Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062811.D
Acq On : 16 Jan 2025 11:45
Operator : MD/SY
Sample : Q1071-20
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 16 22:04:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	90261	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	85184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39570	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	15149	3.030	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.600%			
7) Chloroethane-d5	1.904	69	15848	3.941	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.800%			
11) 1,1-Dichloroethene-d2	2.557	65	9380	3.622	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.400%			
20) 2-Butanone-d5	4.602	46	67138	65.712	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 131.420%#			
24) Chloroform-d	5.049	84	60453	4.915	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	5.689	65	35769	5.362	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.200%			
32) Benzene-d6	5.714	84	96668	4.642	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
36) 1,2-Dichloropropane-d6	6.679	67	29256	5.067	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.400%			
41) Toluene-d8	7.888	98	87350	4.306	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
43) trans-1,3-Dichloroprop...	8.171	79	14569	5.062	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.200%			
46) 2-Hexanone-d5	8.621	63	52469	57.970	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.940%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27948	5.780	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.600%			
66) 1,2-Dichlorobenzene-d4	12.184	152	36498	5.544	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	24695	4.407	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	1053	0.175	ug/L	98
19) 1,1-Dichloroethane	3.853	63	27294	2.543	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	28686	4.388	ug/L	97
34) Trichloroethene	6.534	95	4316	0.516	ug/L	95
35) Methylcyclohexane	6.679	83	8450	0.821	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	3921	0.679	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3712	1.058	ug/L #	54

