Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
Data File : VU062740.D
Acq On : 14 Jan 2025 13:42
Operator : MD/SY
Sample : Q1057-08
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 00:34:32 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	6.239	114	97344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17718	3.286	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.800%			
7) Chloroethane-d5	1.904	69	16805	3.875	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.400%			
11) 1,1-Dichloroethene-d2	2.557	65	9658	3.458	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.200%			
20) 2-Butanone-d5	4.618	46	58531	53.119	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.240%			
24) Chloroform-d	5.049	84	57358	4.324	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
26) 1,2-Dichloroethane-d4	5.692	65	33367	4.638	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.800%			
32) Benzene-d6	5.714	84	94116	4.225	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
36) 1,2-Dichloropropane-d6	6.679	67	28548	4.622	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.400%			
41) Toluene-d8	7.888	98	86216	3.973	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.400%			
43) trans-1,3-Dichloroprop...	8.171	79	13196	4.286	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.800%			
46) 2-Hexanone-d5	8.627	63	47250	48.801	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.600%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24042	4.648	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.000%			
66) 1,2-Dichlorobenzene-d4	12.184	152	33657	4.701	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	7156	1.184	ug/L #	16
17) Methyl tert-butyl Ether	3.354	73	17923	1.079	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	7592	0.549	ug/L	93
34) Trichloroethene	6.531	95	66489	7.434	ug/L	99
35) Methylcyclohexane	6.679	83	7613	0.692	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3735	0.605	ug/L #	85
47) Tetrachloroethene	8.547	164	3192	0.518	ug/L	96
49) Dibromochloromethane	8.544	129	3472	0.516	ug/L #	12
61) 1,2,3-Trichloropropane	11.801	75	4080	1.069	ug/L #	55

