Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
Data File : VU050924.D
Acq On : 23 Sep 2022 16:54
Operator : JC/MD
Sample : N4650-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 24 00:25:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	411860	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	393231	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	141235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	173989	40.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.540%			
7) Chloroethane-d5	1.909	69	150157	49.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.820%			
11) 1,1-Dichloroethene-d2	2.565	63	236233	35.579	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.160%			
21) 2-Butanone-d5	4.623	46	334077	121.268	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.270%			
24) Chloroform-d	5.060	84	324572	48.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.080%			
26) 1,2-Dichloroethane-d4	5.700	65	210622	51.108	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.220%			
32) Benzene-d6	5.726	84	646457	49.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.820%			
36) 1,2-Dichloropropane-d6	6.690	67	220738	50.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.980%			
41) Toluene-d8	7.896	98	519027	45.843	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.680%			
43) trans-1,3-Dichloroprop...	8.176	79	90085	47.365	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.740%			
47) 2-Hexanone-d5	8.632	63	182423	101.251	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.250%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	328363	49.263	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.520%			
66) 1,2-Dichlorobenzene-d4	12.192	152	170559	57.678	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.360%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	2922	0.602	ug/L #	24
9) Trichlorofluoromethane	2.137	101	2890	0.549	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2260	0.671	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	24978	7.889	ug/L #	1
13) Acetone	2.636	43	4981	2.135	ug/L	93
17) trans-1,2-Dichloroethene	3.356	96	8938	2.754	ug/L	95
19) 1,1-Dichloroethane	3.867	63	898716	137.053	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	926029	257.350	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	1277889	244.270	ug/L	99
34) Trichloroethene	6.542	95	14699	4.373	ug/L	97
46) Tetrachloroethene	8.552	164	24388	10.096	ug/L	96
60) 1,2,3-Trichloropropane	11.809	75	18620	4.687	ug/L #	68

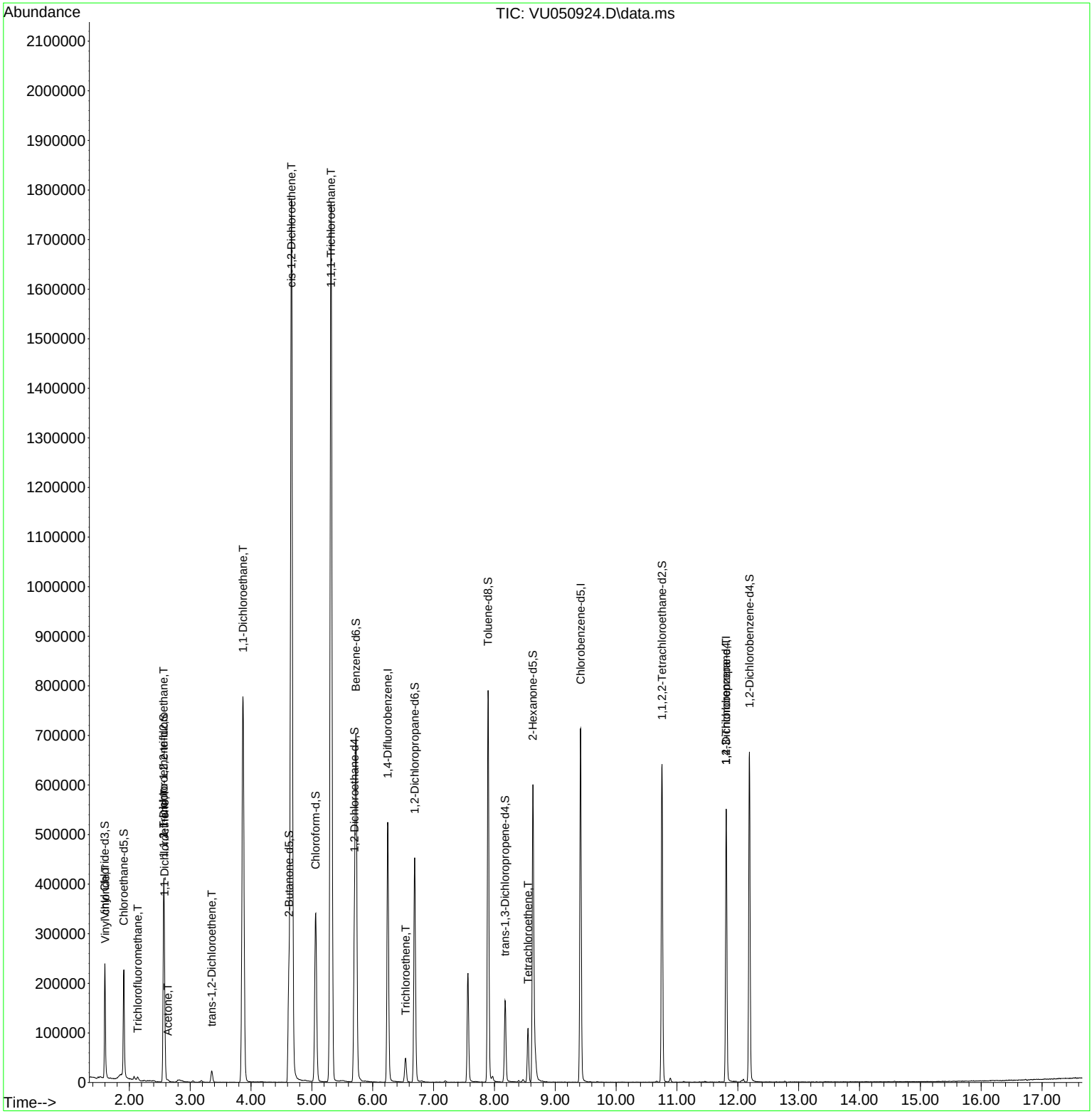
(#) = qualifier out of range (m) = manual integration (+) = signals summed