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

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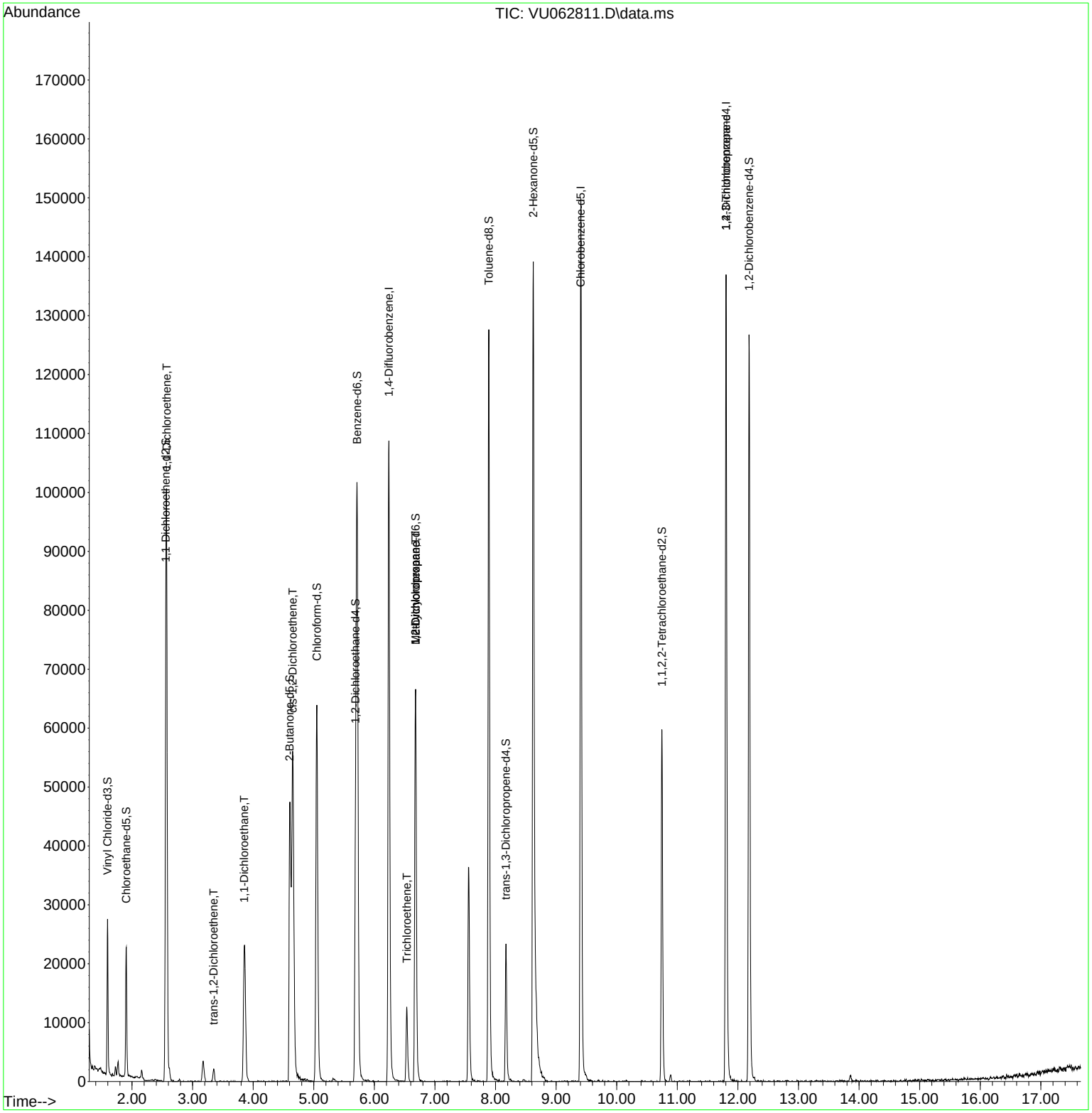
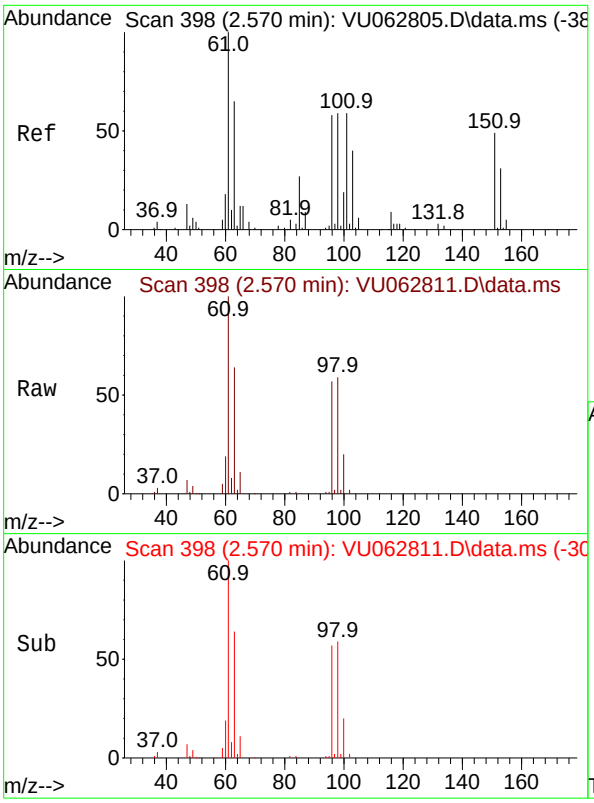
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration