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

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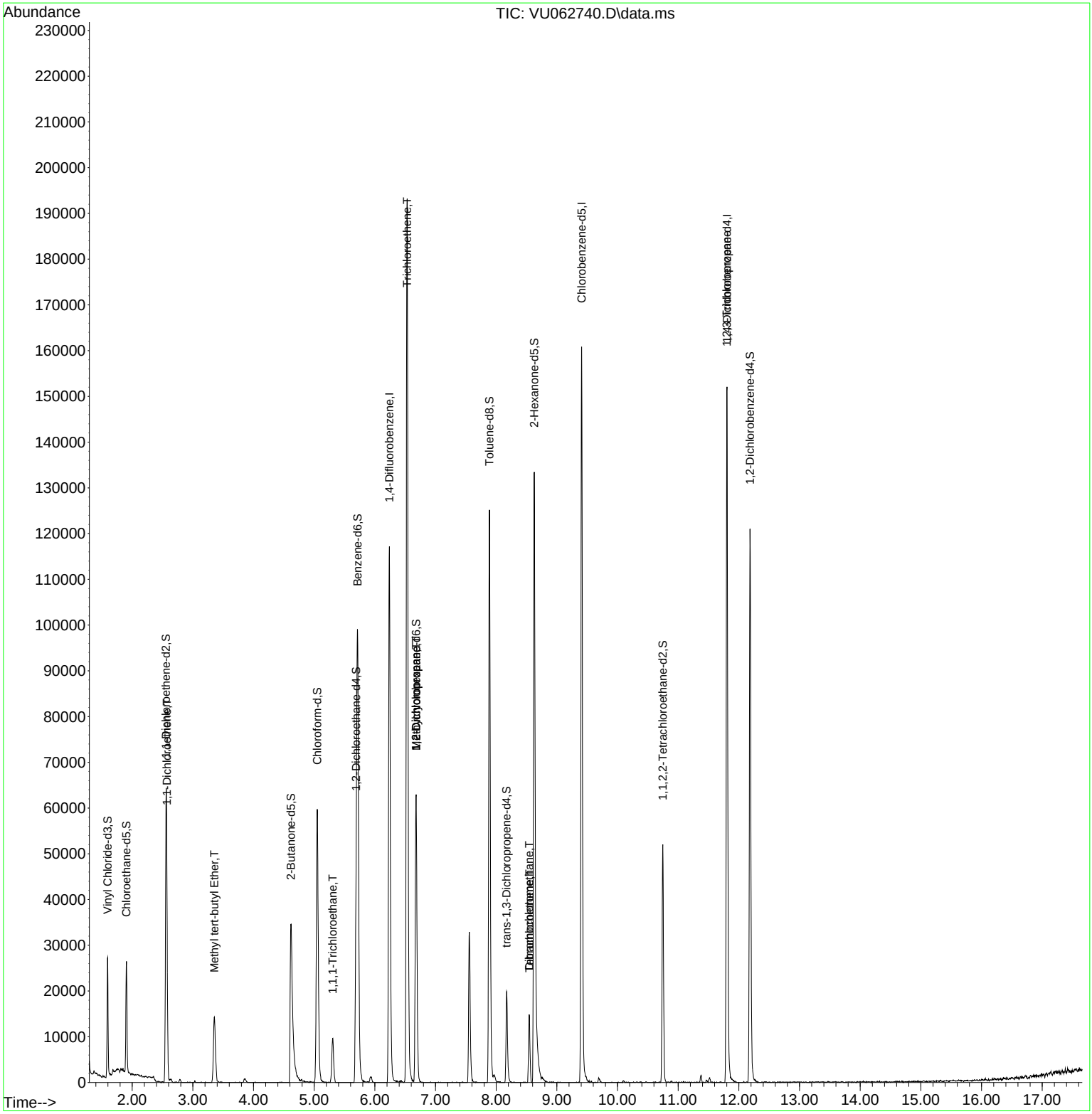
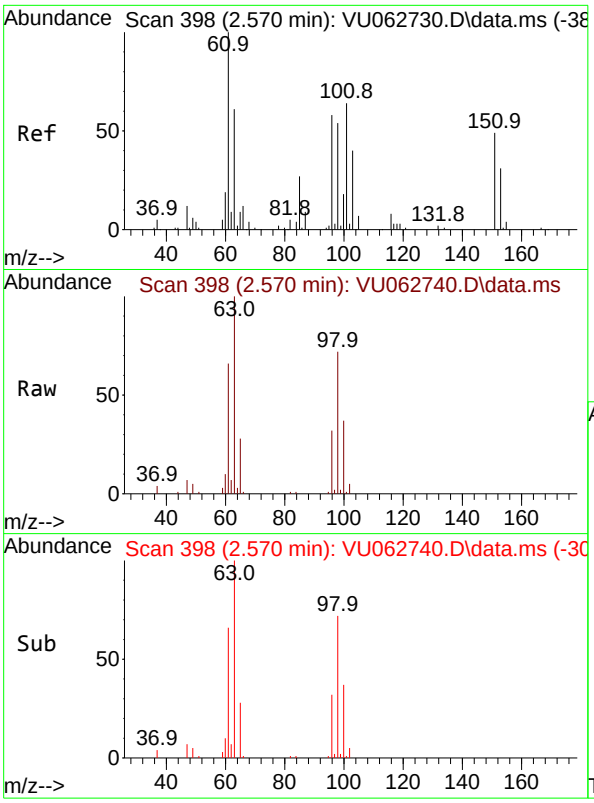
Sample : Q1057-08
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 00:34:32 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



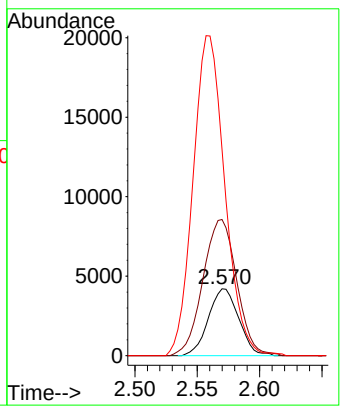


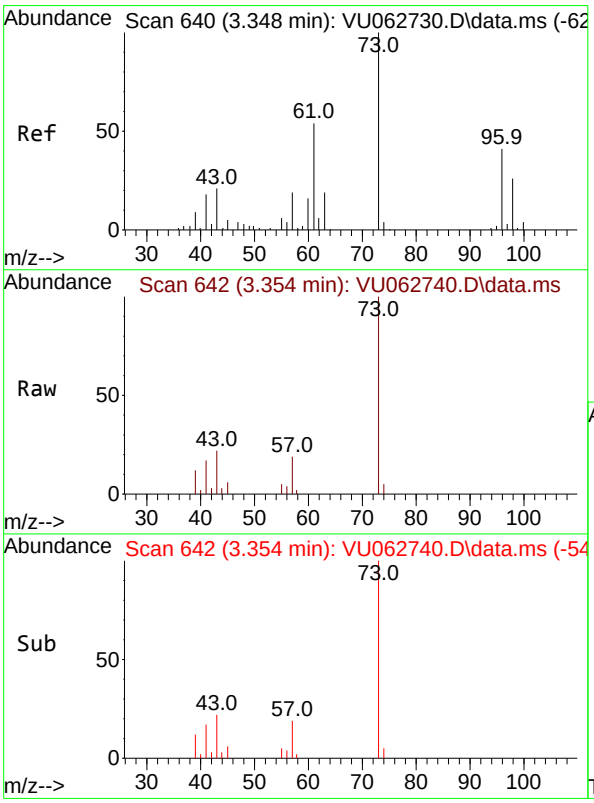
#12
1,1-Dichloroethene
Concen: 1.184 ug/L
RT: 2.570 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU062740.D
Acq: 14 Jan 2025 13:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 7156

