Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062891.D
Acq On : 17 Jan 2025 23:36
Operator : MD/SY
Sample : Q1086-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 18 00:59:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	97295	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19510	3.621	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.400%			
7) Chloroethane-d5	1.901	69	18388	4.242	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.800%			
11) 1,1-Dichloroethene-d2	2.550	65	11864	4.250	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.000%			
20) 2-Butanone-d5	4.608	46	53752	48.807	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.620%			
24) Chloroform-d	5.052	84	57809	4.360	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
26) 1,2-Dichloroethane-d4	5.695	65	34135	4.747	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	5.717	84	102022	4.732	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
36) 1,2-Dichloropropane-d6	6.679	67	28557	4.777	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.600%			
41) Toluene-d8	7.888	98	93360	4.445	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
43) trans-1,3-Dichloroprop...	8.171	79	14637	4.912	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.200%			
46) 2-Hexanone-d5	8.621	63	42624	45.482	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.960%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24275	4.849	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.000%			
66) 1,2-Dichlorobenzene-d4	12.183	152	33745	5.042	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.800%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	887	0.143	ug/L	99
5) Vinyl chloride	1.599	62	6365	0.909	ug/L #	81
8) Chloroethane	1.923	64	2585	0.614	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	33529	4.912	ug/L #	29
12) 1,1-Dichloroethene	2.563	96	14048095	2325.904	ug/L #	46
16) Methylene chloride	3.029	84	1565	0.237	ug/L	89
19) 1,1-Dichloroethane	3.853	63	4833230	417.755	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	2217	0.315	ug/L	90
25) Chloroform	5.078	83	31164	2.189	ug/L	97
27) 1,2-Dichloroethane	5.785	62	49065	5.270	ug/L	98
31) Carbon tetrachloride	5.357	117	15124300	1230.085	ug/L	99
34) Trichloroethene	6.531	95	712959	82.360	ug/L	99
35) Methylcyclohexane	6.679	83	8432	0.792	ug/L #	20
45) 1,1,2-Trichloroethane	8.393	97	2457	0.506	ug/L	94
47) Tetrachloroethene	8.544	164	18900	3.170	ug/L	97
49) Dibromochloromethane	8.544	129	19271	2.956	ug/L #	12
61) 1,2,3-Trichloropropane	10.630	75	471	0.132	ug/L #	9

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062891.D
Acq On : 17 Jan 2025 23:36
Operator : MD/SY
Sample : Q1086-11
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 18 00:59:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062891.D
Acq On : 17 Jan 2025 23:36
Operator : MD/SY
Sample : Q1086-11
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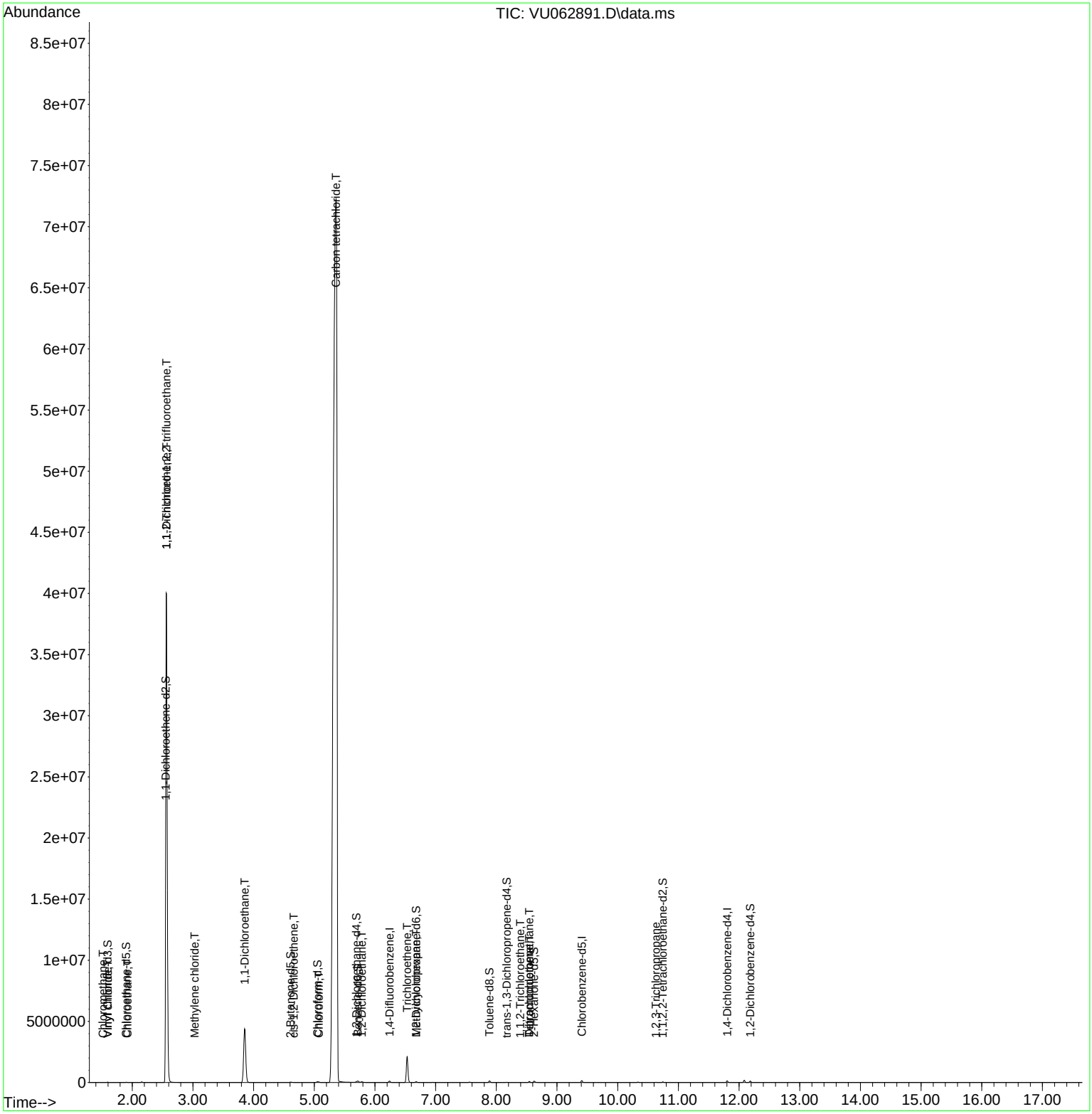
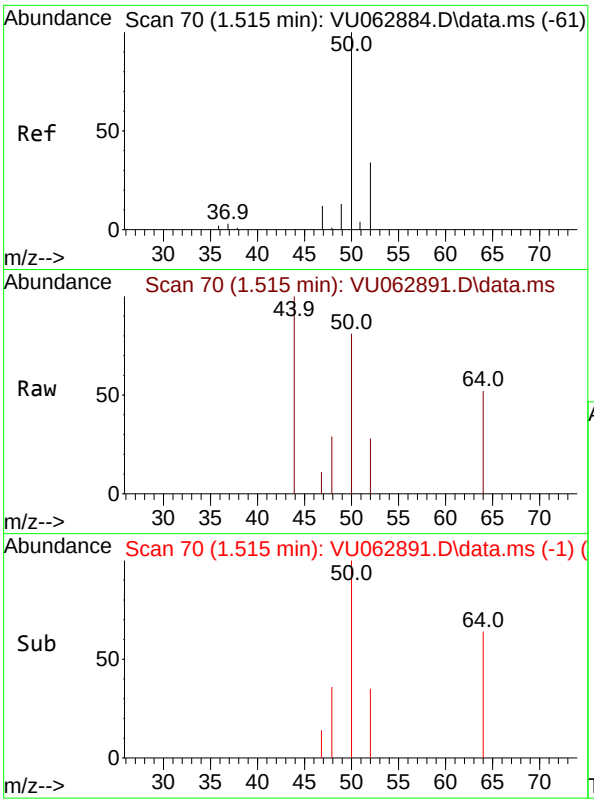
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 18 00:59:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration



