Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062836.D
Acq On : 16 Jan 2025 22:14
Operator : MD/SY
Sample : Q1057-18DL 4X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 17 00:07:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 23:11:57 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	87994	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	84766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41264	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	12238	2.511	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 50.200%			
7) Chloroethane-d5	1.901	69	12439	3.173	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 63.400%#			
11) 1,1-Dichloroethene-d2	2.557	65	7056	2.795	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.800%#			
20) 2-Butanone-d5	4.602	46	60234	60.473	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.940%			
24) Chloroform-d	5.049	84	49646	4.140	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.800%			
26) 1,2-Dichloroethane-d4	5.689	65	29352	4.513	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
32) Benzene-d6	5.714	84	75985	3.667	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.400%			
36) 1,2-Dichloropropane-d6	6.679	67	23640	4.115	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.200%			
41) Toluene-d8	7.888	98	69795	3.457	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.200%#			
43) trans-1,3-Dichloroprop...	8.171	79	12131	4.236	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.800%			
46) 2-Hexanone-d5	8.621	63	47022	52.208	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.420%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23807	4.948	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.000%			
66) 1,2-Dichlorobenzene-d4	12.184	152	30594	4.456	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	2959	0.467	ug/L #	1
8) Chloroethane	1.924	64	1441	0.379	ug/L #	57
12) 1,1-Dichloroethene	2.570	96	15117	2.767	ug/L	95
13) Acetone	2.612	43	13676	17.332	ug/L	97
15) Methyl Acetate	2.943	43	1974	1.155	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	1365	0.091	ug/L #	68
18) trans-1,2-Dichloroethene	3.351	96	743	0.127	ug/L	88
19) 1,1-Dichloroethane	3.856	63	29708	2.839	ug/L	92
21) 2-Butanone	4.685	43	46108	43.877	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	6551	1.028	ug/L	96
34) Trichloroethene	6.531	95	24691	2.968	ug/L	96
35) Methylcyclohexane	6.679	83	6936	0.678	ug/L #	21
61) 1,2,3-Trichloropropane	11.804	75	3923	1.072	ug/L #	62

