Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
Data File : VU062675.D
Acq On : 10 Jan 2025 11:21
Operator : MD/SY
Sample : Q1058-01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 10 22:43:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	116081	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	107677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52192	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22420	3.487	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.800%			
7) Chloroethane-d5	1.904	69	20199	3.906	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.200%			
11) 1,1-Dichloroethene-d2	2.560	65	12260	3.681	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.600%			
20) 2-Butanone-d5	4.608	46	50253	38.245	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.500%			
24) Chloroform-d	5.052	84	62196	3.932	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.600%			
26) 1,2-Dichloroethane-d4	5.689	65	35112	4.093	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.800%			
32) Benzene-d6	5.717	84	107269	4.075	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.679	67	31219	4.278	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.600%			
41) Toluene-d8	7.888	98	101438	3.956	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.200%			
43) trans-1,3-Dichloroprop...	8.171	79	14639	4.024	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.400%			
46) 2-Hexanone-d5	8.624	63	44218	38.648	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.300%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25033	4.096	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.000%			
66) 1,2-Dichlorobenzene-d4	12.183	152	39352	4.532	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	6968	0.834	ug/L	96
8) Chloroethane	1.952	64	988	0.197	ug/L #	55
12) 1,1-Dichloroethene	2.570	96	3362	0.467	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	2641	0.191	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	19349	2.301	ug/L	98
34) Trichloroethene	6.531	95	217068	20.540	ug/L	98
35) Methylcyclohexane	6.679	83	8737	0.672	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	3878	0.531	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	5322	1.150	ug/L #	61