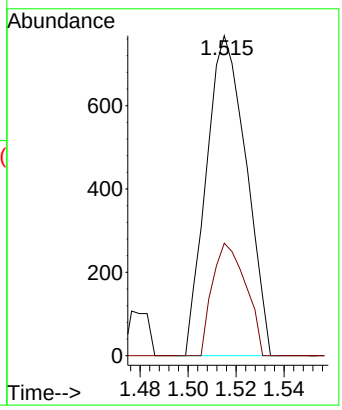


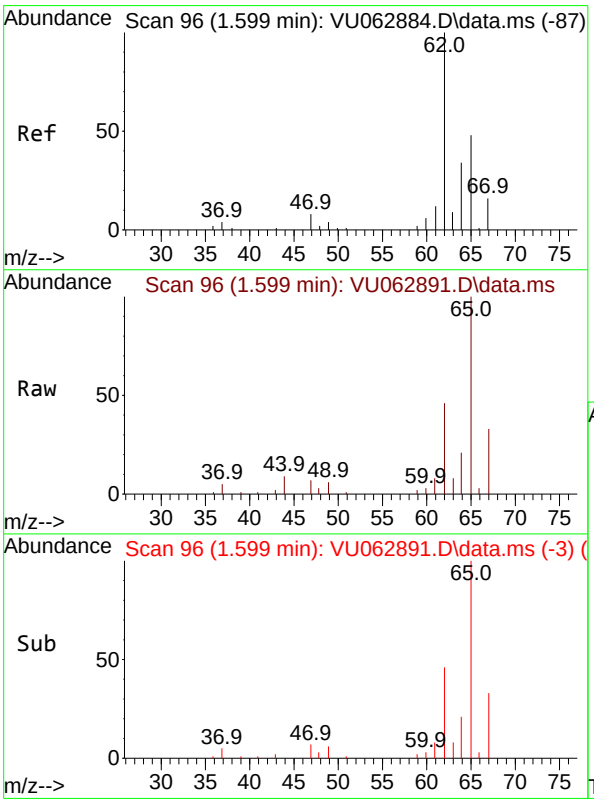
#3
Chloromethane
Concen: 0.143 ug/L
RT: 1.515 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 887

