Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
Data File : VU062747.D
Acq On : 14 Jan 2025 16:31
Operator : MD/SY
Sample : Q1057-15
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 00:36:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 15 00:31:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93833	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18364	3.534	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.600%			
7) Chloroethane-d5	1.901	69	17440	4.172	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.400%			
11) 1,1-Dichloroethene-d2	2.557	65	9681	3.596	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.000%			
20) 2-Butanone-d5	4.605	46	55109	51.885	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.780%			
24) Chloroform-d	5.049	84	58109	4.545	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
26) 1,2-Dichloroethane-d4	5.689	65	33911	4.890	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
32) Benzene-d6	5.714	84	96132	4.392	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.800%			
36) 1,2-Dichloropropane-d6	6.679	67	28181	4.644	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.800%			
41) Toluene-d8	7.888	98	89630	4.203	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.000%			
43) trans-1,3-Dichloroprop...	8.171	79	12351	4.083	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.600%			
46) 2-Hexanone-d5	8.621	63	43294	45.504	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.000%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24706	4.861	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	36270	5.109	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	790	0.132	ug/L	91
8) Chloroethane	1.933	64	1054	0.260	ug/L #	52
12) 1,1-Dichloroethene	2.570	96	16772	2.879	ug/L	89
13) Acetone	2.615	43	11780	14.000	ug/L	94
14) Carbon disulfide	2.782	76	14888	0.800	ug/L	99
15) Methyl Acetate	2.943	43	3820	2.097	ug/L	92
19) 1,1-Dichloroethane	3.853	63	25578	2.292	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	49645	7.305	ug/L	98
34) Trichloroethene	6.531	95	8870	1.009	ug/L	97
35) Methylcyclohexane	6.679	83	8187	0.757	ug/L #	24
37) 1,2-Dichloropropane	6.679	63	3843	0.633	ug/L #	85
42) Toluene	7.962	91	4123	0.146	ug/L	91
61) 1,2,3-Trichloropropane	11.804	75	4168	1.101	ug/L #	57