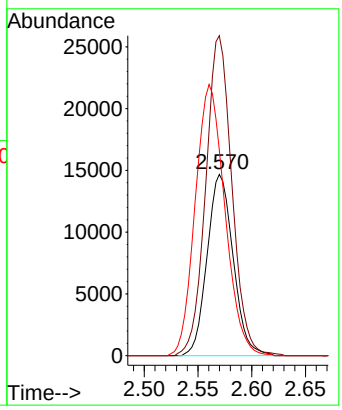


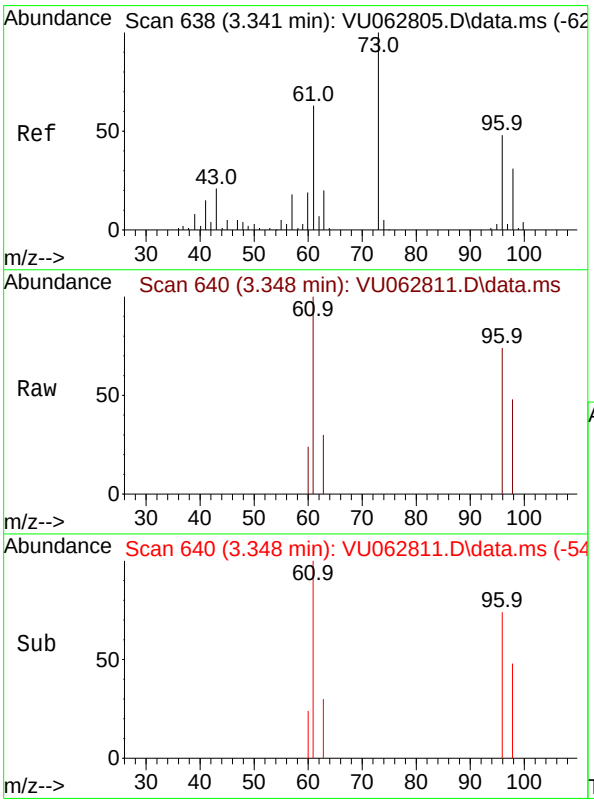
#12
1,1-Dichloroethene
Concen: 4.407 ug/L
RT: 2.570 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 24695

Ion	Ratio	Lower	Upper
96	100		
61	176.5	120.4	223.6
63	113.4	82.3	152.9

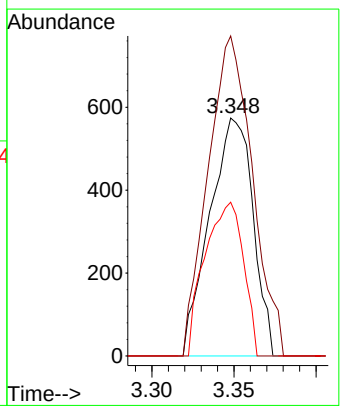


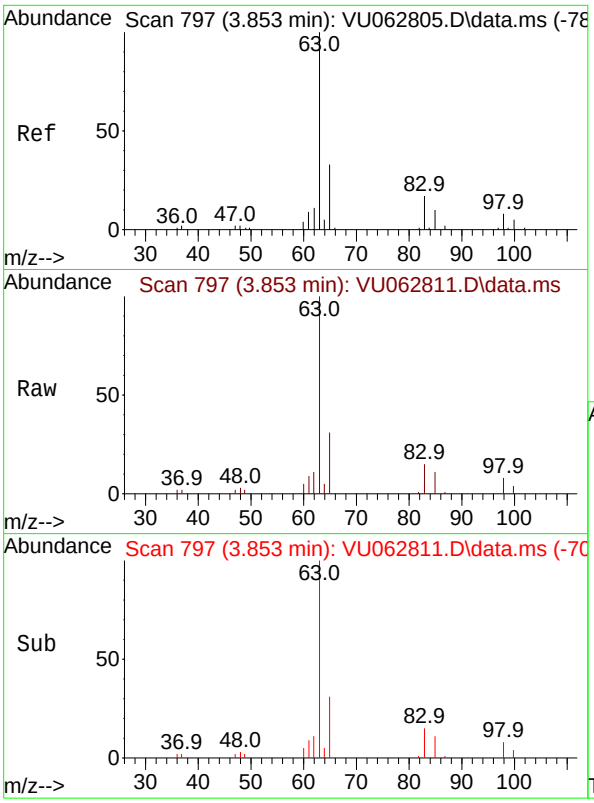


#18
trans-1,2-Dichloroethene
Concen: 0.175 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.007 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