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

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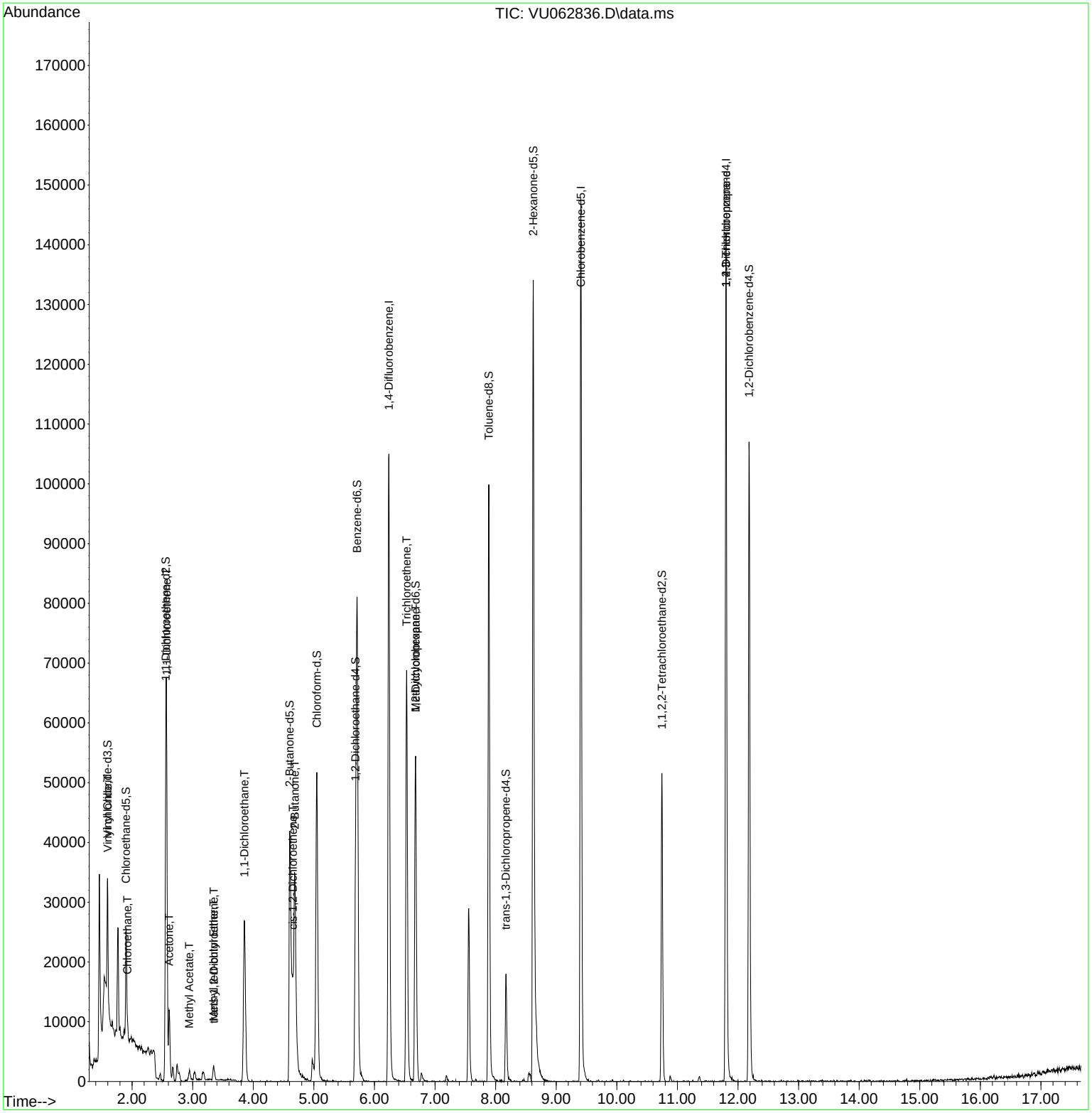
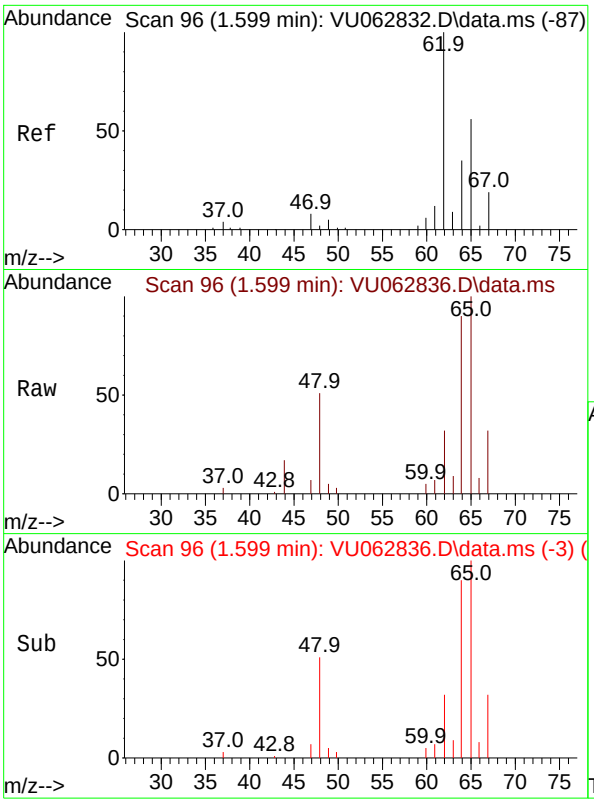
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 23:11:57 2025
Response via : Initial Calibration