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

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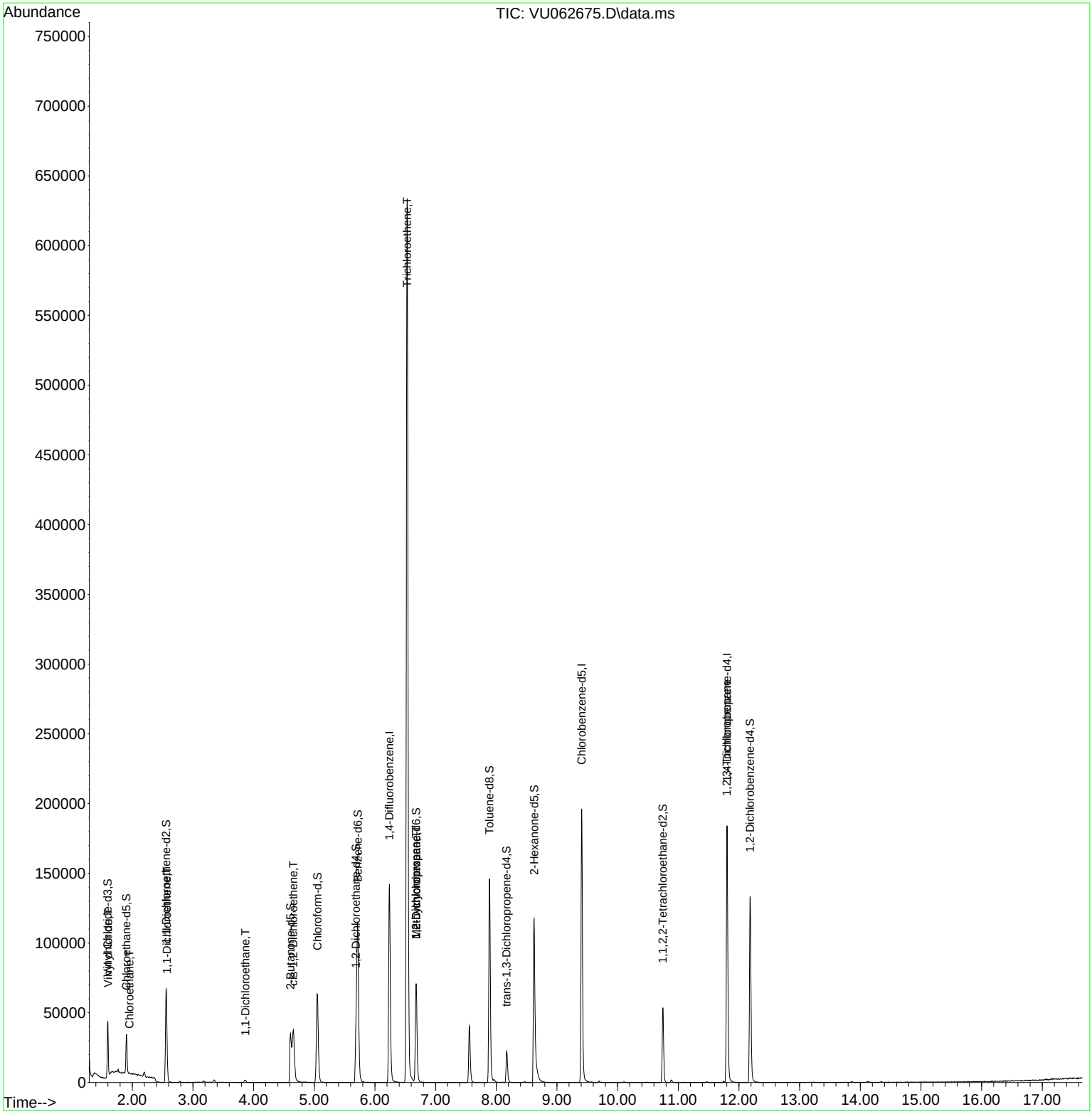
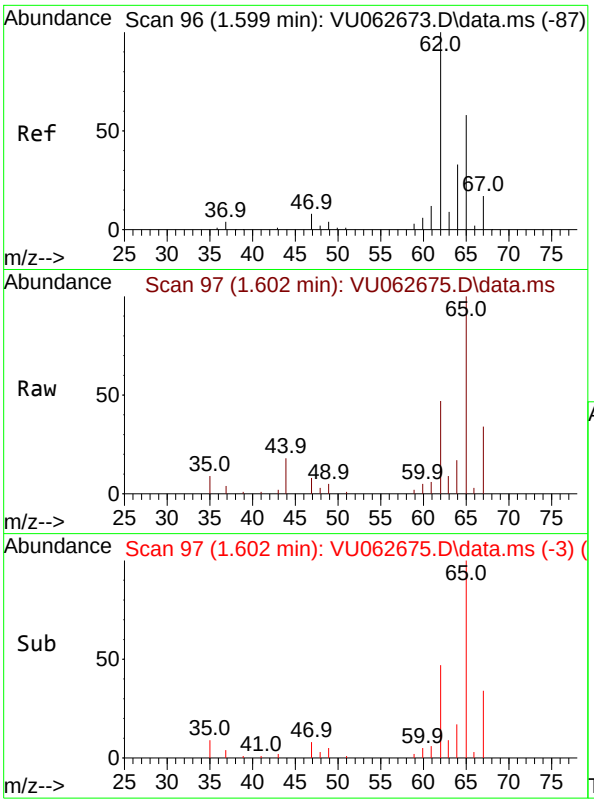
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 10 22:43:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration



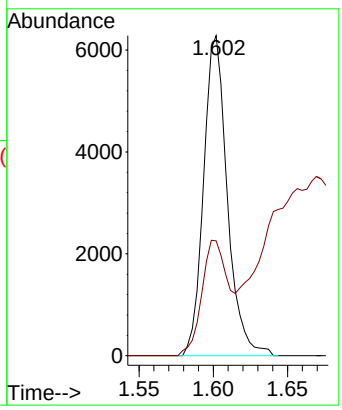


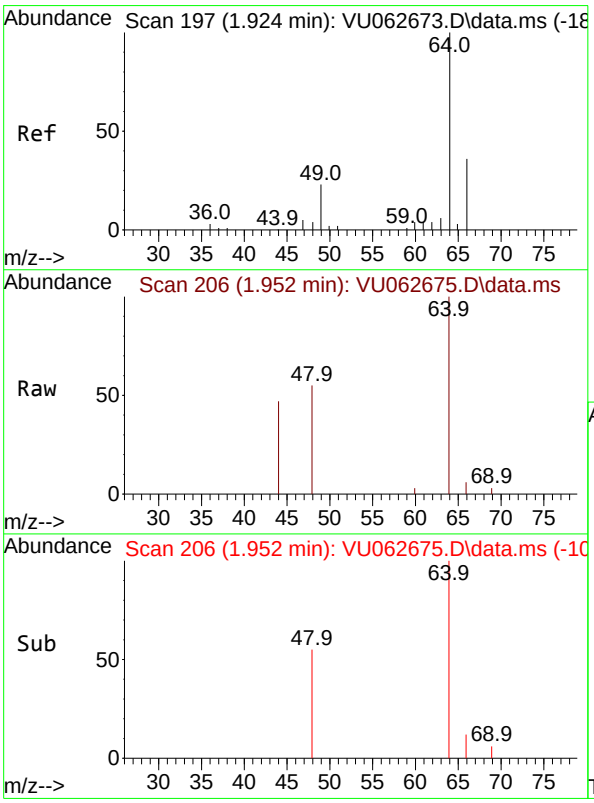
#5
Vinyl chloride
Concen: 0.834 ug/L
RT: 1.602 min Scan# 9
Delta R.T. 0.003 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 6968