Tgt Ion: 96 Resp: 1053

Ion	Ratio	Lower	Upper
96	100		
61	134.5	94.4	175.2
98	64.6	42.8	79.4



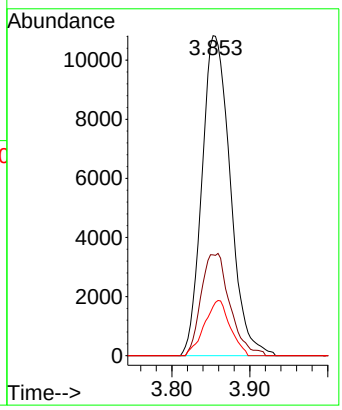


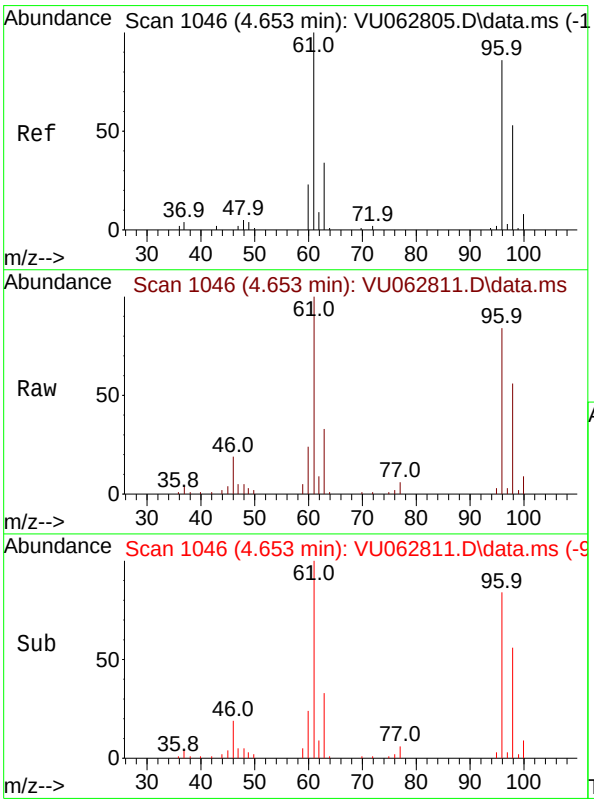
#19
1,1-Dichloroethane
Concen: 2.543 ug/L
RT: 3.853 min Scan# 7
Delta R.T. 0.000 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 27294