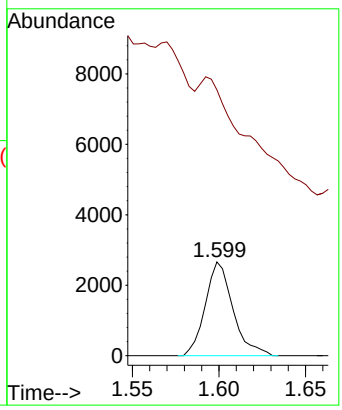


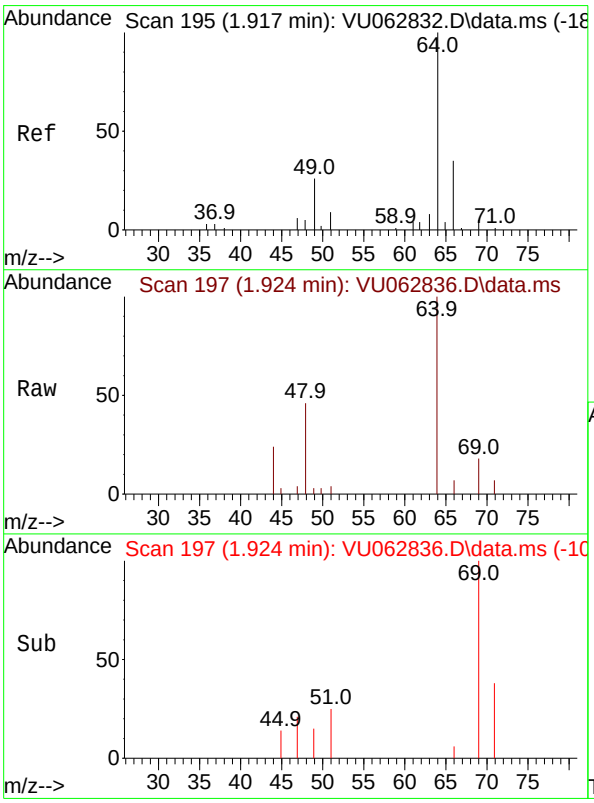
#5
Vinyl chloride
Concen: 0.467 ug/L
RT: 1.599 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 2959

Ion	Ratio	Lower	Upper
62	100		
64	283.4	23.4	43.4#

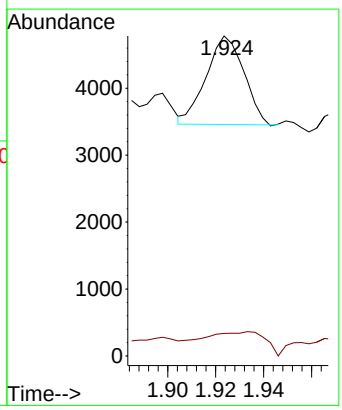


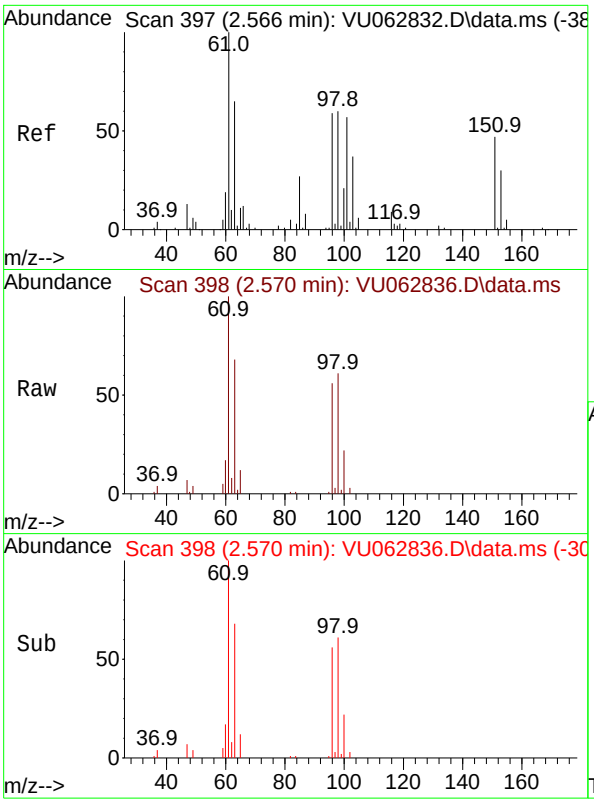


#8
Chloroethane
Concen: 0.379 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.007 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Tgt Ion: 64 Resp: 1441