Ion	Ratio	Lower	Upper
62	100		
64	35.9	23.4	43.4

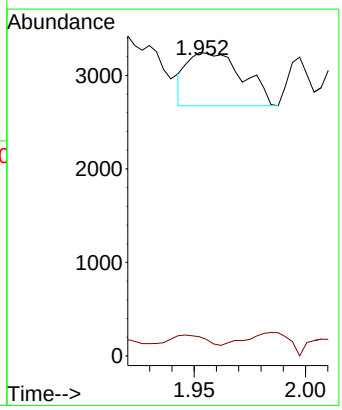


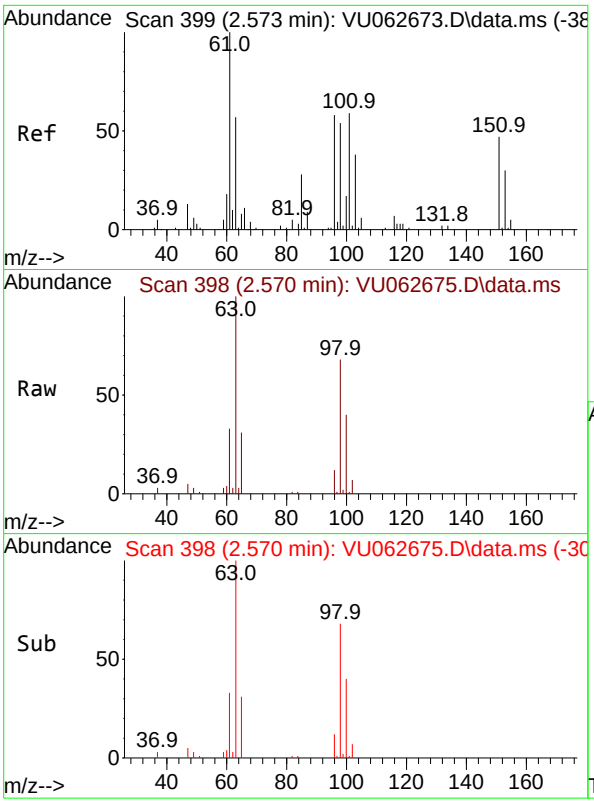


#8
Chloroethane
Concen: 0.197 ug/L
RT: 1.952 min Scan# 206
Delta R.T. 0.029 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Tgt Ion: 64 Resp: 988