Ion	Ratio	Lower	Upper
96	100		
61	203.7	120.4	223.6
63	308.4	82.3	152.9#

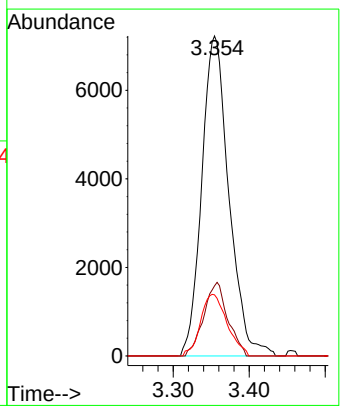


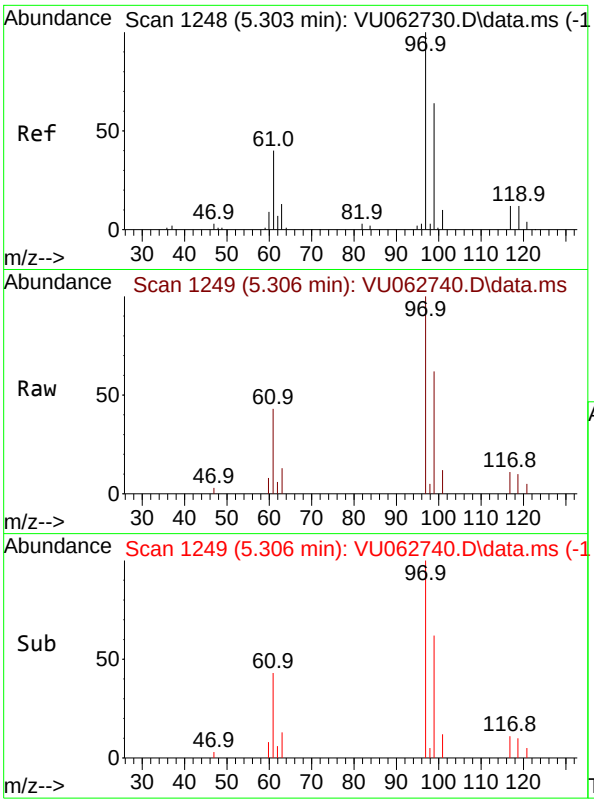


#17
Methyl tert-butyl Ether
Concen: 1.079 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU062740.D
Acq: 14 Jan 2025 13:42

