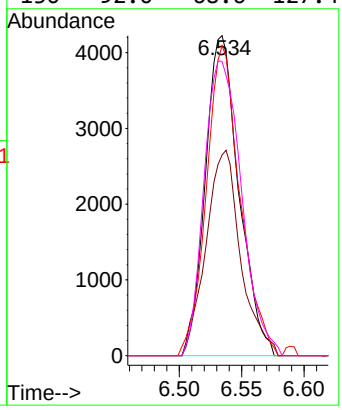


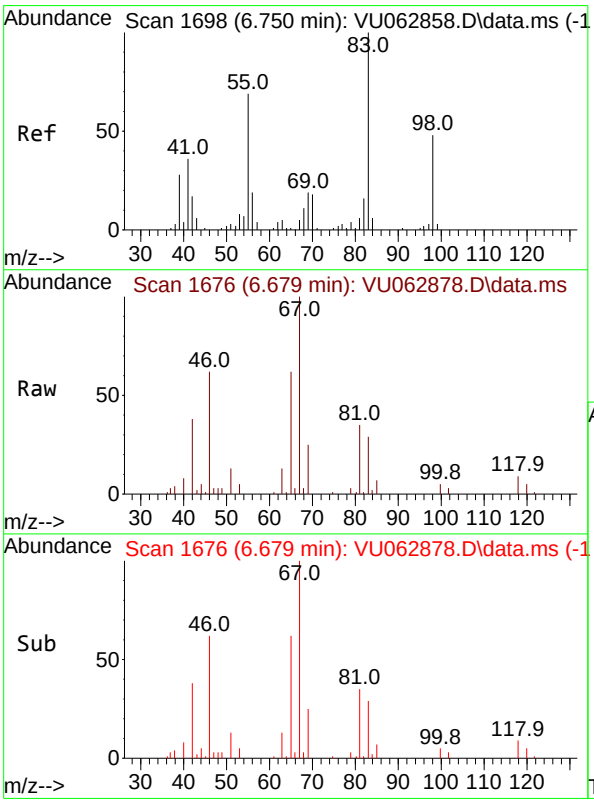
#34
Trichloroethene
Concen: 1.025 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 7923

Ion	Ratio	Lower	Upper
95	100		
97	62.7	47.5	88.3
132	96.9	66.9	124.3
130	92.0	68.6	127.4