Ion	Ratio	Lower	Upper
64	100		
66	7.0	21.6	40.2#



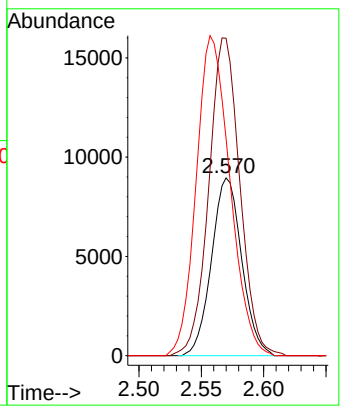


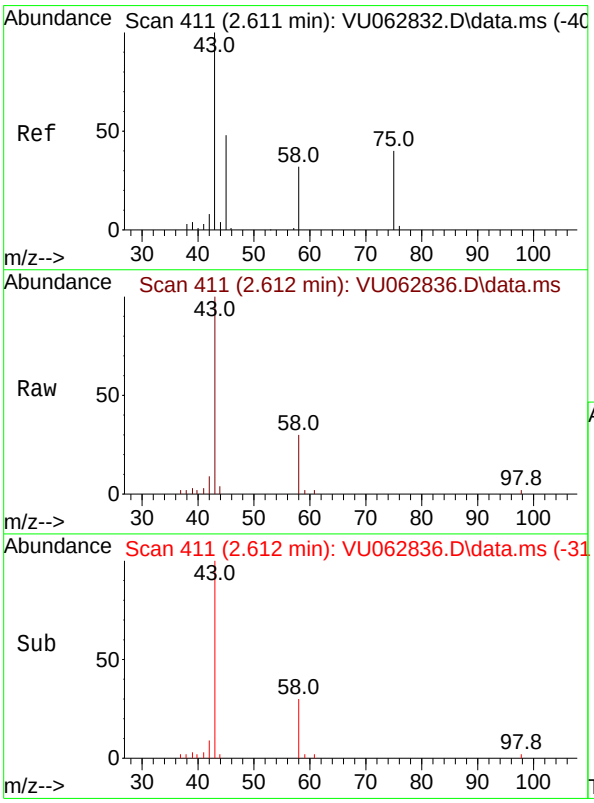
#12
1,1-Dichloroethene
Concen: 2.767 ug/L
RT: 2.570 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 15117

Ion	Ratio	Lower	Upper
96	100		
61	178.6	120.4	223.6
63	122.3	82.3	152.9

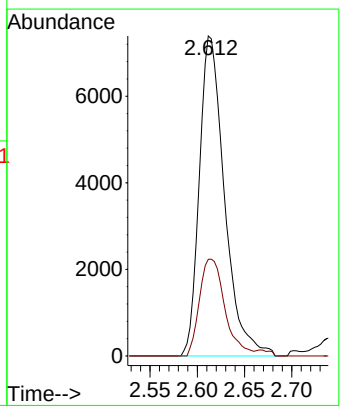


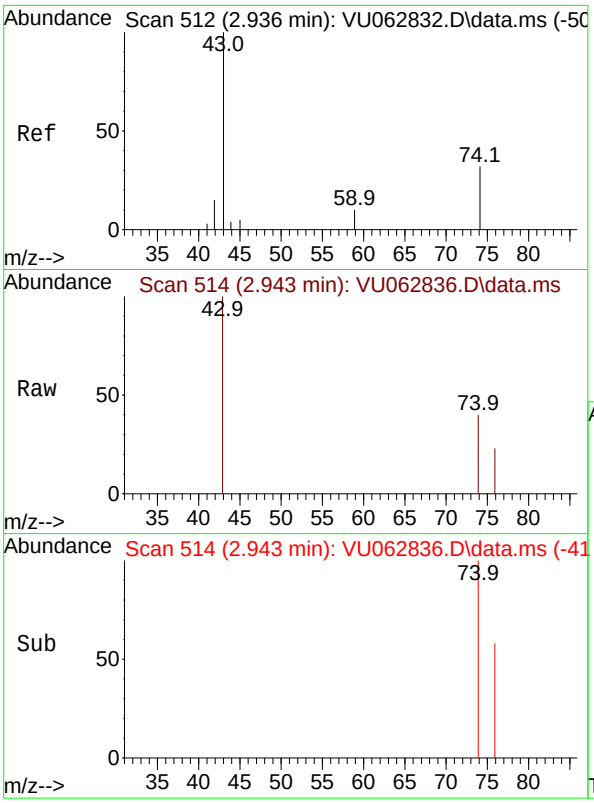


#13
Acetone
Concen: 17.332 ug/L
RT: 2.612 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Tgt Ion: 43 Resp: 13676