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

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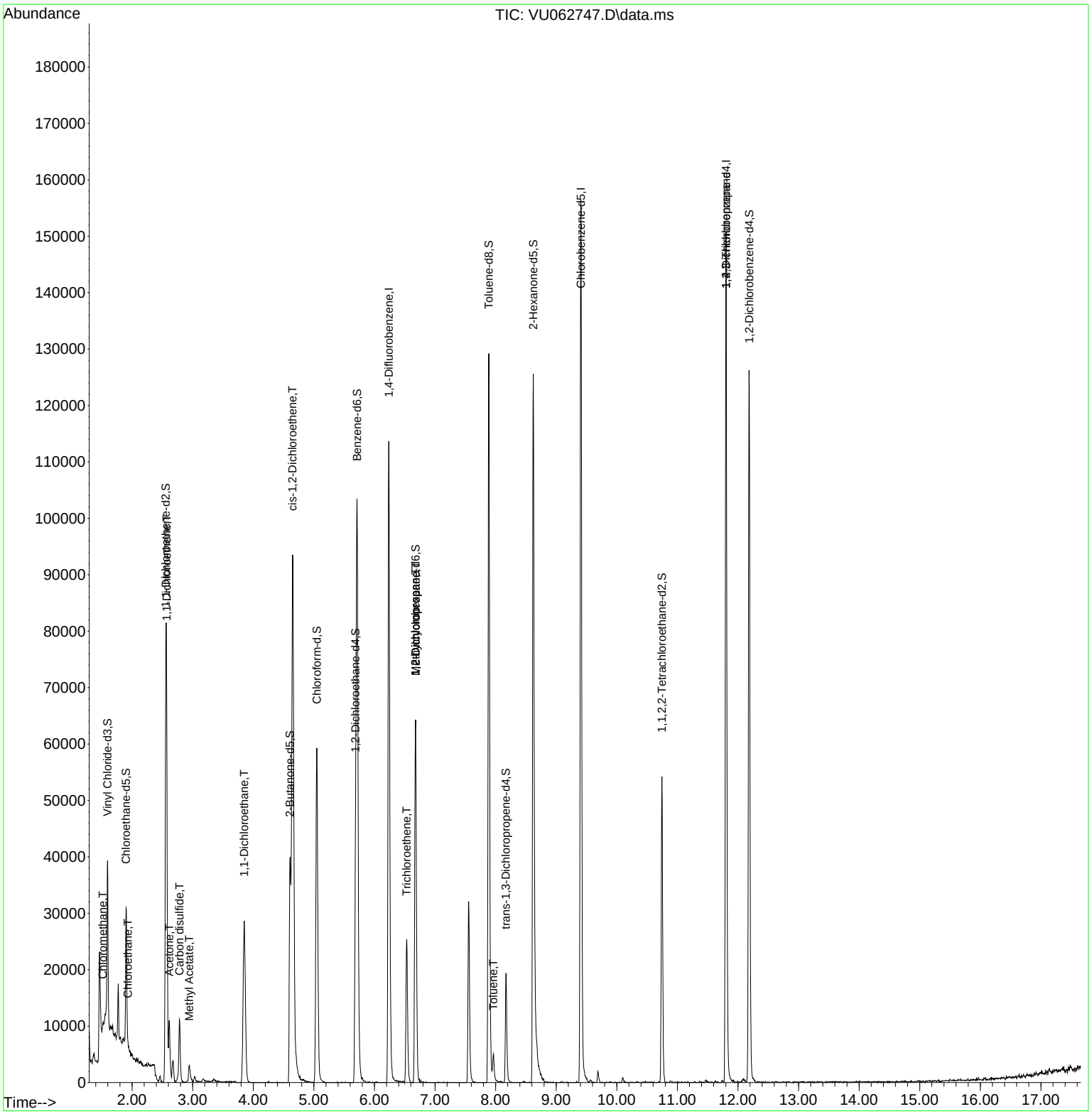
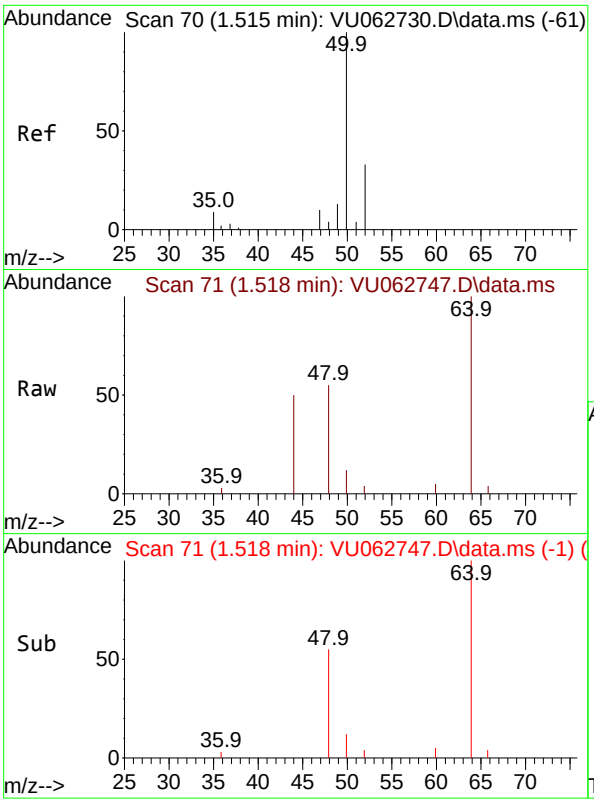
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 00:36:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 15 00:31:11 2025
Response via : Initial Calibration