Ion	Ratio	Lower	Upper
50	100		
52	35.2	24.1	44.7

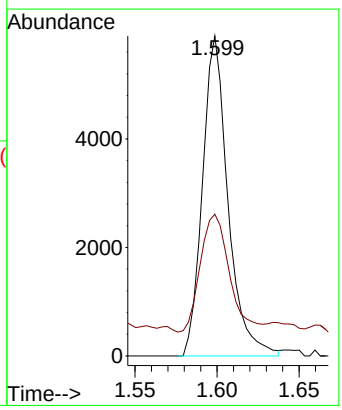


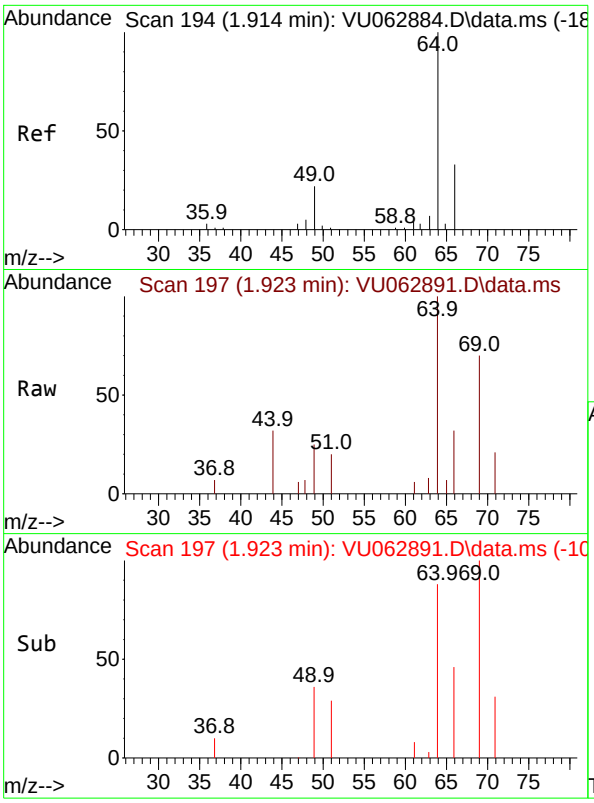


#5
Vinyl chloride
Concen: 0.909 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Tgt Ion: 62 Resp: 6365

Ion	Ratio	Lower	Upper
62	100		
64	44.3	23.4	43.4#



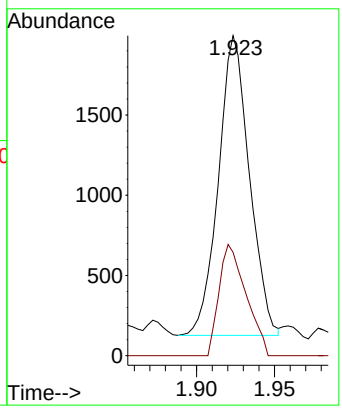


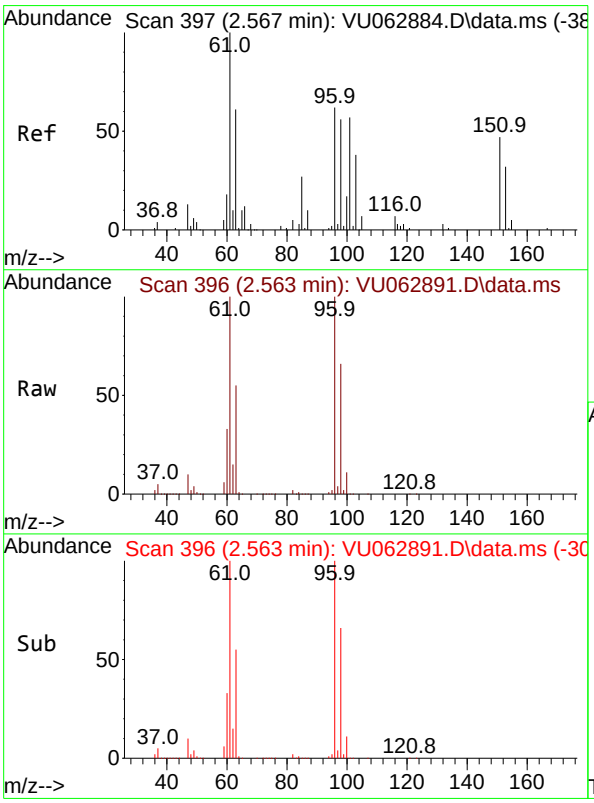
#8
Chloroethane
Concen: 0.614 ug/L
RT: 1.923 min Scan# 1
Delta R.T. 0.009 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 2585

Ion	Ratio	Lower	Upper
64	100		
66	32.3	21.6	40.2

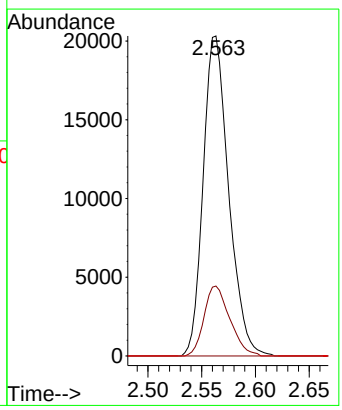


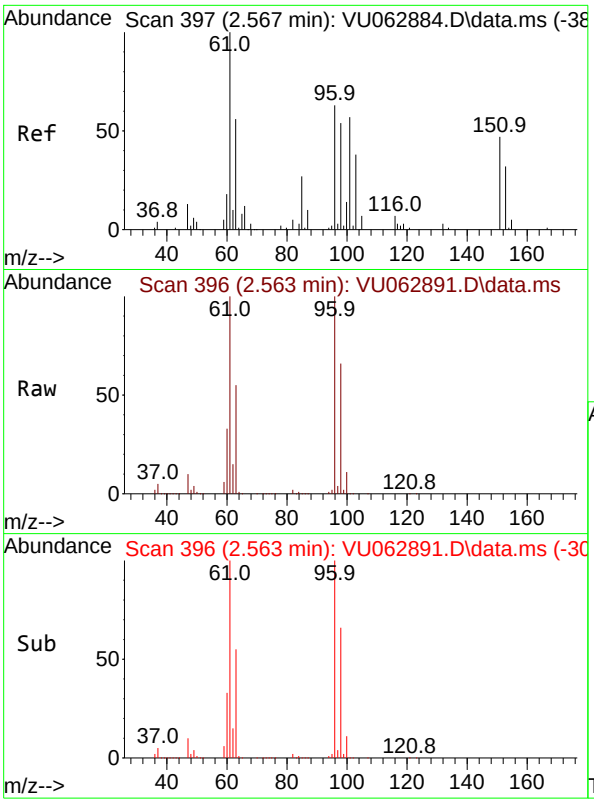


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.912 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.003 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Tgt Ion:101 Resp: 33529