Tgt Ion: 73 Resp: 17923

Ion	Ratio	Lower	Upper
73	100		
43	20.4	16.2	24.4
57	18.8	14.6	22.0



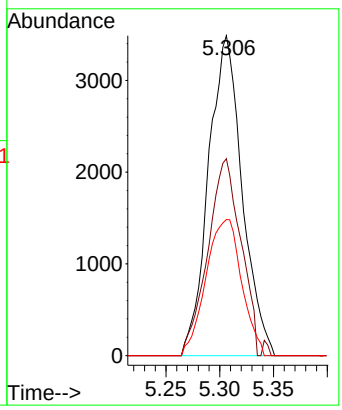


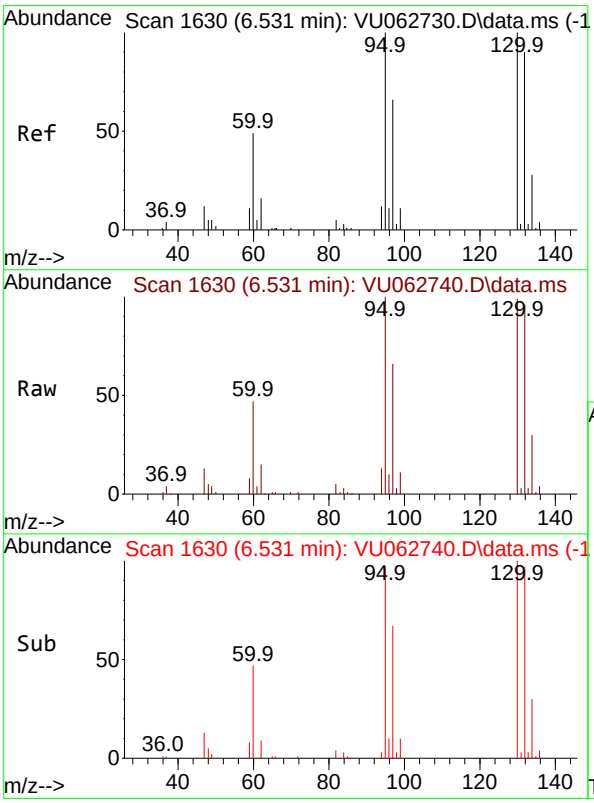
#29
1,1,1-Trichloroethane
Concen: 0.549 ug/L
RT: 5.306 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU062740.D
Acq: 14 Jan 2025 13:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 7592

Ion	Ratio	Lower	Upper
97	100		
99	60.5	52.4	78.6
61	45.1	32.2	48.4

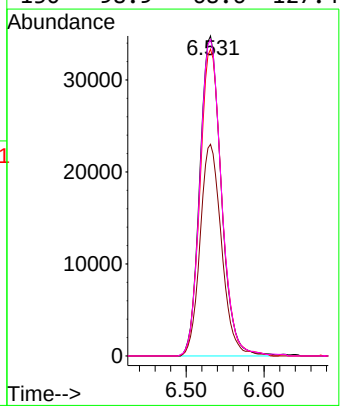


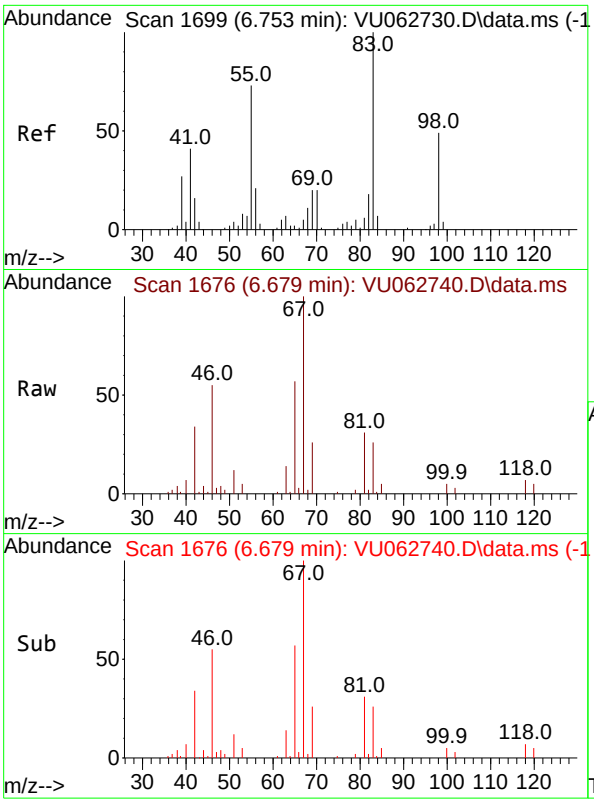


#34
Trichloroethene
Concen: 7.434 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062740.D
Acq: 14 Jan 2025 13:42

Tgt Ion: 95 Resp: 66489

Ion	Ratio	Lower	Upper
95	100		
97	66.2	47.5	88.3
132	95.9	66.9	124.3
130	98.9	68.6	127.4