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	64.4



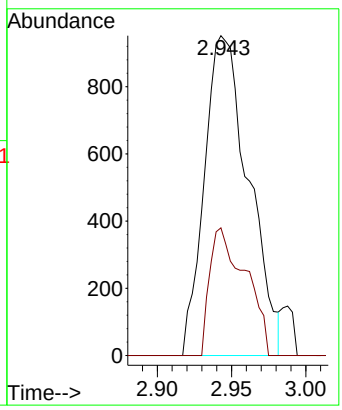


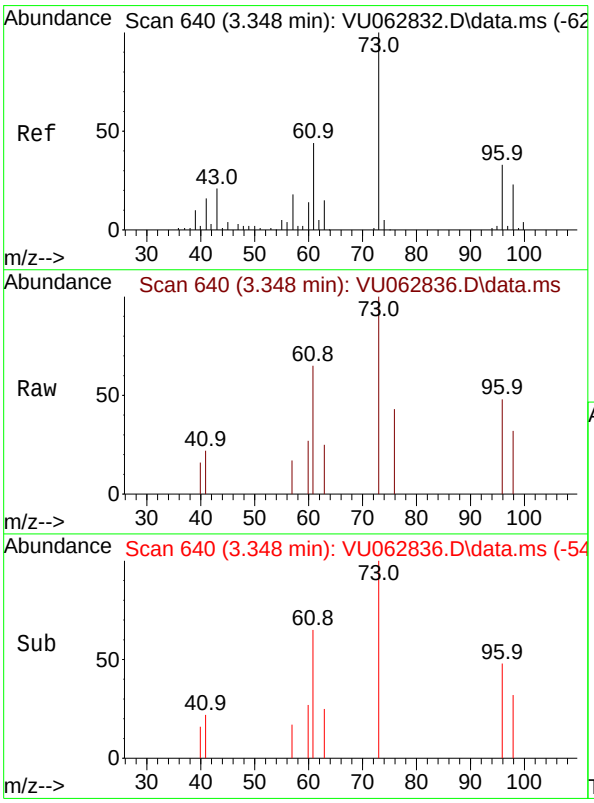
#15
Methyl Acetate
Concen: 1.155 ug/L
RT: 2.943 min Scan# 5
Delta R.T. 0.007 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1974

Ion	Ratio	Lower	Upper
43	100		
74	32.2	24.4	36.6

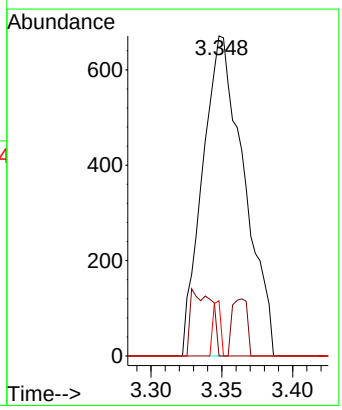


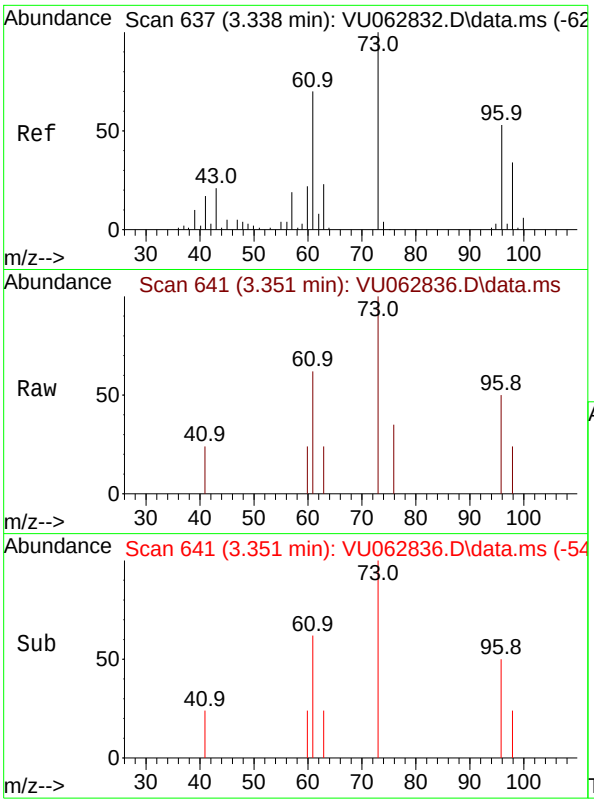


#17
Methyl tert-butyl Ether
Concen: 0.091 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Tgt Ion: 73 Resp: 1365

