Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062782.D
Acq On : 15 Jan 2025 22:22
Operator : MD/SY
Sample : P1058-16
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 16 02:08:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 01:55:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89740	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40185	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	15915	3.202	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.000%			
7) Chloroethane-d5	1.904	69	16668	4.169	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.400%			
11) 1,1-Dichloroethene-d2	2.557	65	9566	3.715	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.400%			
20) 2-Butanone-d5	4.605	46	54900	54.046	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.100%			
24) Chloroform-d	5.049	84	59466	4.863	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	5.689	65	35393	5.336	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.800%			
32) Benzene-d6	5.714	84	94801	4.548	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	6.679	67	29367	5.081	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.600%			
41) Toluene-d8	7.888	98	84417	4.157	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.200%			
43) trans-1,3-Dichloroprop...	8.171	79	13830	4.800	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.000%			
46) 2-Hexanone-d5	8.621	63	46587	51.416	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.840%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26201	5.413	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.200%			
66) 1,2-Dichlorobenzene-d4	12.183	152	35223	5.268	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	9197	1.424	ug/L #	72
19) 1,1-Dichloroethane	3.859	63	2047	0.192	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	14546	2.238	ug/L	96
34) Trichloroethene	6.531	95	44707	5.342	ug/L	96
35) Methylcyclohexane	6.679	83	7793	0.757	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	4083	0.706	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	4062	1.140	ug/L #	63

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

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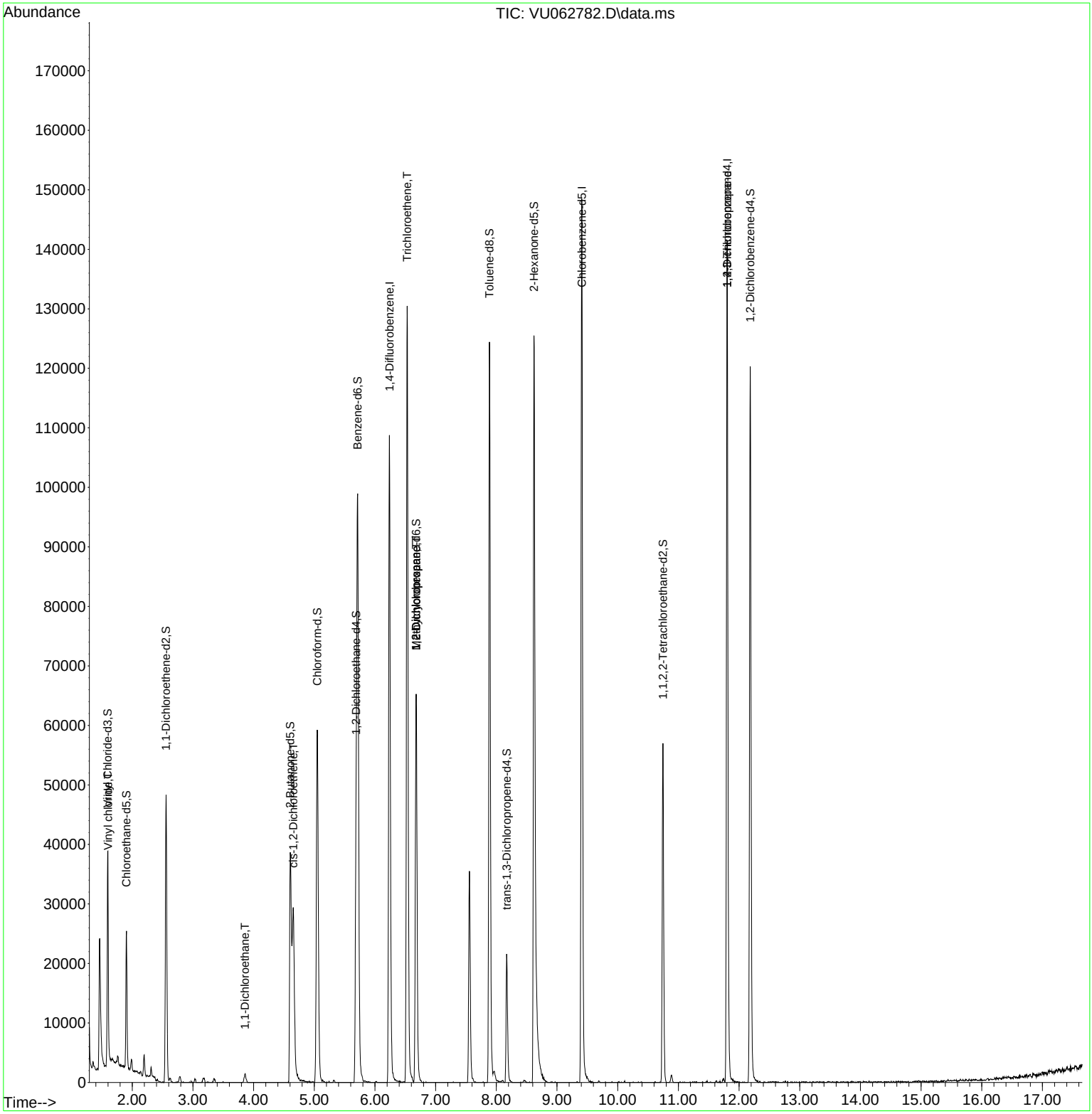
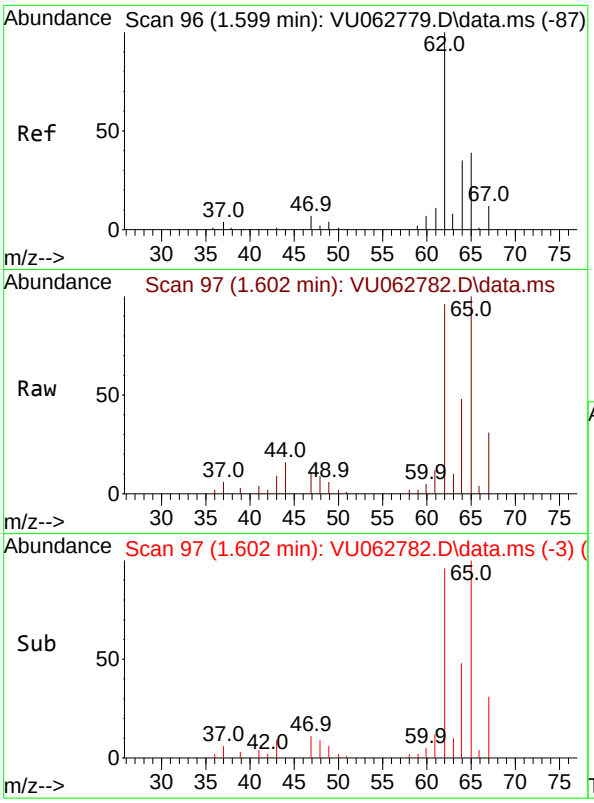