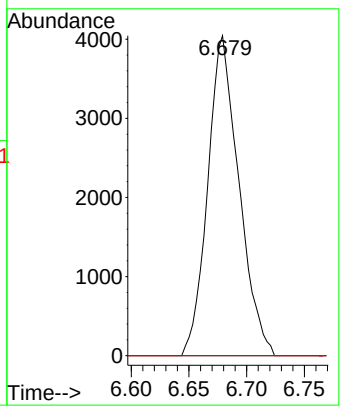


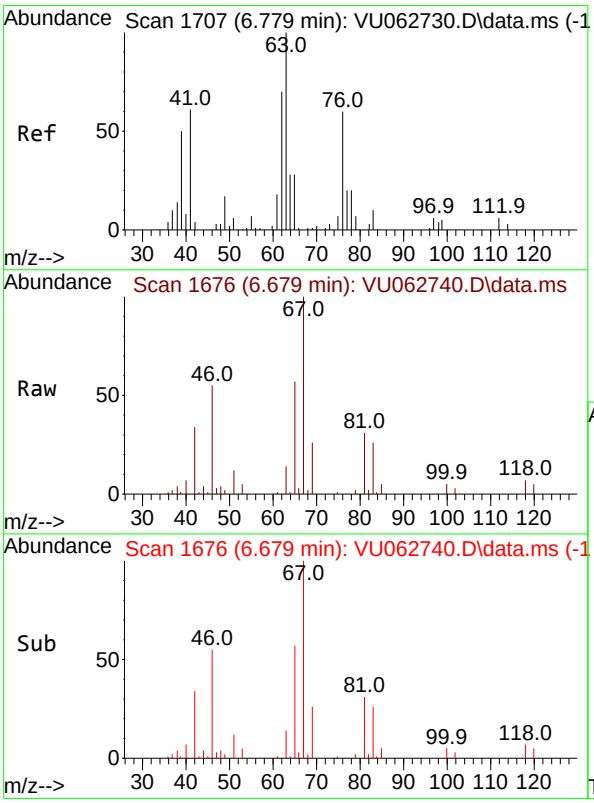
#35
Methylcyclohexane
Concen: 0.692 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU062740.D
Acq: 14 Jan 2025 13:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 7613

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

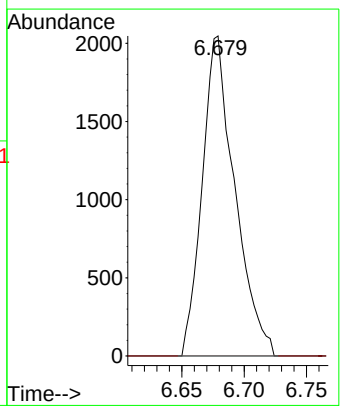


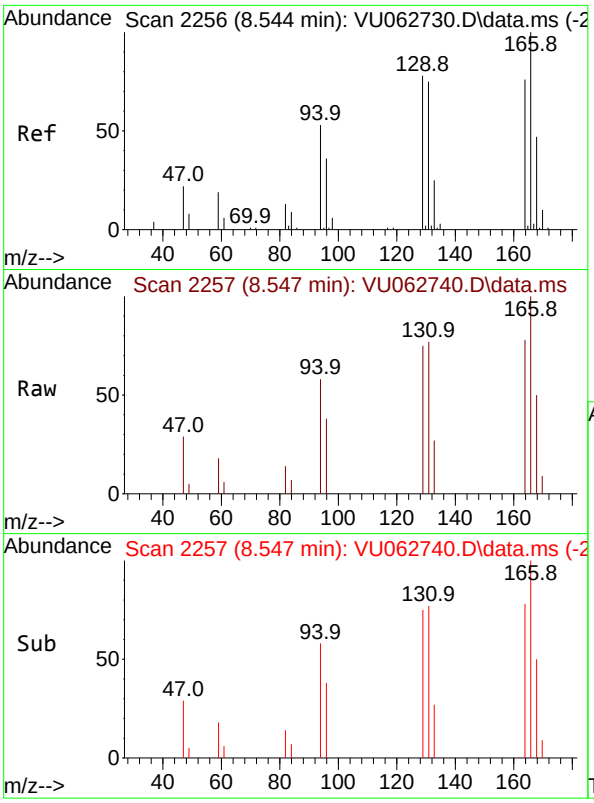


#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU062740.D
Acq: 14 Jan 2025 13:42