Ion	Ratio	Lower	Upper
63	100		
65	31.5	20.7	38.5
83	15.3	10.5	19.5

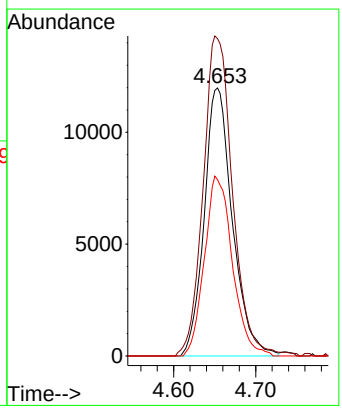


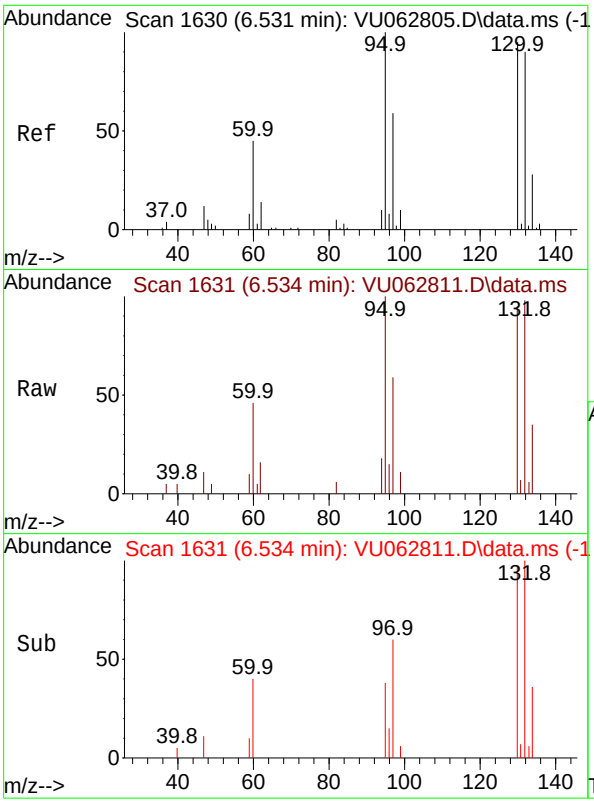


#22
cis-1,2-Dichloroethene
Concen: 4.388 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

Tgt Ion: 96 Resp: 28686

Ion	Ratio	Lower	Upper
96	100		
61	118.4	84.8	157.6
98	65.8	43.1	80.1



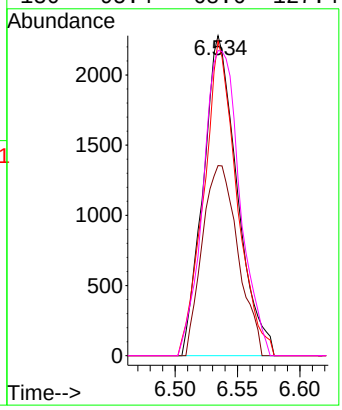


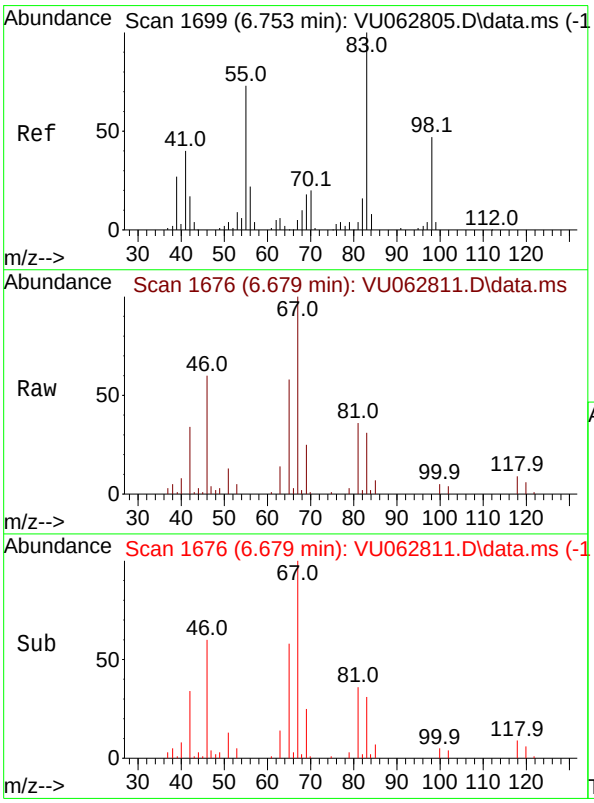
#34
Trichloroethene
Concen: 0.516 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4316

Ion	Ratio	Lower	Upper
95	100		
97	59.4	47.5	88.3
132	98.2	66.9	124.3
130	95.4	68.6	127.4