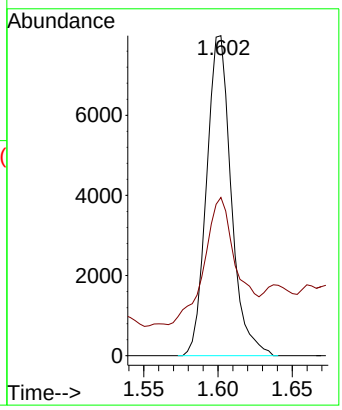


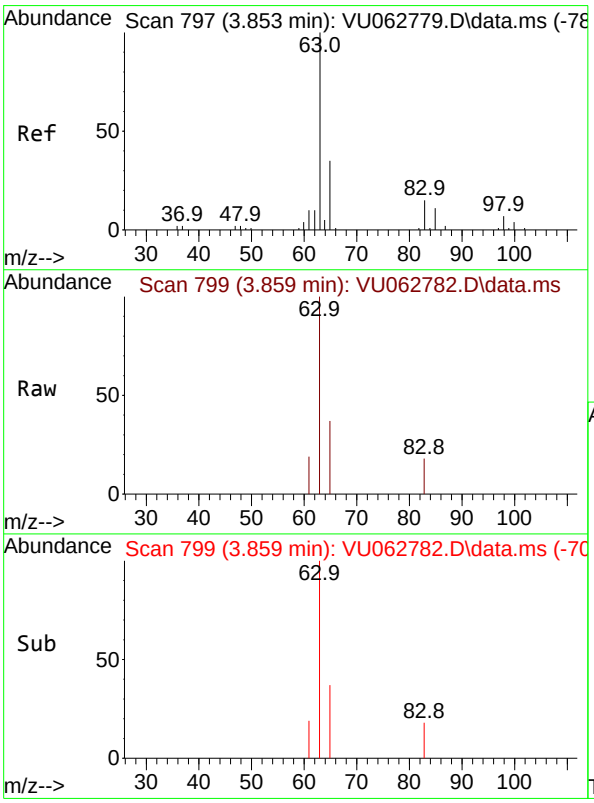
#5
Vinyl chloride
Concen: 1.424 ug/L
RT: 1.602 min Scan# 9
Delta R.T. 0.003 min
Lab File: VU062782.D
Acq: 15 Jan 2025 22:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 9197