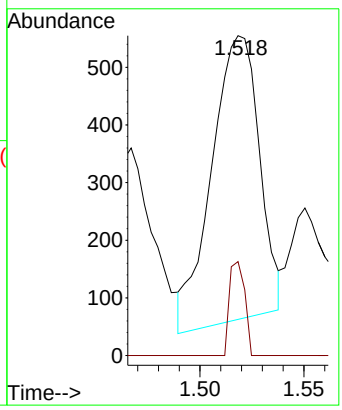


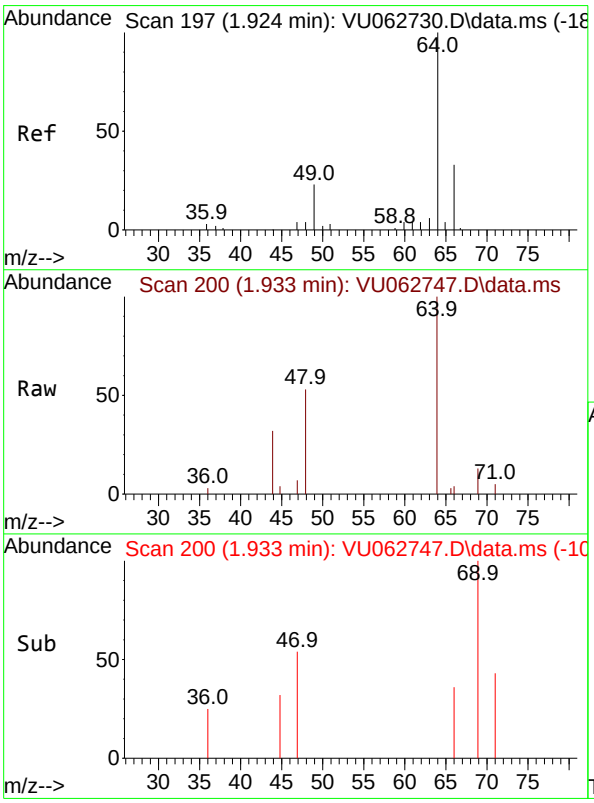
#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.518 min Scan# 7
Delta R.T. 0.003 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 790

Ion	Ratio	Lower	Upper
50	100		
52	29.4	24.1	44.7

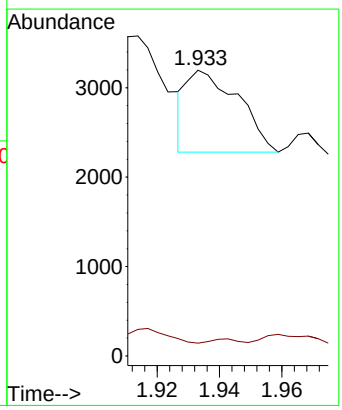


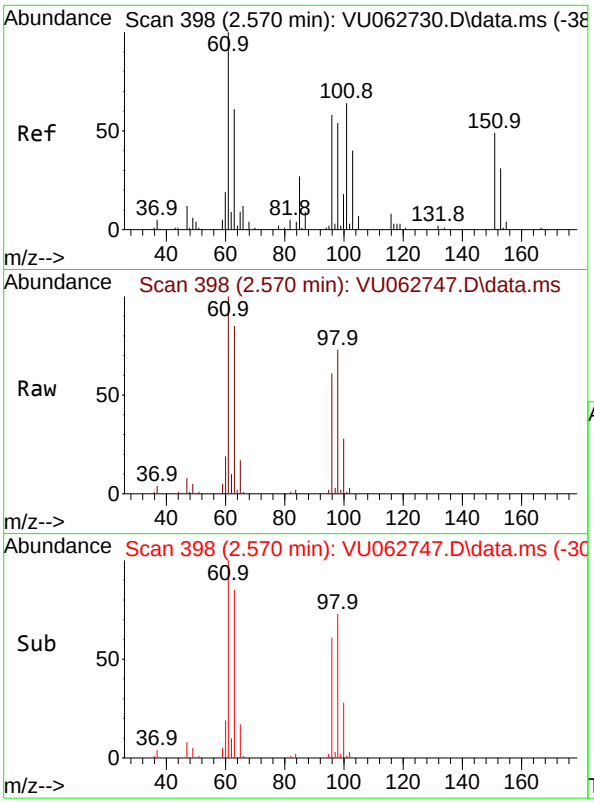


#8
Chloroethane
Concen: 0.260 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.009 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 64 Resp: 1054