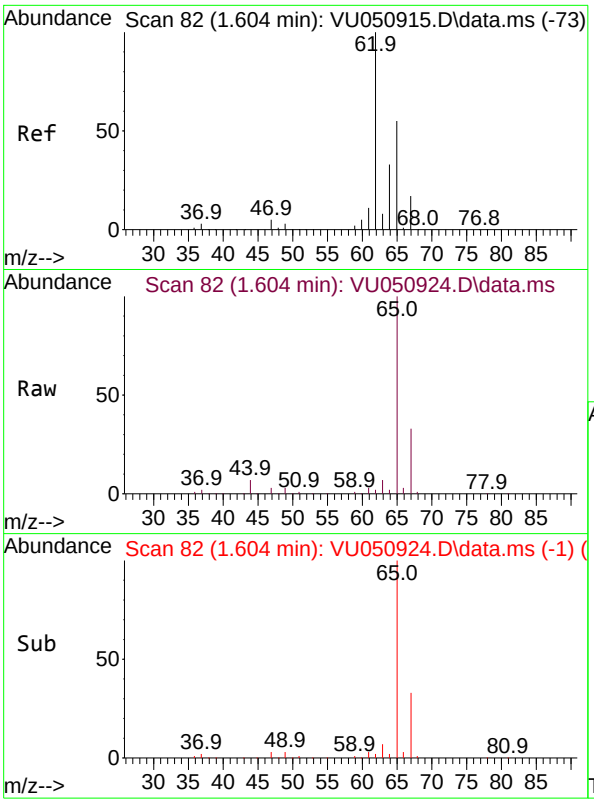
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
Data File : VU050924.D
Acq On : 23 Sep 2022 16:54
Operator : JC/MD
Sample : N4650-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 24 00:25:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration



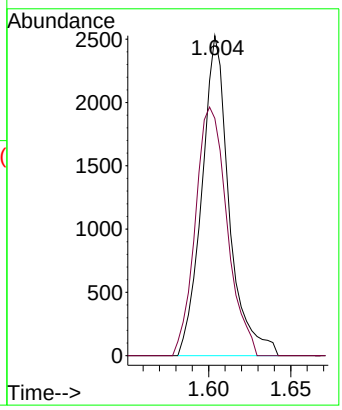


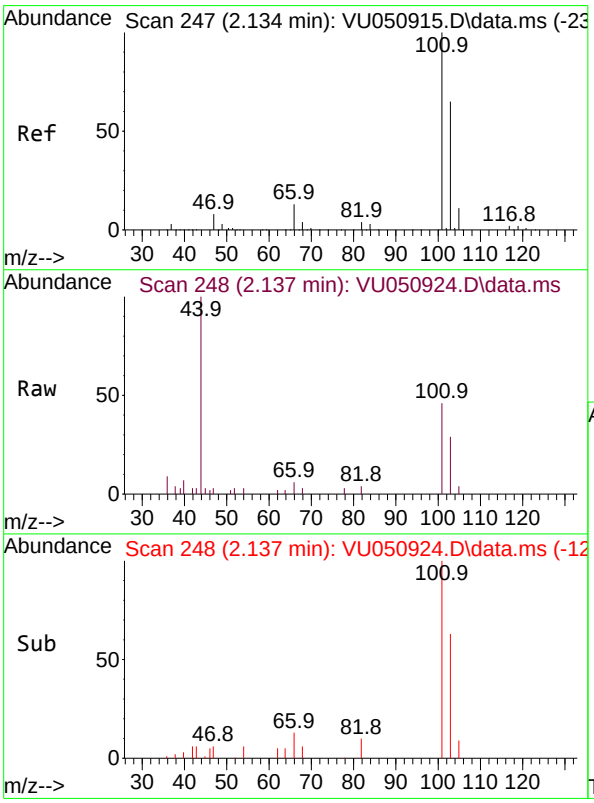
#5
Vinyl chloride
Concen: 0.602 ug/L
RT: 1.604 min Scan# 8
Delta R.T. -0.000 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 2922