Ion	Ratio	Lower	Upper
62	100		
64	49.5	23.4	43.4#

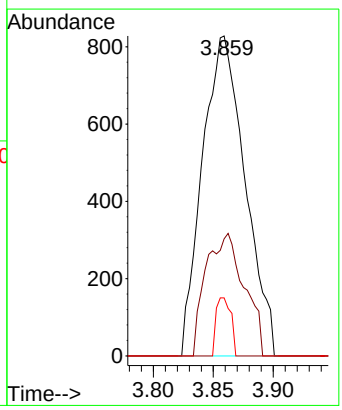


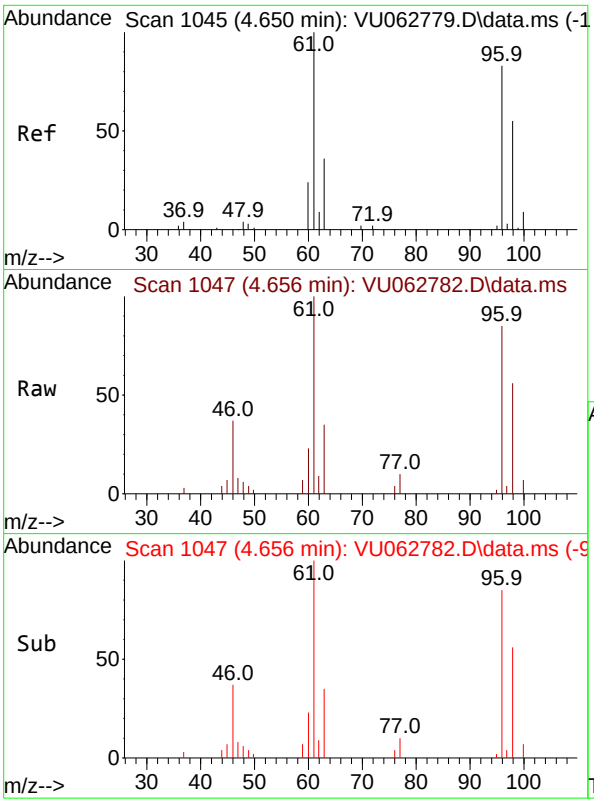


#19
1,1-Dichloroethane
Concen: 0.192 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.006 min
Lab File: VU062782.D
Acq: 15 Jan 2025 22:22