Ion	Ratio	Lower	Upper
64	100		
66	4.5	21.6	40.2#



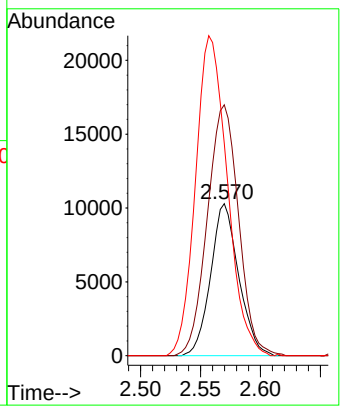


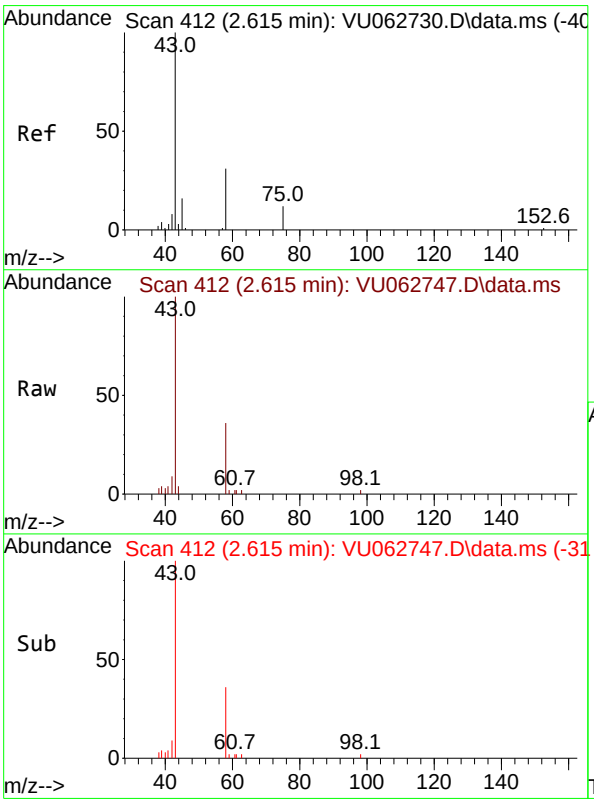
#12
1,1-Dichloroethene
Concen: 2.879 ug/L
RT: 2.570 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 16772

Ion	Ratio	Lower	Upper
96	100		
61	165.0	120.4	223.6
63	139.7	82.3	152.9

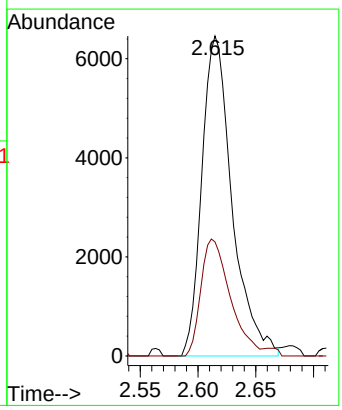


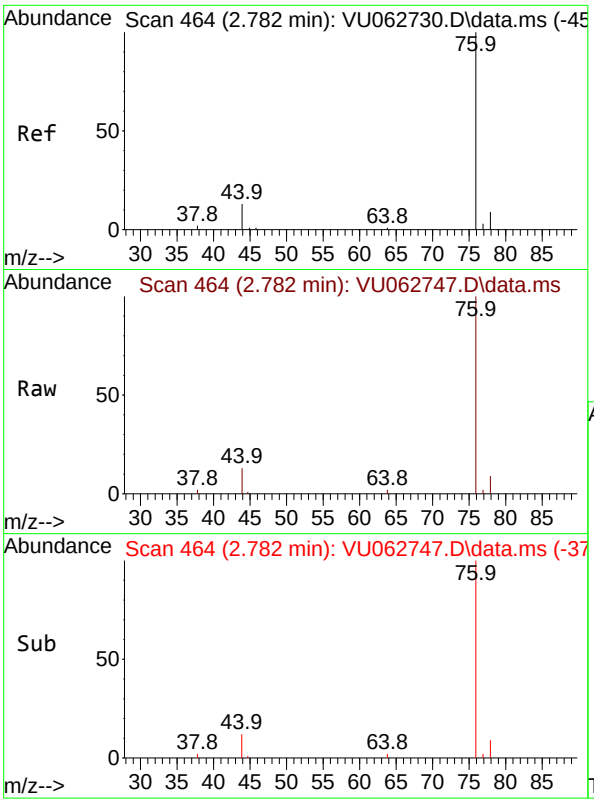


#13
Acetone
Concen: 14.000 ug/L
RT: 2.615 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 43 Resp: 11780