Ion	Ratio	Lower	Upper
101	100		
85	22.1	37.0	55.6#
151	0.0	64.4	96.6#



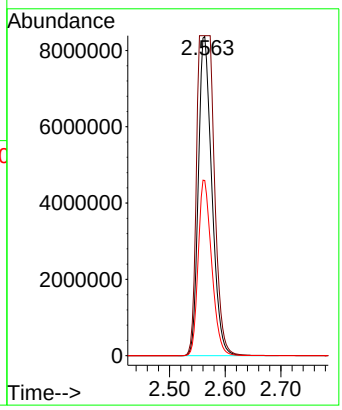


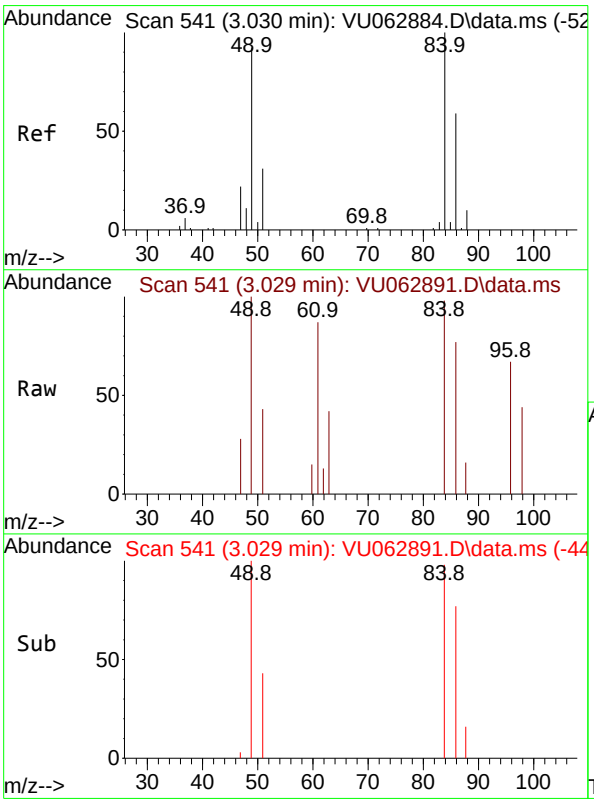
#12
1,1-Dichloroethene
Concen: 2325.904 ug/L
RT: 2.563 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp:14048095

Ion	Ratio	Lower	Upper
96	100		
61	100.2	120.4	223.6#
63	54.9	82.3	152.9#

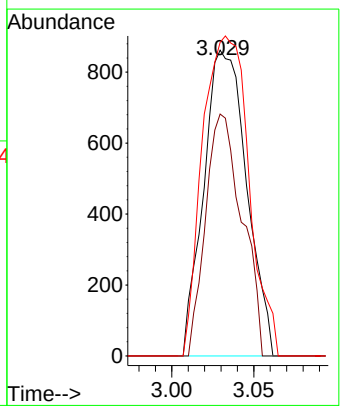


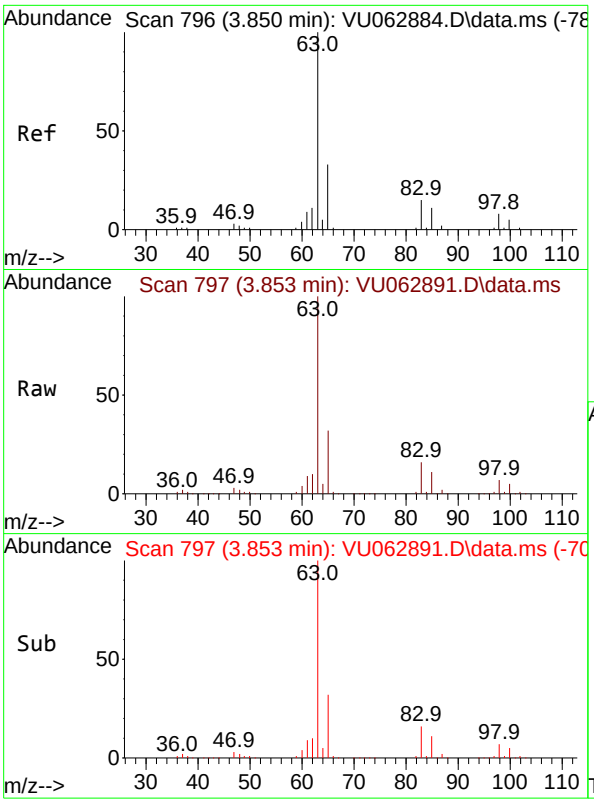


#16
Methylene chloride
Concen: 0.237 ug/L
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Tgt Ion: 84 Resp: 1565