Tgt Ion: 63 Resp: 2047

Ion	Ratio	Lower	Upper
63	100		
65	36.6	20.7	38.5
83	18.1	10.5	19.5



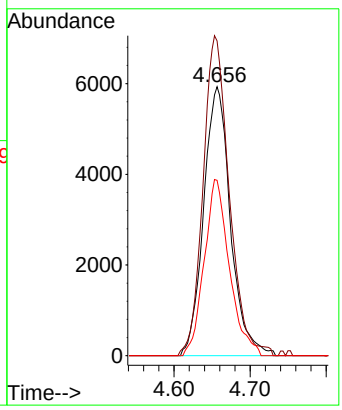


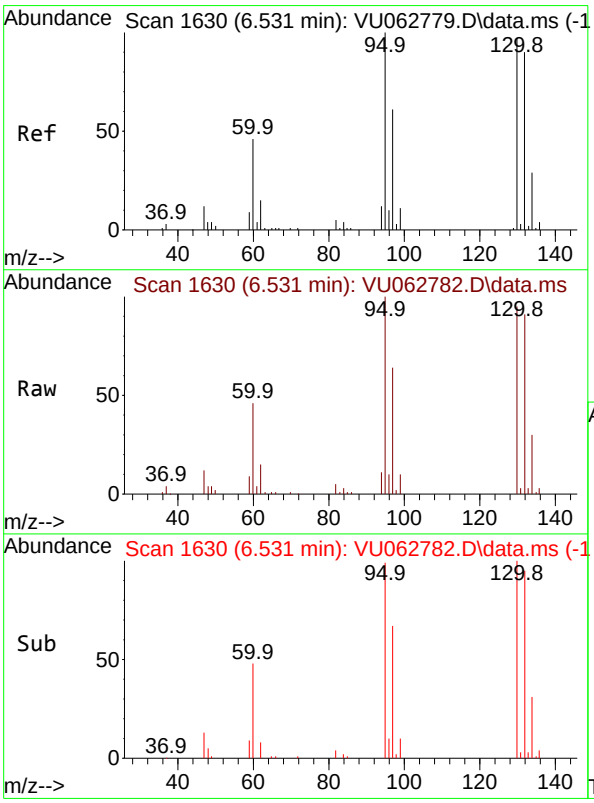
#22
cis-1,2-Dichloroethene
Concen: 2.238 ug/L
RT: 4.656 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU062782.D
Acq: 15 Jan 2025 22:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 14546

Ion	Ratio	Lower	Upper
96	100		
61	117.0	84.8	157.6
98	65.2	43.1	80.1

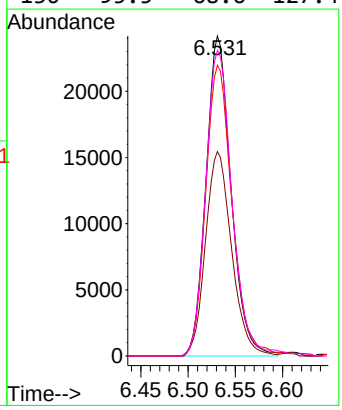


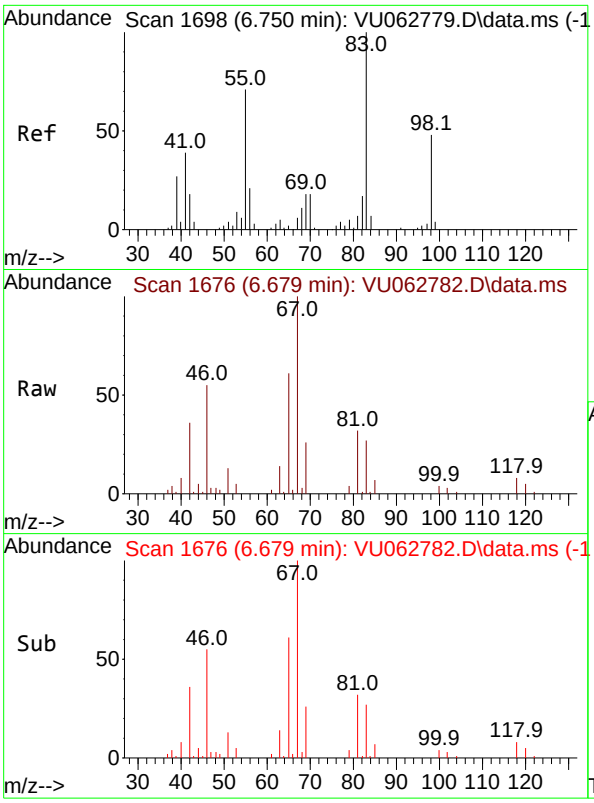


#34
Trichloroethene
Concen: 5.342 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062782.D
Acq: 15 Jan 2025 22:22

Tgt Ion: 95 Resp: 44707

Ion	Ratio	Lower	Upper
95	100		
97	63.8	47.5	88.3
132	90.8	66.9	124.3
130	95.5	68.6	127.4