Ion	Ratio	Lower	Upper
73	100		
43	6.5	16.2	24.4#
57	3.2	14.6	22.0#



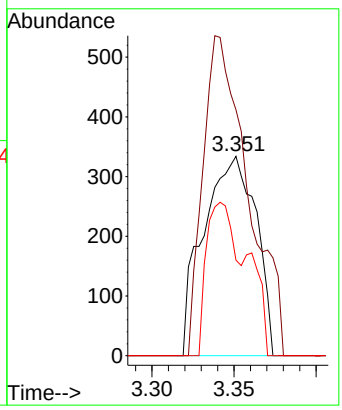


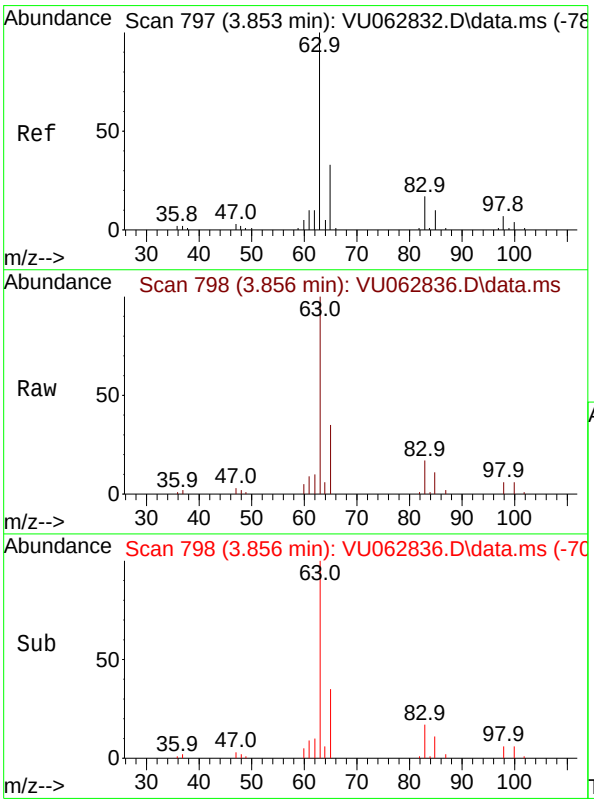
#18
trans-1,2-Dichloroethene
Concen: 0.127 ug/L
RT: 3.351 min Scan# 64
Delta R.T. 0.013 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 743

Ion	Ratio	Lower	Upper
96	100		
61	123.4	94.4	175.2
98	47.9	42.8	79.4

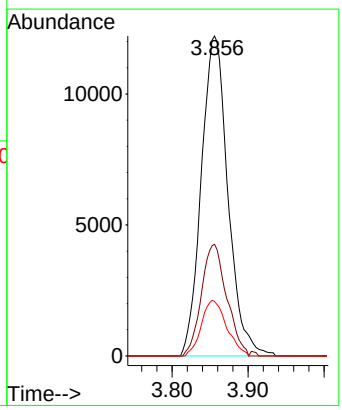


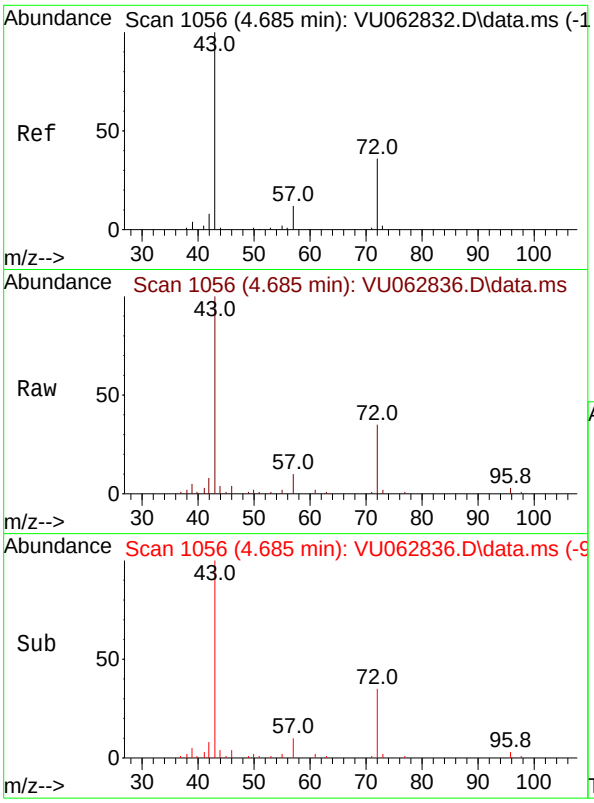


#19
1,1-Dichloroethane
Concen: 2.839 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Tgt Ion: 63 Resp: 29708