Ion	Ratio	Lower	Upper
84	100		
86	79.1	44.7	83.1
49	102.6	68.3	126.9



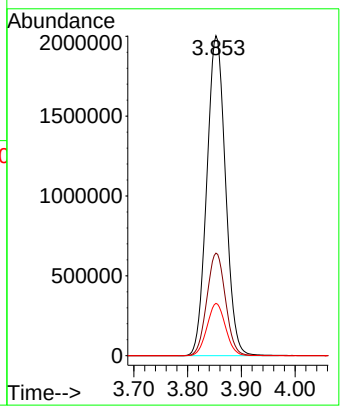


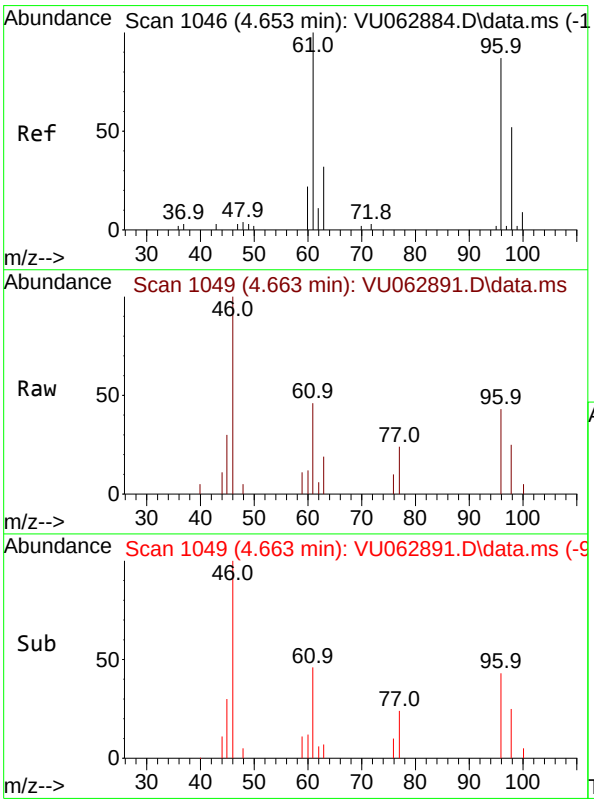
#19
1,1-Dichloroethane
Concen: 417.755 ug/L
RT: 3.853 min Scan# 7
Delta R.T. 0.003 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4833230

Ion	Ratio	Lower	Upper
63	100		
65	32.1	20.7	38.5
83	16.3	10.5	19.5

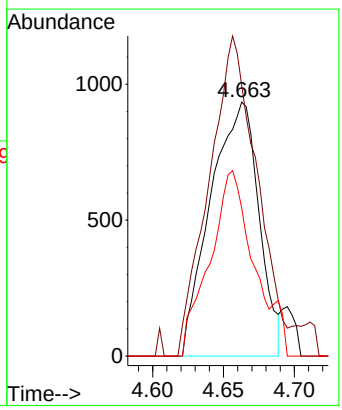


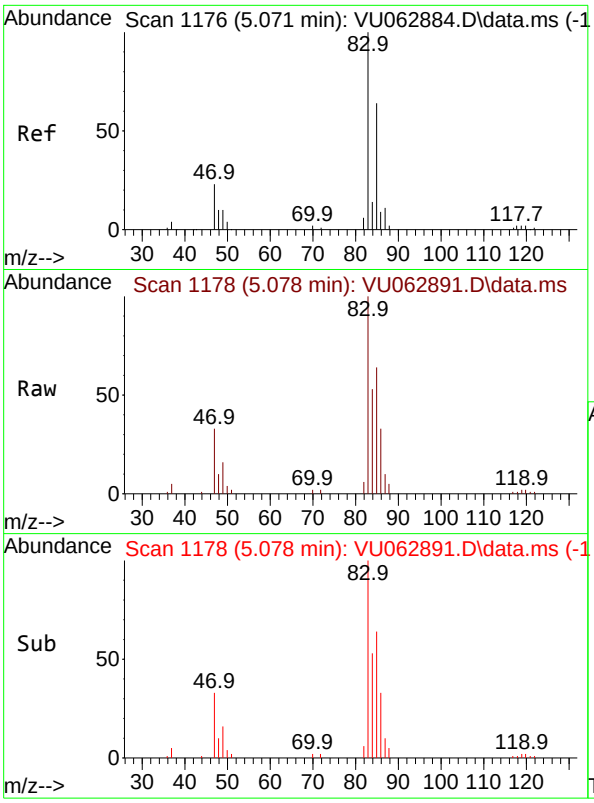


#22
cis-1,2-Dichloroethene
Concen: 0.315 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.009 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Tgt Ion: 96 Resp: 2217

Ion	Ratio	Lower	Upper
96	100		
61	106.5	84.8	157.6
98	58.3	43.1	80.1



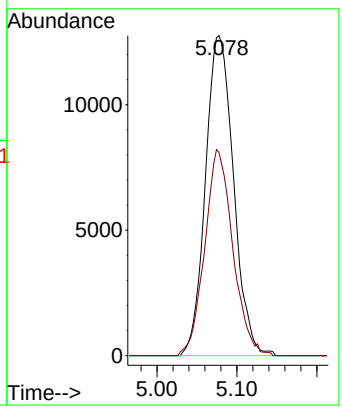


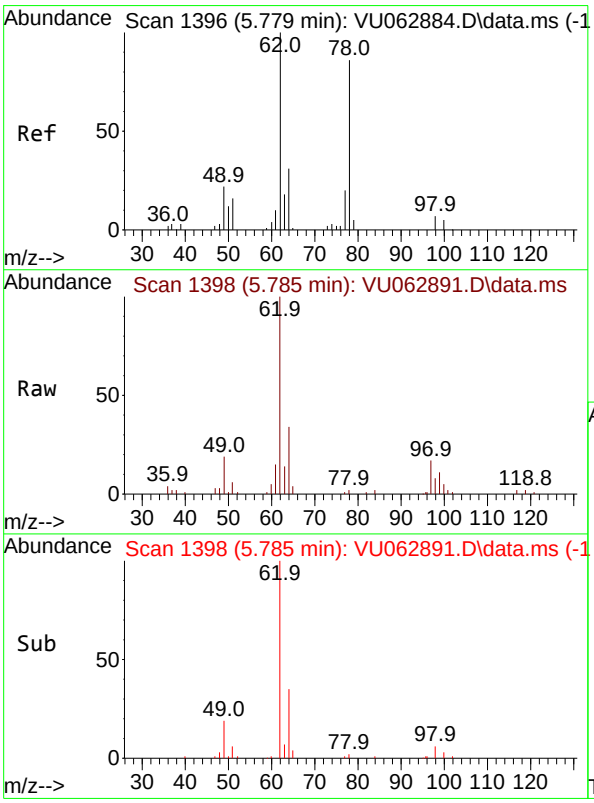
#25
Chloroform
Concen: 2.189 ug/L
RT: 5.078 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 31164