Ion	Ratio	Lower	Upper
64	100		
66	6.3	21.6	40.2#



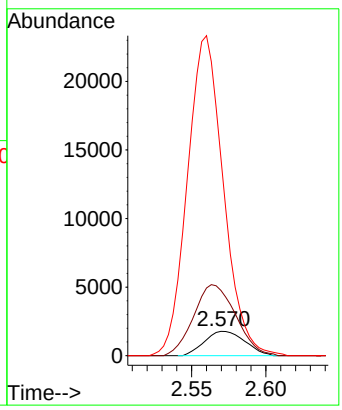


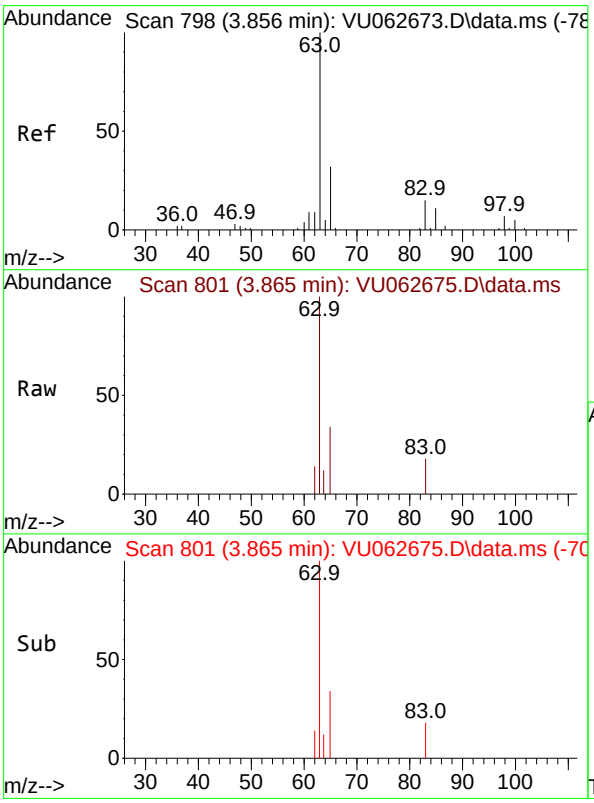
#12
1,1-Dichloroethene
Concen: 0.467 ug/L
RT: 2.570 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 3362

Ion	Ratio	Lower	Upper
96	100		
61	267.6	120.4	223.6#
63	810.5	82.3	152.9#

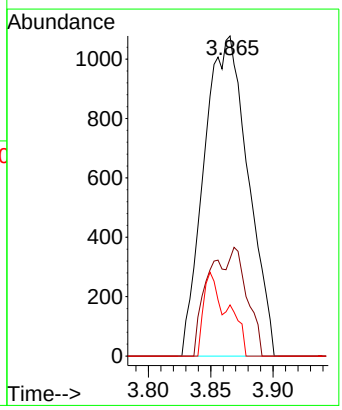


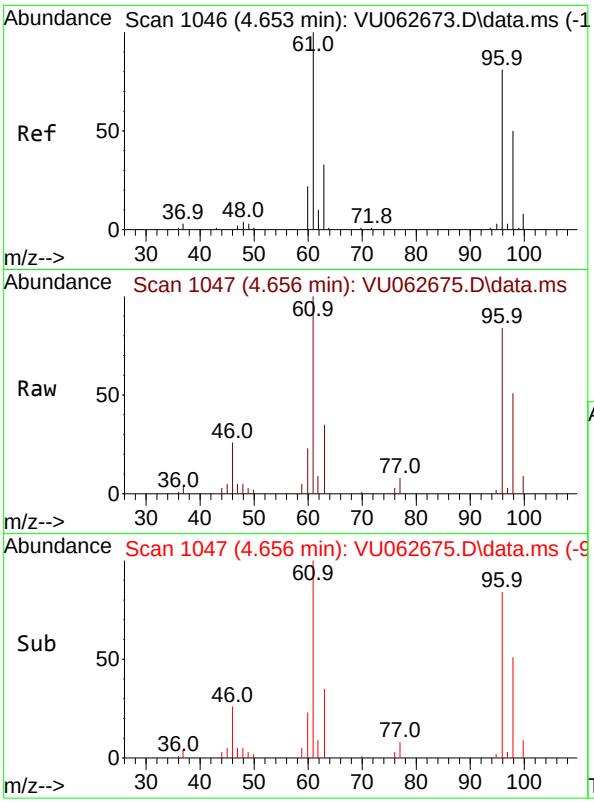


#19
1,1-Dichloroethane
Concen: 0.191 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.010 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Tgt Ion: 63 Resp: 2641