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	64.4



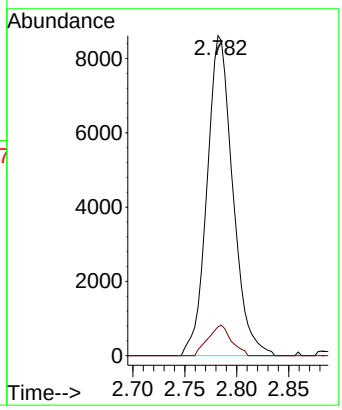


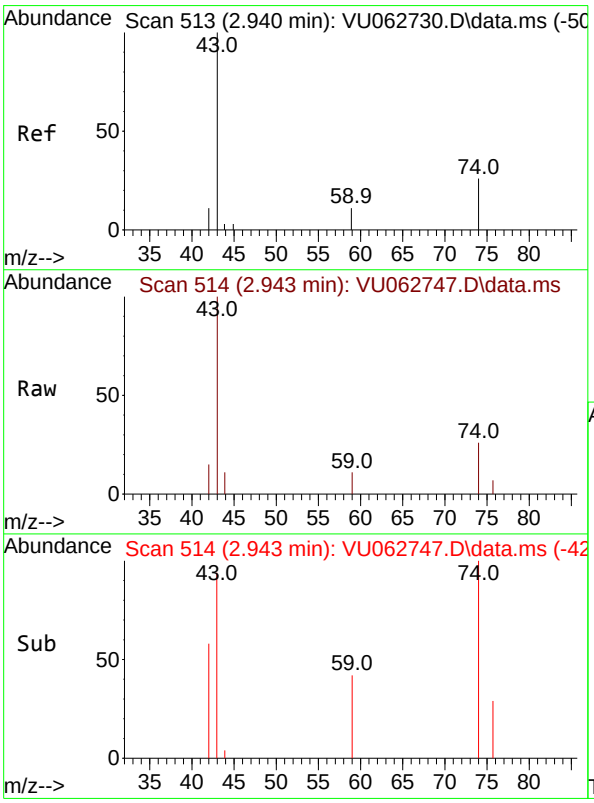
#14
Carbon disulfide
Concen: 0.800 ug/L
RT: 2.782 min Scan# 4
Delta R.T. -0.000 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 14888

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

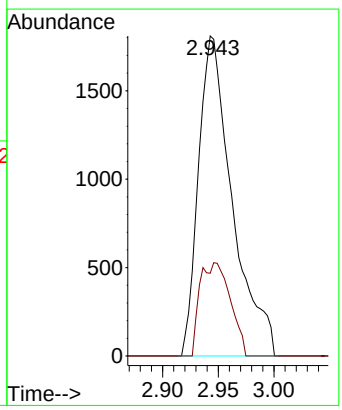


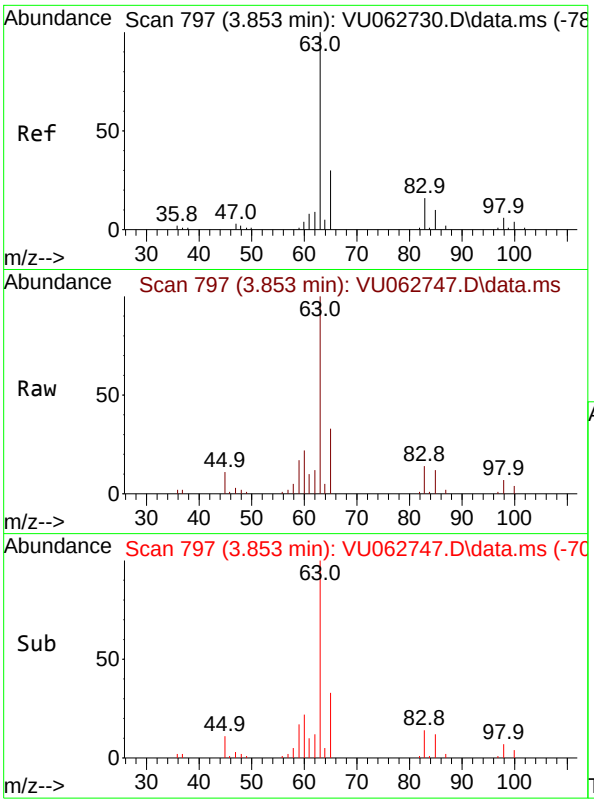


#15
Methyl Acetate
Concen: 2.097 ug/L
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 43 Resp: 3820