Tgt Ion: 63 Resp: 3735

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



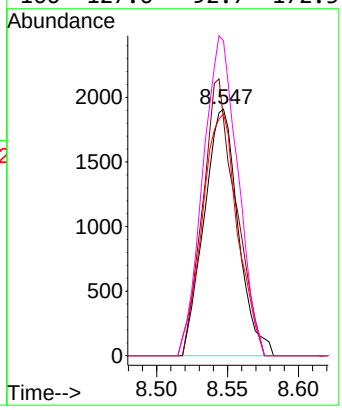


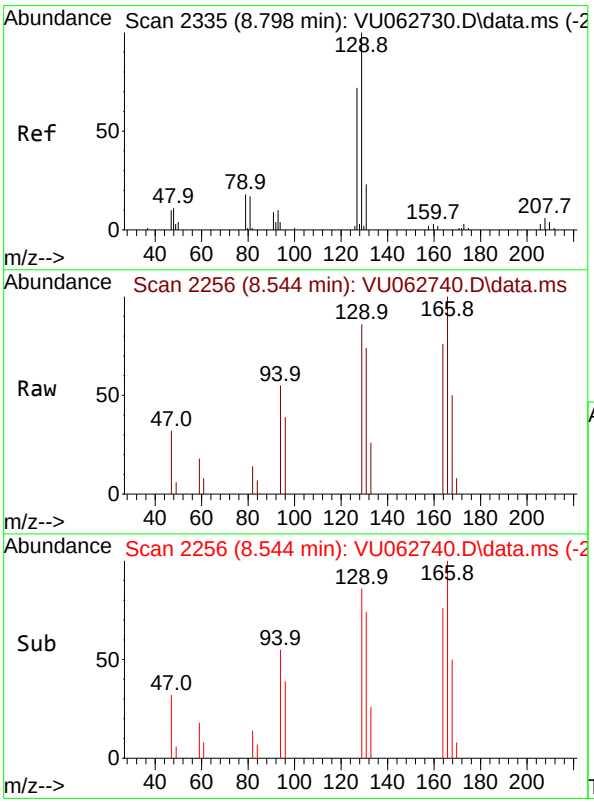
#47
Tetrachloroethene
Concen: 0.518 ug/L
RT: 8.547 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU062740.D
Acq: 14 Jan 2025 13:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 3192

Ion	Ratio	Lower	Upper
164	100		
129	95.9	71.0	131.9
131	98.1	69.4	129.0
166	127.6	92.7	172.3

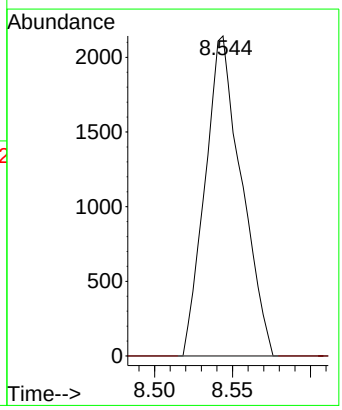


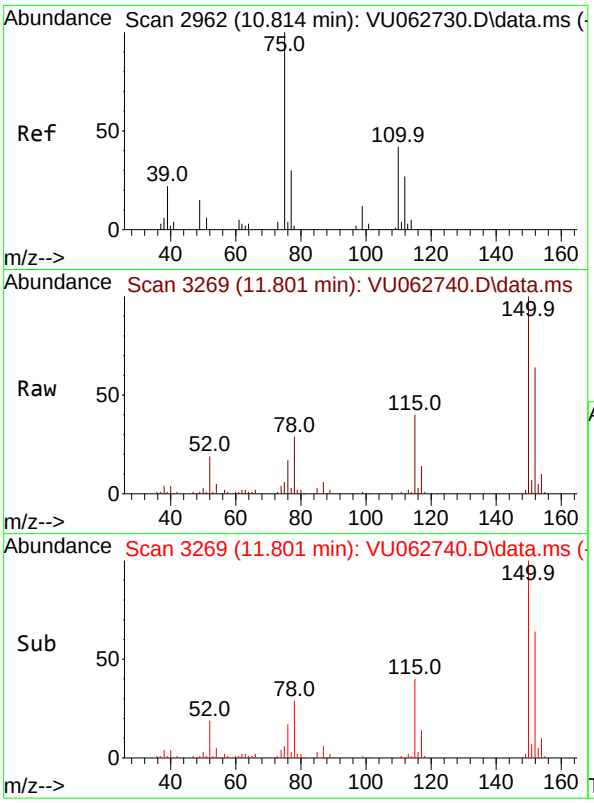


#49
Dibromochloromethane
Concen: 0.516 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.254 min
Lab File: VU062740.D
Acq: 14 Jan 2025 13:42

Tgt Ion:129 Resp: 3472

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.1	96.9#





#61
1,2,3-Trichloropropane
Concen: 1.069 ug/L
RT: 11.801 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU062740.D
Acq: 14 Jan 2025 13:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4080

Ion	Ratio	Lower	Upper
75	100		
110	1.1	33.2	49.8#
77	43.4	25.9	38.9#