Ion	Ratio	Lower	Upper
63	100		
65	30.4	20.7	38.5
83	16.0	10.5	19.5



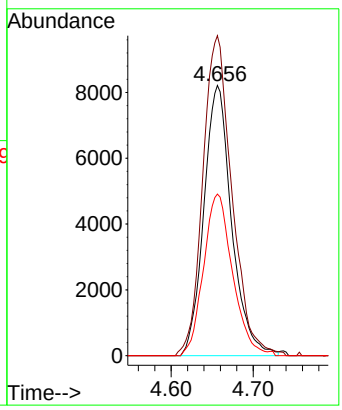


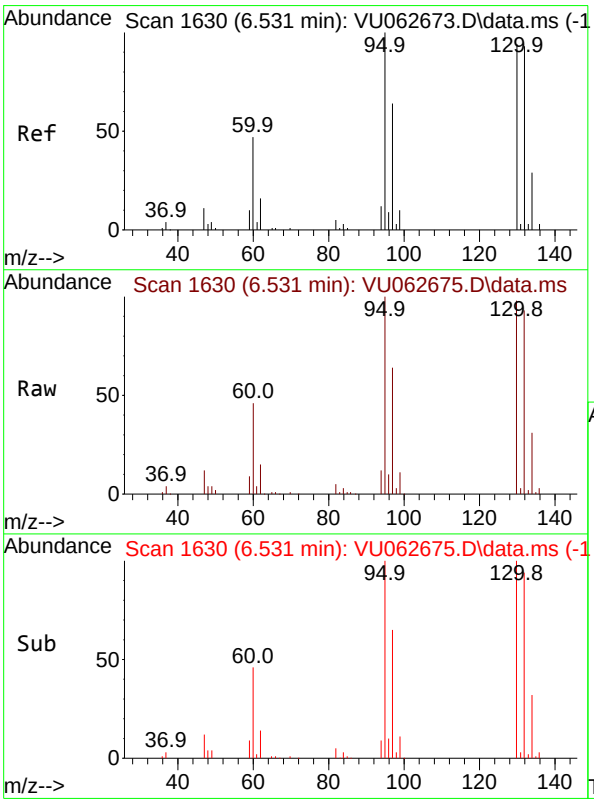
#22
cis-1,2-Dichloroethene
Concen: 2.301 ug/L
RT: 4.656 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 19349

Ion	Ratio	Lower	Upper
96	100		
61	118.4	84.8	157.6
98	59.8	43.1	80.1

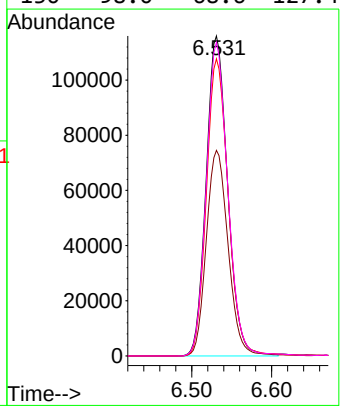


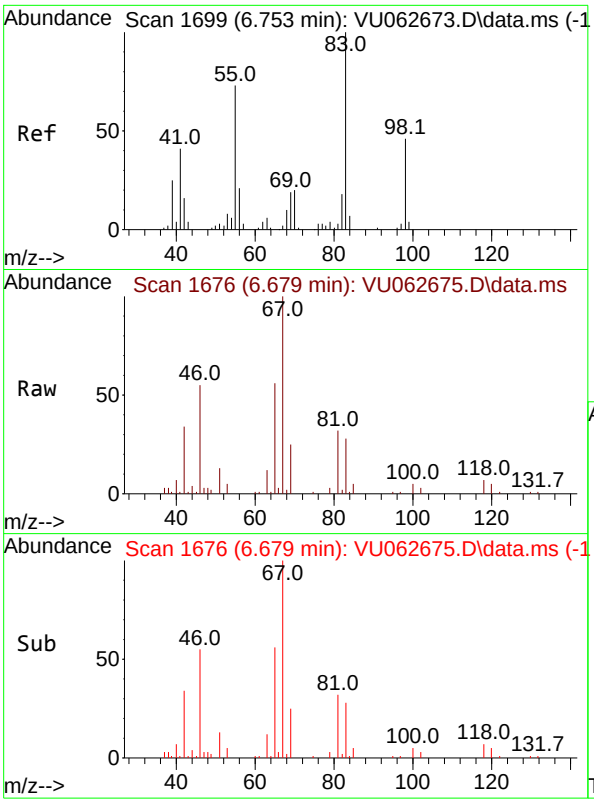


#34
Trichloroethene
Concen: 20.540 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Tgt Ion: 95 Resp: 217068

Ion	Ratio	Lower	Upper
95	100		
97	64.2	47.5	88.3
132	92.8	66.9	124.3
130	98.0	68.6	127.4