Ion	Ratio	Lower	Upper
43	100		
74	26.2	24.4	36.6



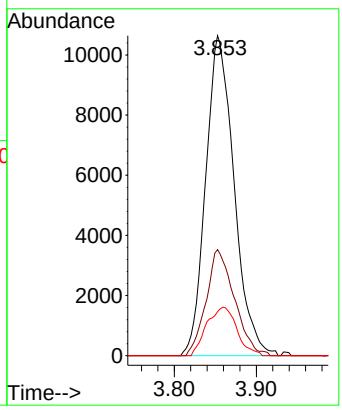


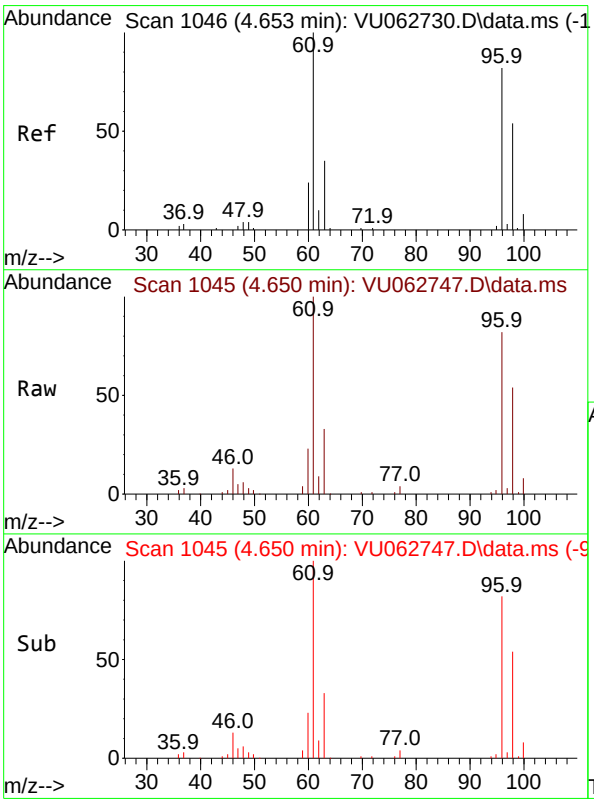
#19
1,1-Dichloroethane
Concen: 2.292 ug/L
RT: 3.853 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 25578

Ion	Ratio	Lower	Upper
63	100		
65	33.2	20.7	38.5
83	13.7	10.5	19.5

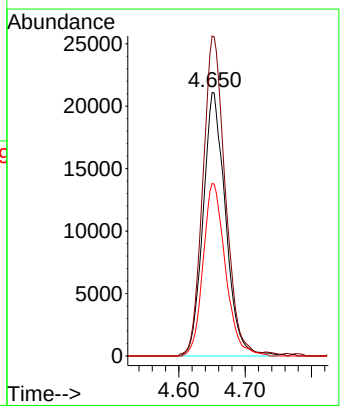


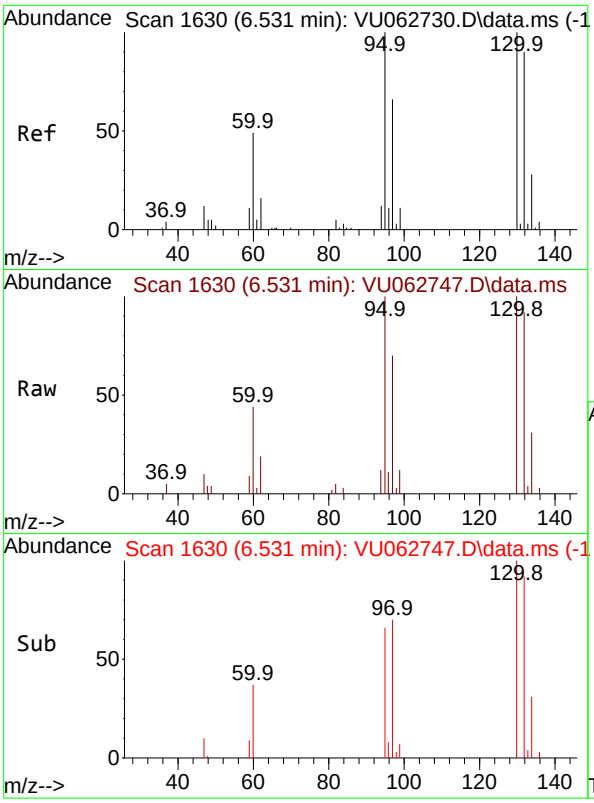


#22
cis-1,2-Dichloroethene
Concen: 7.305 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 96 Resp: 49645