Ion	Ratio	Lower	Upper
63	100		
65	34.9	20.7	38.5
83	17.1	10.5	19.5



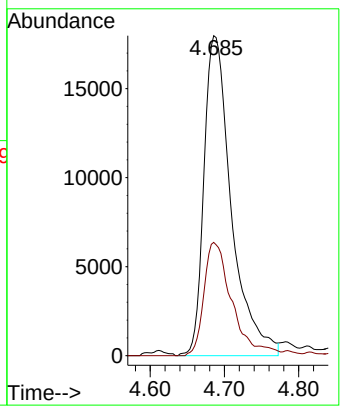


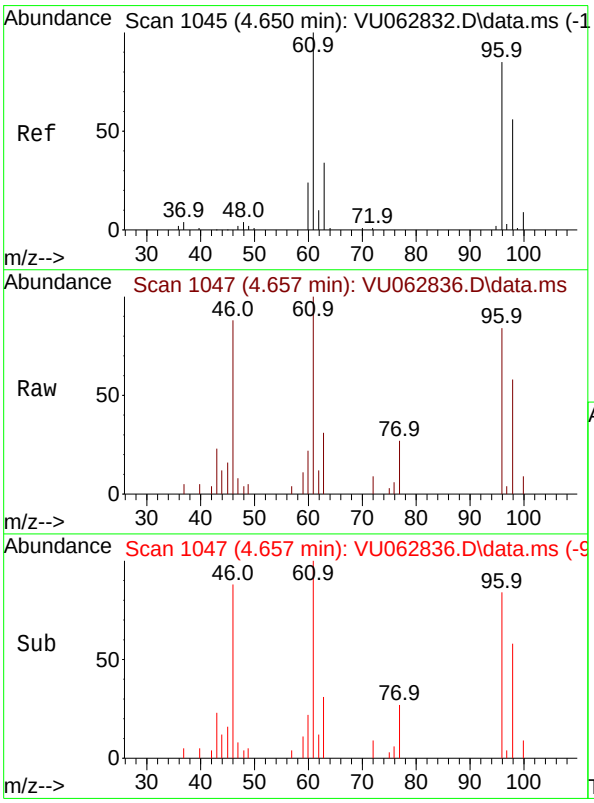
#21
2-Butanone
Concen: 43.877 ug/L
RT: 4.685 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 46108

Ion	Ratio	Lower	Upper
43	100		
72	36.1	17.1	51.2

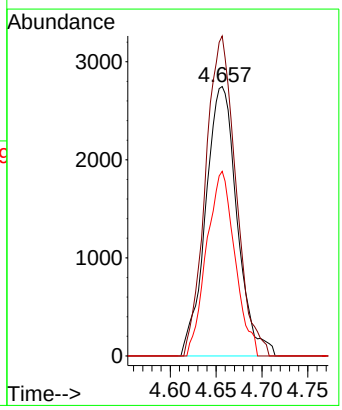


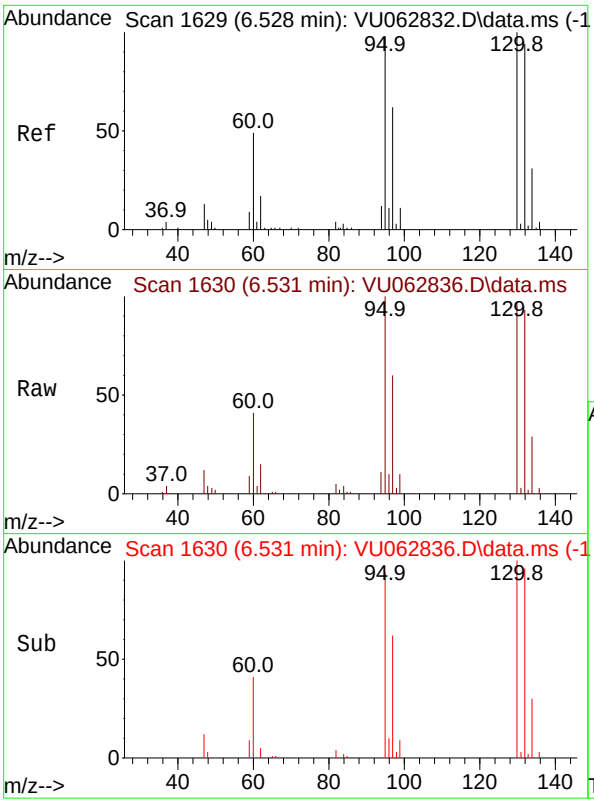


#22
cis-1,2-Dichloroethene
Concen: 1.028 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.007 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Tgt Ion: 96 Resp: 6551