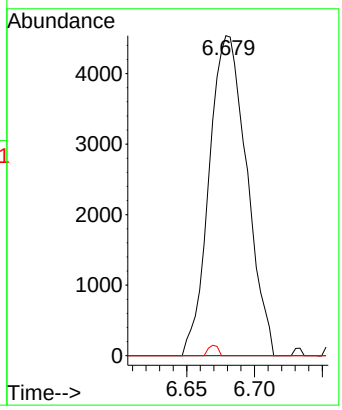


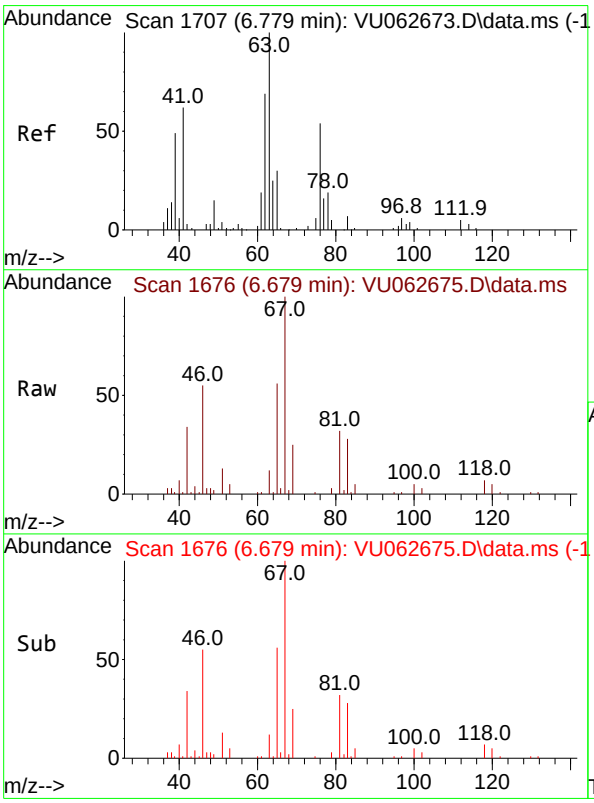
#35
Methylcyclohexane
Concen: 0.672 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 8737

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

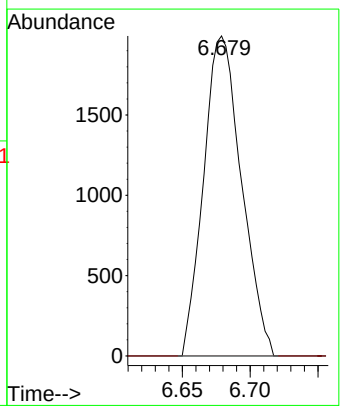


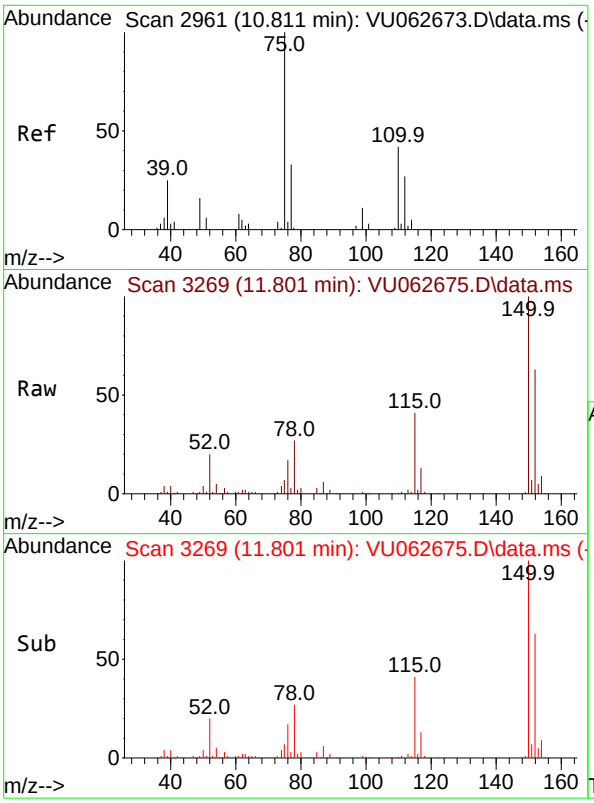


#37
1,2-Dichloropropane
Concen: 0.531 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Tgt Ion: 63 Resp: 3878

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#61
1,2,3-Trichloropropane
Concen: 1.150 ug/L
RT: 11.801 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU062675.D
Acq: 10 Jan 2025 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 5322

Ion	Ratio	Lower	Upper
75	100		
110	1.4	33.2	49.8#
77	36.6	25.9	38.9