Ion	Ratio	Lower	Upper
83	100		
85	63.5	45.8	85.2

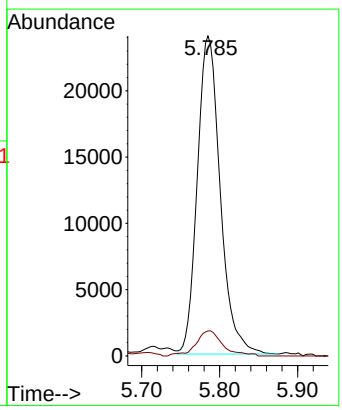


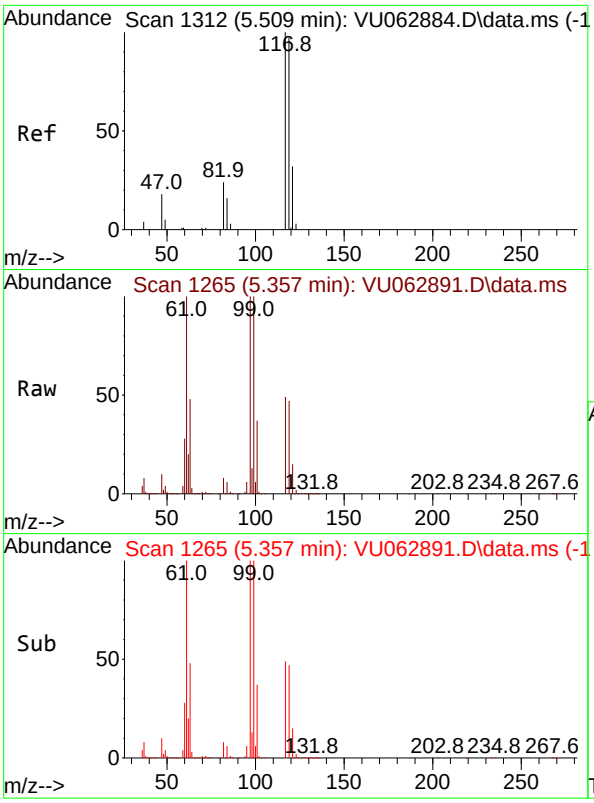


#27
1,2-Dichloroethane
Concen: 5.270 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Tgt Ion: 62 Resp: 49065

Ion	Ratio	Lower	Upper
62	100		
98	7.8	5.8	8.6



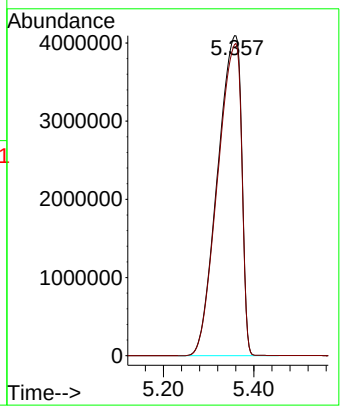


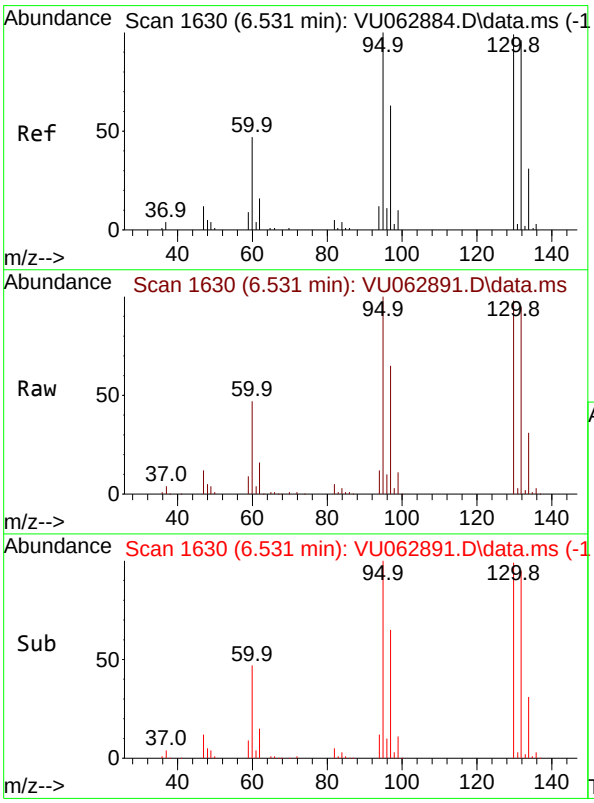
#31
Carbon tetrachloride
Concen: 1230.085 ug/L
RT: 5.357 min Scan# 1
Delta R.T. -0.151 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp:15124300

Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.6	118.0

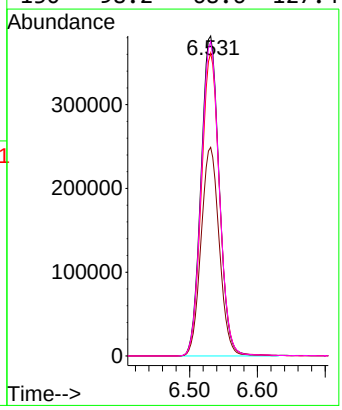


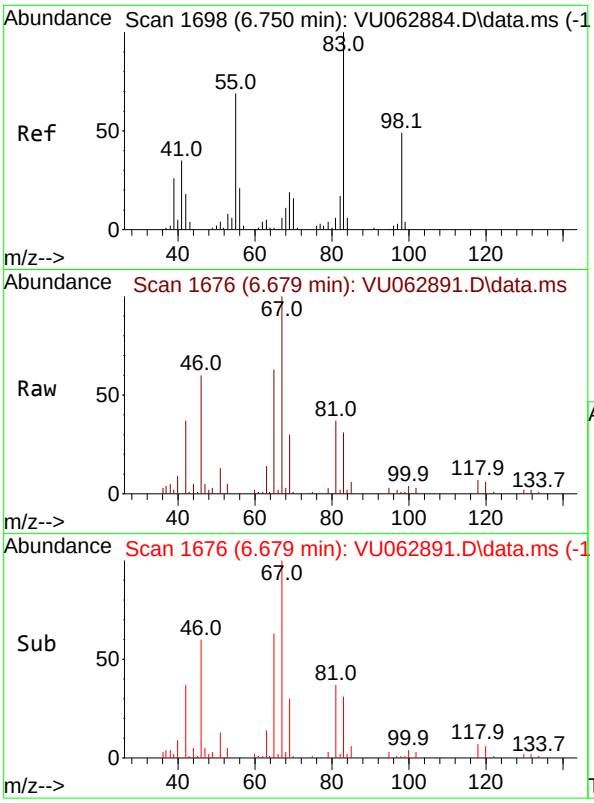


#34
Trichloroethene
Concen: 82.360 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Tgt Ion: 95 Resp: 712959

Ion	Ratio	Lower	Upper
95	100		
97	65.2	47.5	88.3
132	94.7	66.9	124.3
130	98.2	68.6	127.4



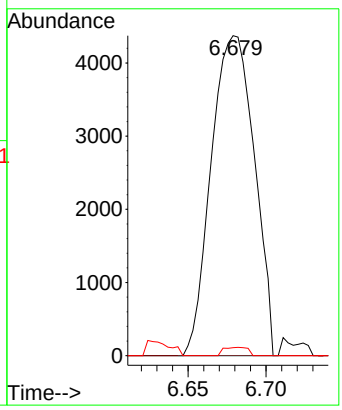


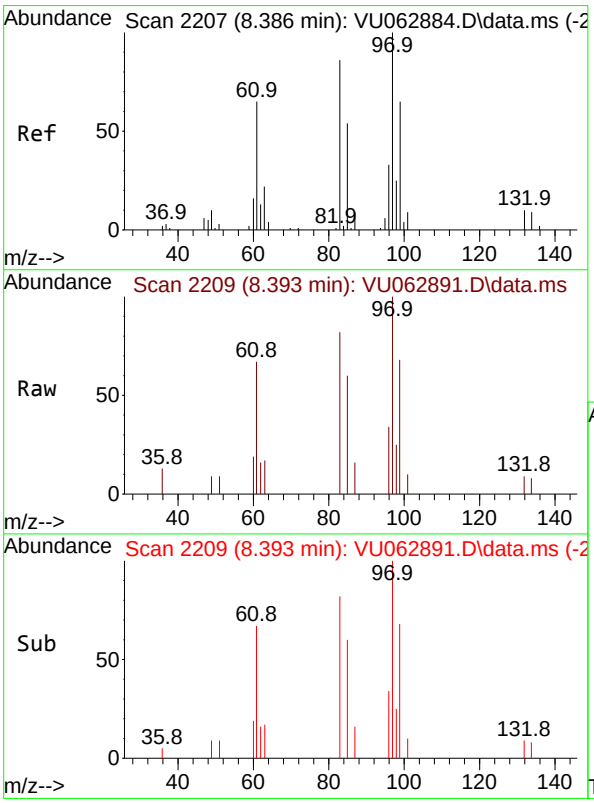
#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 8432

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

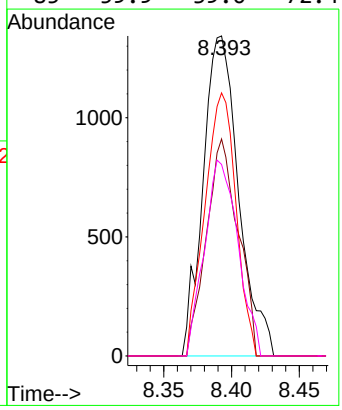


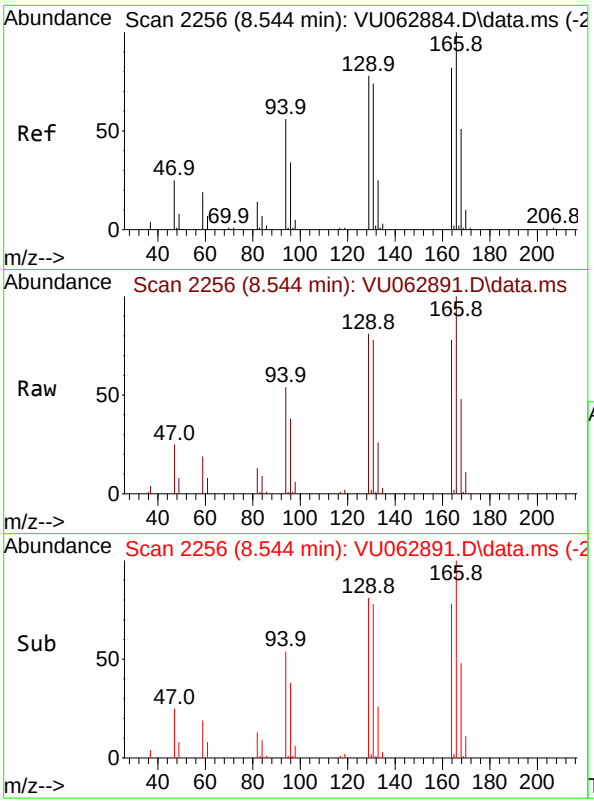


#45
1,1,2-Trichloroethane
Concen: 0.506 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Tgt Ion: 97 Resp: 2457