Ion	Ratio	Lower	Upper
96	100		
61	121.4	84.8	157.6
98	65.4	43.1	80.1



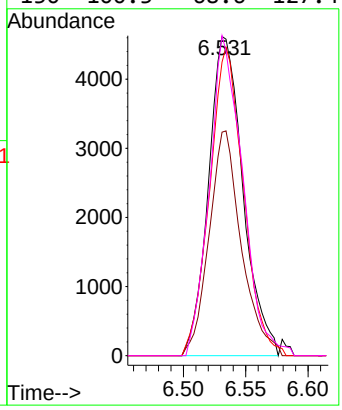


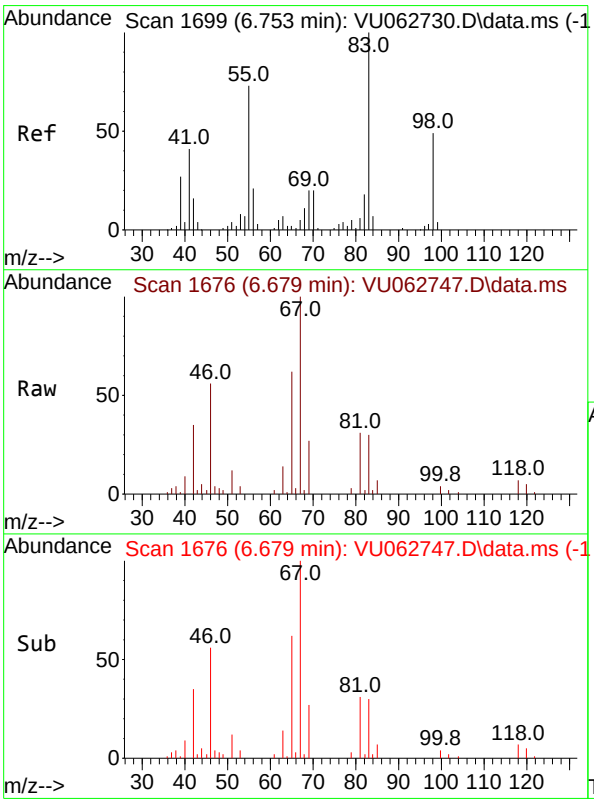
#34
Trichloroethene
Concen: 1.009 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 8870

Ion	Ratio	Lower	Upper
95	100		
97	70.1	47.5	88.3
132	92.0	66.9	124.3
130	100.3	68.6	127.4