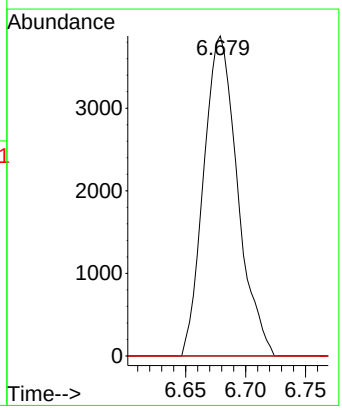


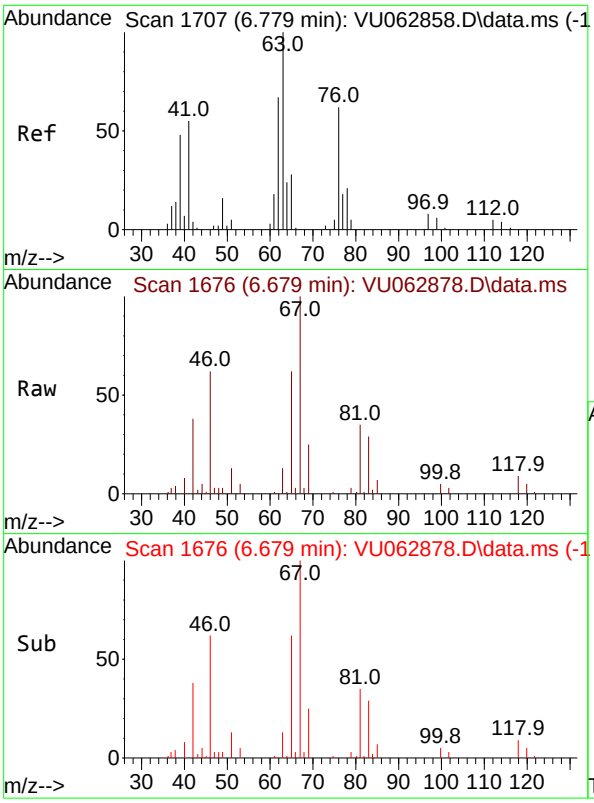


#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

Tgt Ion: 83 Resp: 7616

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	0.7	36.6	55.0#



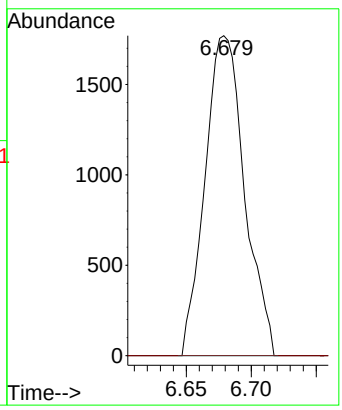


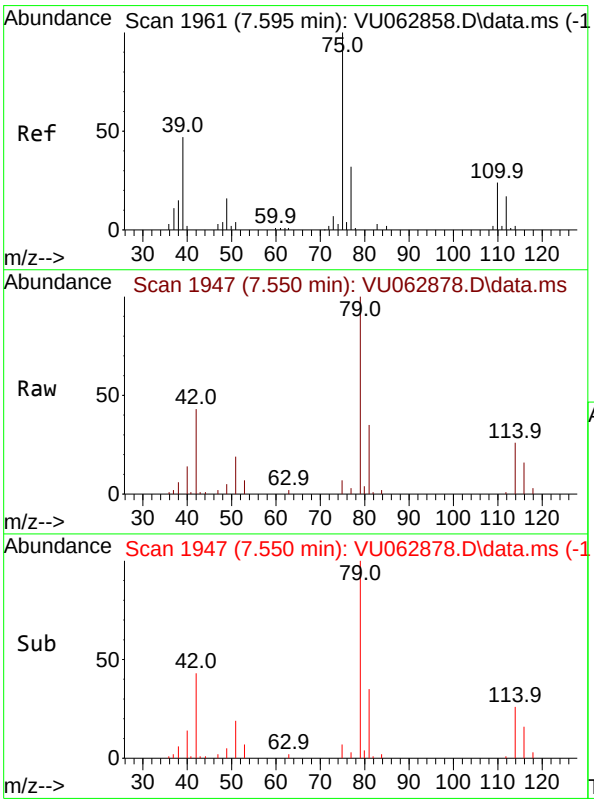
#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3752

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

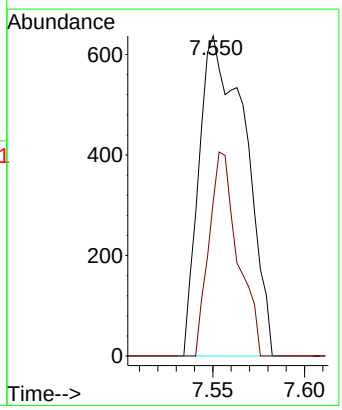


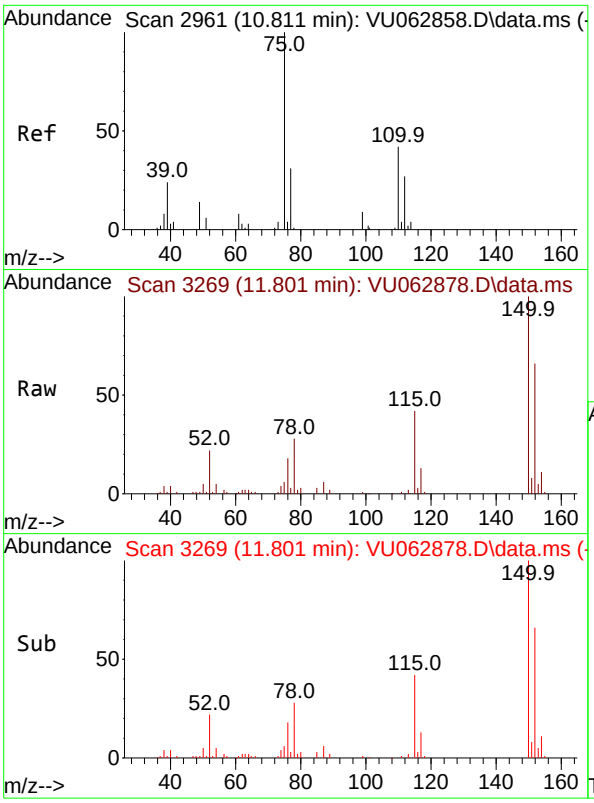


#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.550 min Scan# 1947
Delta R.T. -0.045 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

Tgt Ion: 75 Resp: 1116

Ion	Ratio	Lower	Upper
75	100		
77	48.4	22.3	41.3#





#61
1,2,3-Trichloropropane
Concen: 1.089 ug/L
RT: 11.801 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU062878.D
Acq: 17 Jan 2025 17:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3628

Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	38.3	25.9	38.9