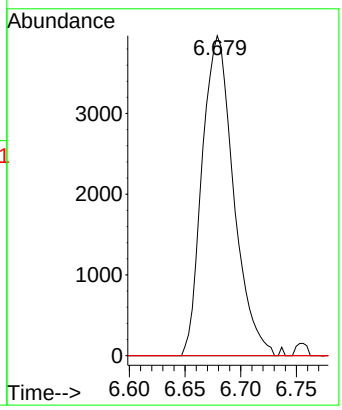


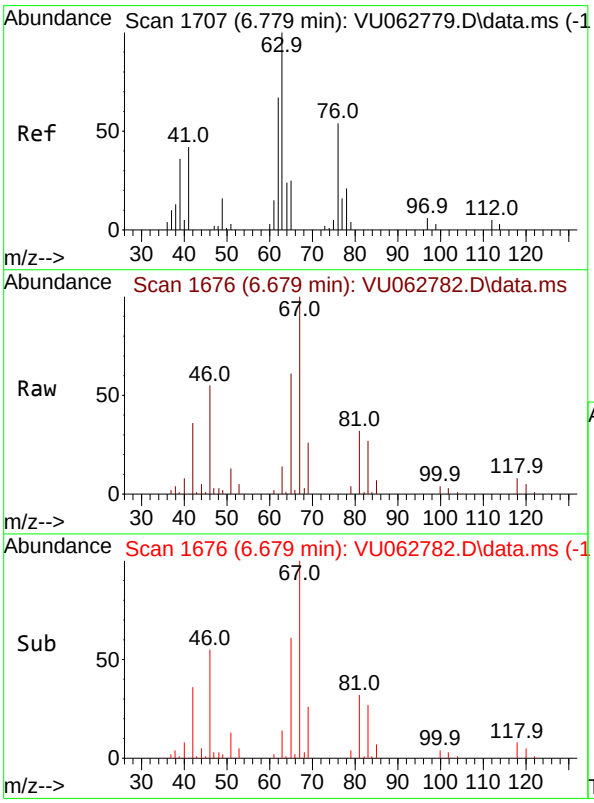
#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU062782.D
Acq: 15 Jan 2025 22:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 7793

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

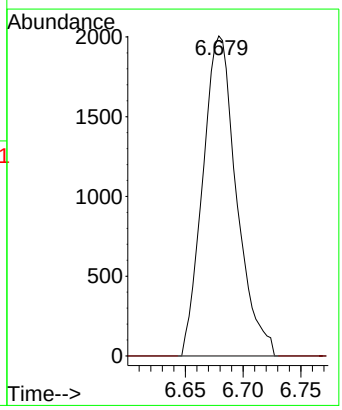


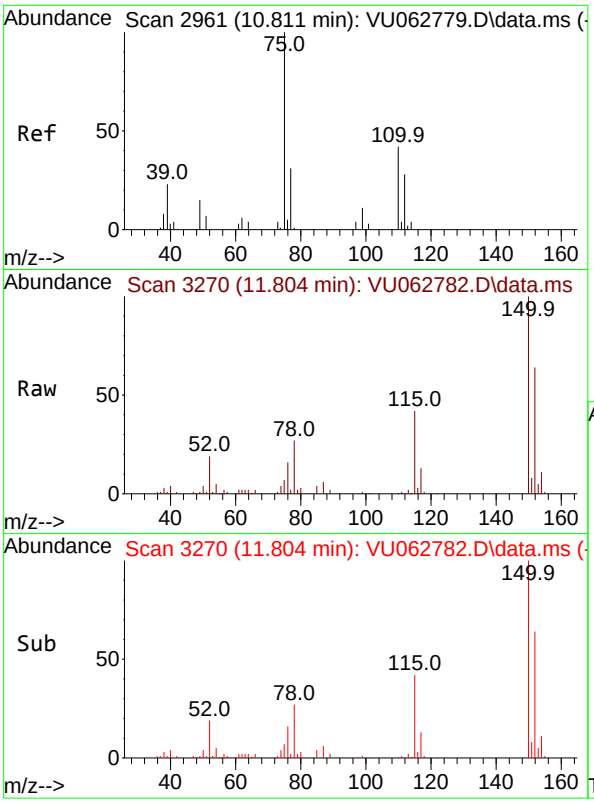


#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062782.D
Acq: 15 Jan 2025 22:22

Tgt Ion: 63 Resp: 4083

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#61
1,2,3-Trichloropropane
Concen: 1.140 ug/L
RT: 11.804 min Scan# 3
Delta R.T. 0.993 min
Lab File: VU062782.D
Acq: 15 Jan 2025 22:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4062

Ion	Ratio	Lower	Upper
75	100		
110	2.6	33.2	49.8#
77	35.7	25.9	38.9