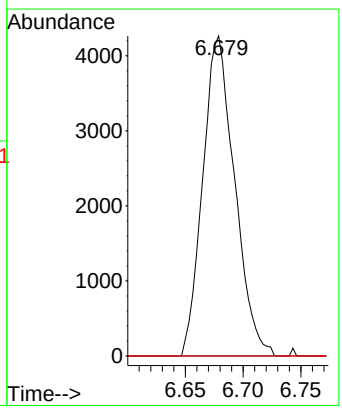


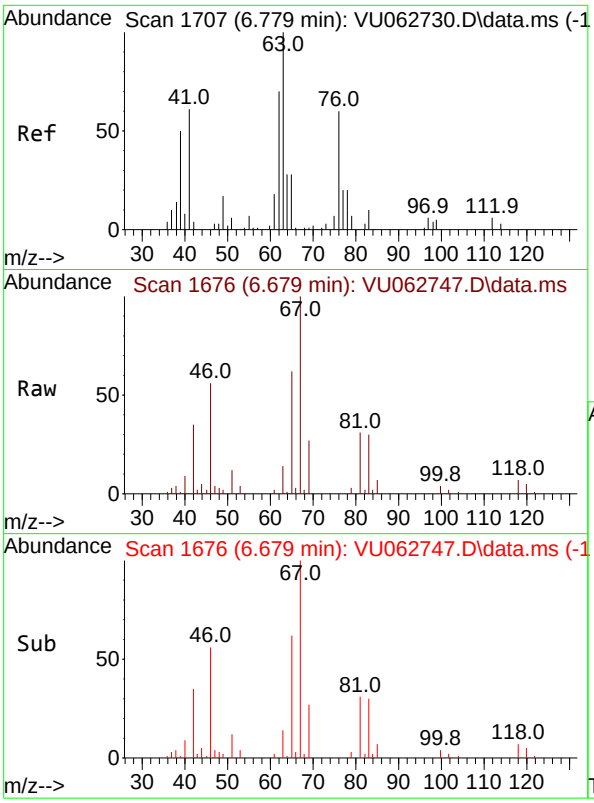


#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 83 Resp: 8187

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	5.8	36.6	55.0#



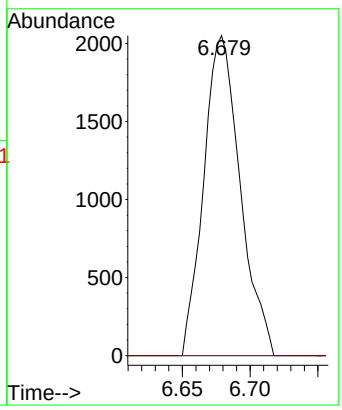


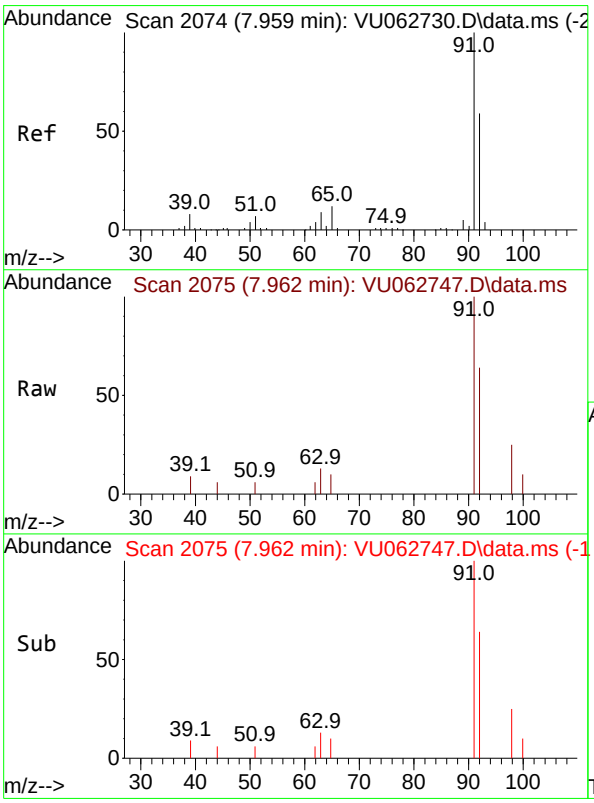
#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3843

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

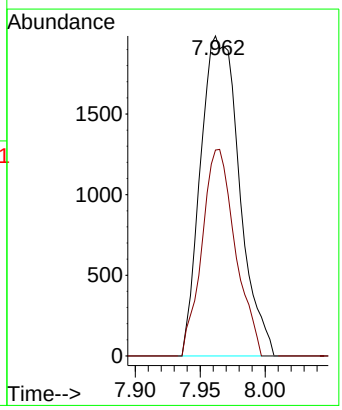


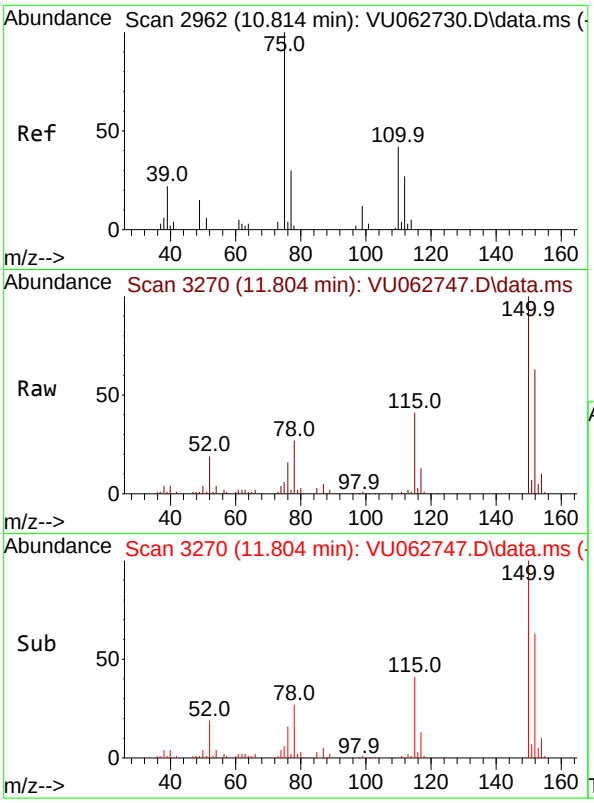


#42
Toluene
Concen: 0.146 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 91 Resp: 4123

Ion	Ratio	Lower	Upper
91	100		
92	64.4	40.4	75.0





#61
1,2,3-Trichloropropane
Concen: 1.101 ug/L
RT: 11.804 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4168

Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	40.3	25.9	38.9#