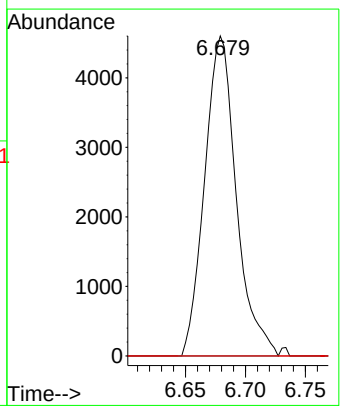


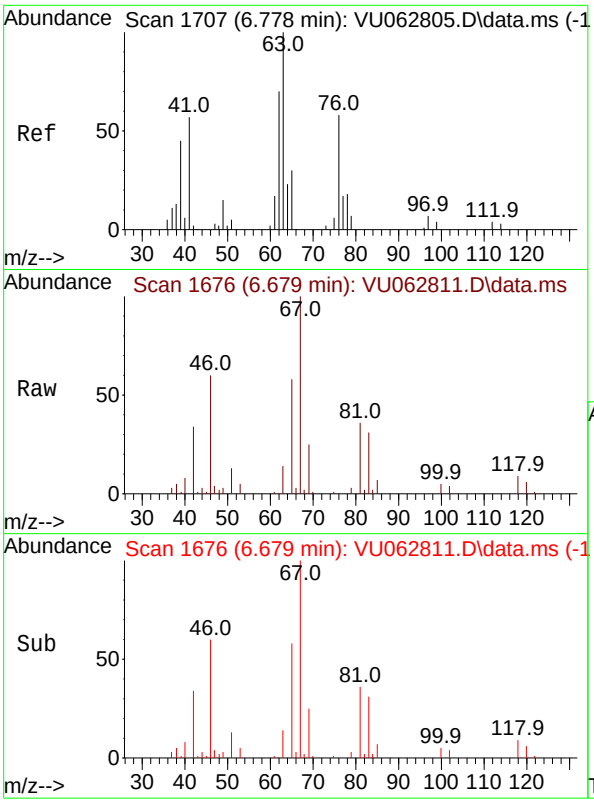


#35
Methylcyclohexane
Concen: 0.821 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

Tgt Ion: 83 Resp: 8450

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	2.0	36.6	55.0#



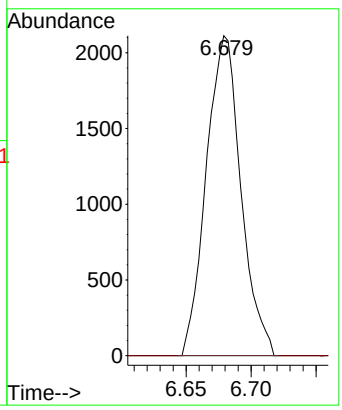


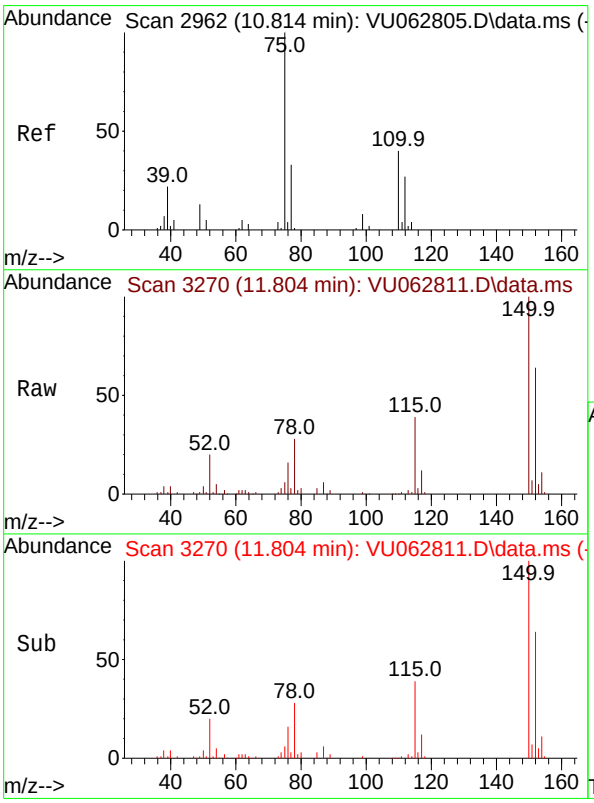
#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3921

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#61
1,2,3-Trichloropropane
Concen: 1.058 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.991 min
Lab File: VU062811.D
Acq: 16 Jan 2025 11:45

Tgt Ion: 75 Resp: 3712

Ion	Ratio	Lower	Upper
75	100		
110	1.2	33.2	49.8#
77	44.7	25.9	38.9#