Ion	Ratio	Lower	Upper
97	100		
99	67.8	45.6	84.6
83	82.2	63.0	117.0
85	59.9	39.0	72.4



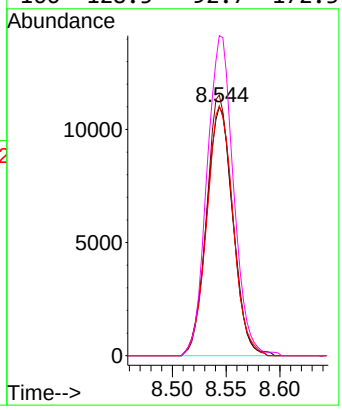


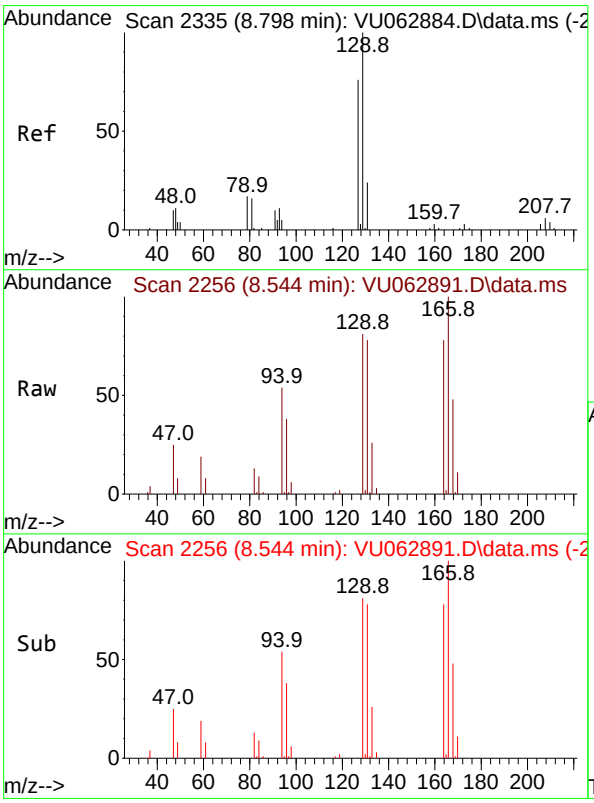
#47
Tetrachloroethene
Concen: 3.170 ug/L
RT: 8.544 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 18900

Ion	Ratio	Lower	Upper
164	100		
129	104.7	71.0	131.9
131	100.3	69.4	129.0
166	128.5	92.7	172.3

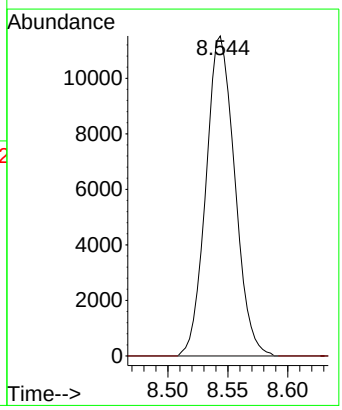


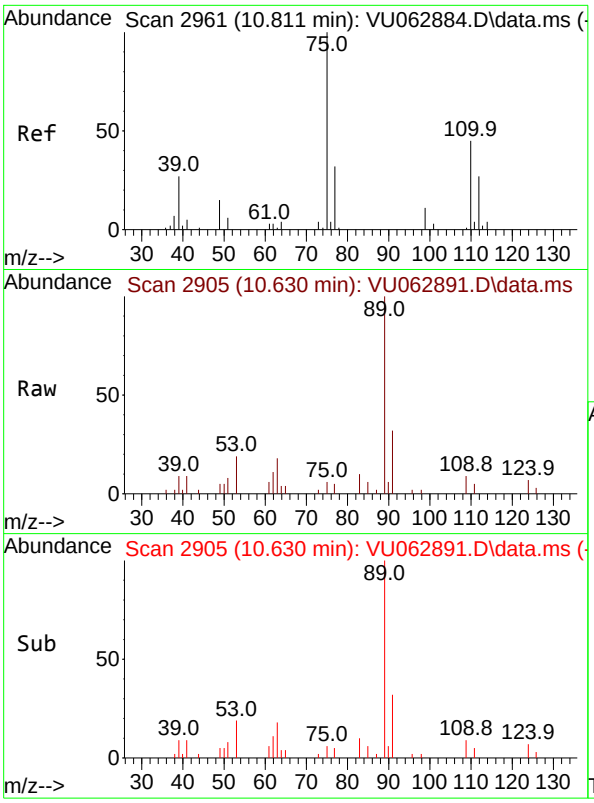


#49
Dibromochloromethane
Concen: 2.956 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.254 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Tgt Ion:129 Resp: 19271

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.1	96.9#





#61
1,2,3-Trichloropropane
Concen: 0.132 ug/L
RT: 10.630 min Scan# 2
Delta R.T. -0.180 min
Lab File: VU062891.D
Acq: 17 Jan 2025 23:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 471

Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	101.7	25.9	38.9#