Ion	Ratio	Lower	Upper
96	100		
61	118.8	84.8	157.6
98	68.5	43.1	80.1



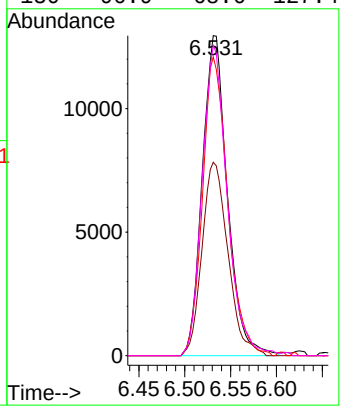


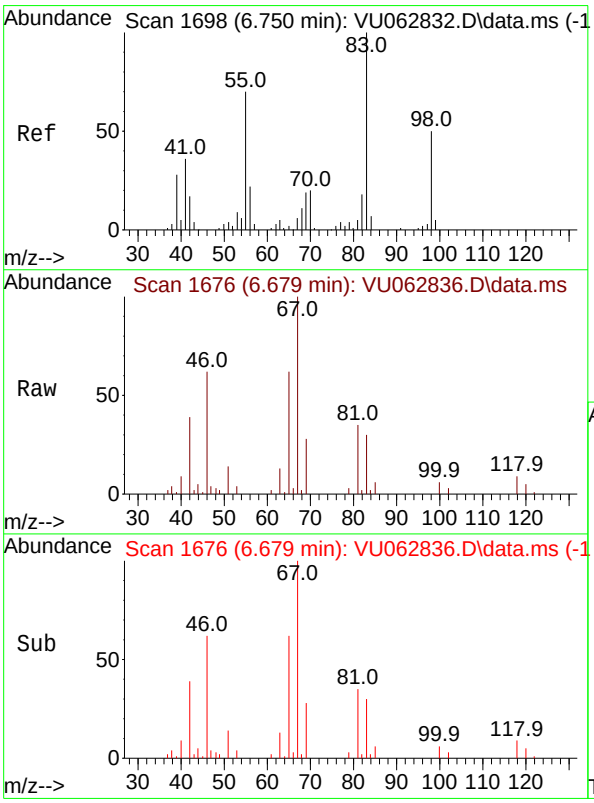
#34
Trichloroethene
Concen: 2.968 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 24691

Ion	Ratio	Lower	Upper
95	100		
97	60.5	47.5	88.3
132	93.4	66.9	124.3
130	96.9	68.6	127.4

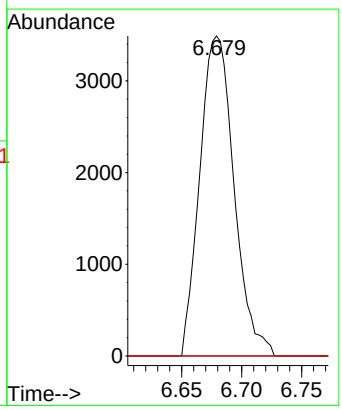


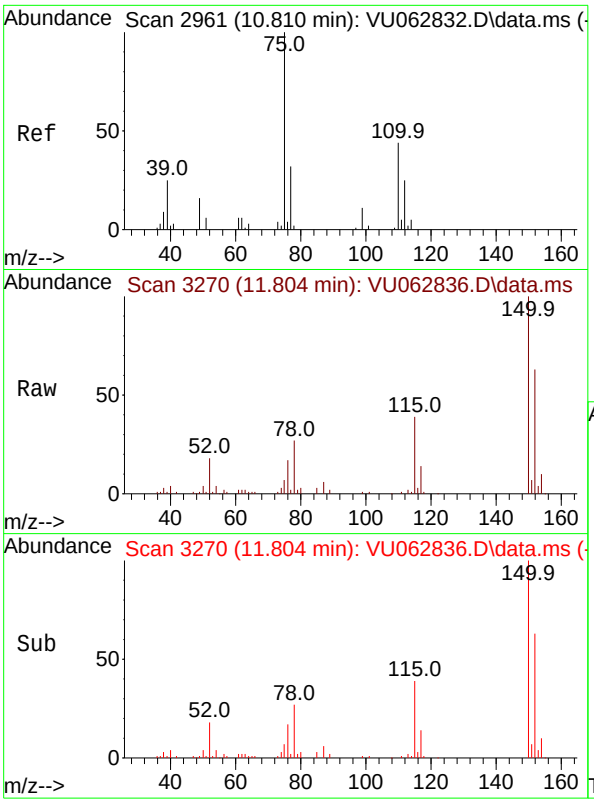


#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Tgt Ion: 83 Resp: 6936

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	1.2	36.6	55.0#





#61
1,2,3-Trichloropropane
Concen: 1.072 ug/L
RT: 11.804 min Scan# 3
Delta R.T. 0.994 min
Lab File: VU062836.D
Acq: 16 Jan 2025 22:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3923

Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	33.5	25.9	38.9