Ion	Ratio	Lower	Upper
62	100		
64	74.1	22.2	41.2#

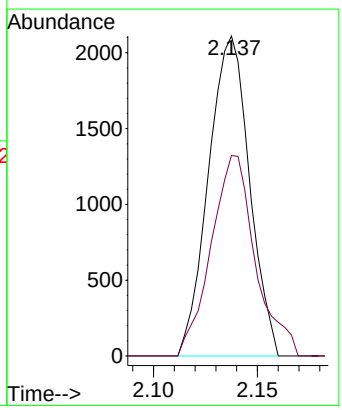


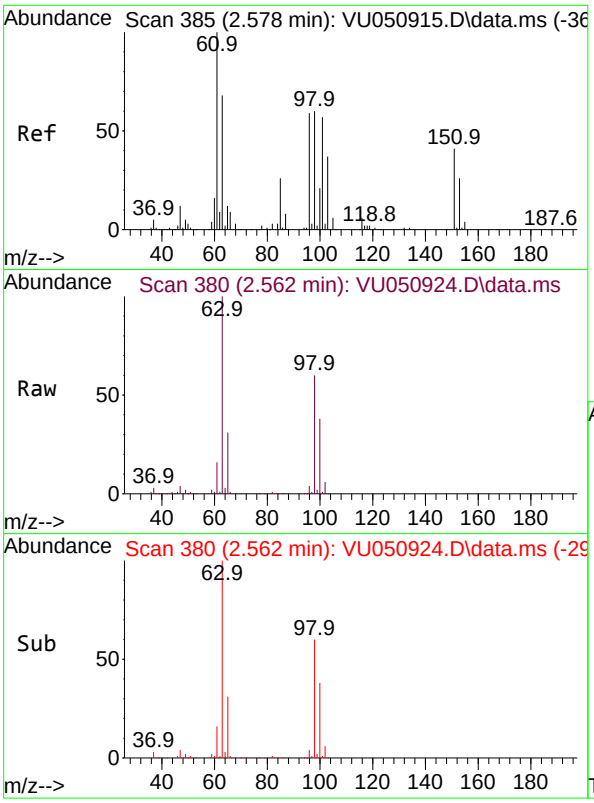


#9
Trichlorofluoromethane
Concen: 0.549 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Tgt Ion:101 Resp: 2890

Ion	Ratio	Lower	Upper
101	100		
103	67.8	50.9	76.3



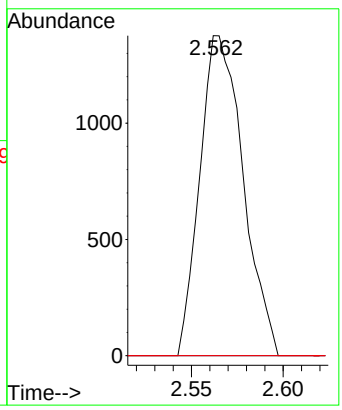


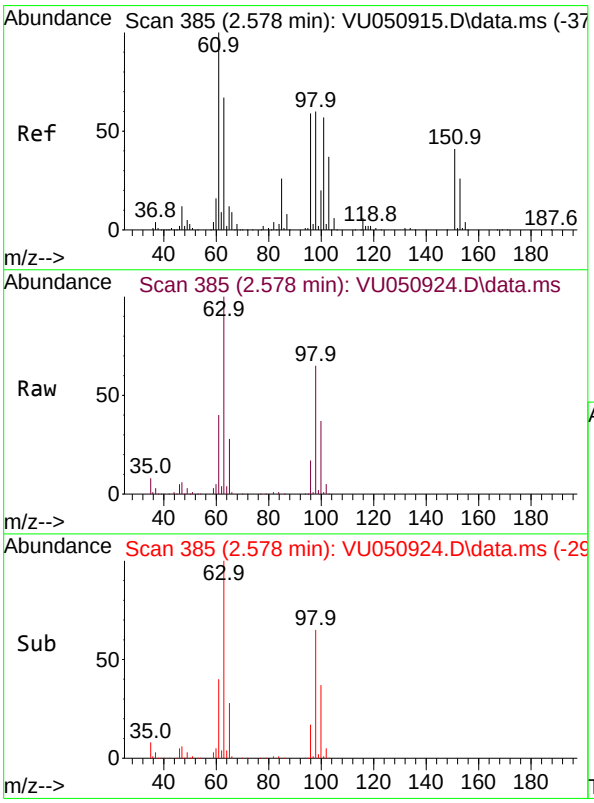
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.671 ug/L
RT: 2.562 min Scan# 3
Delta R.T. -0.016 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 2260

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.6	84.8#

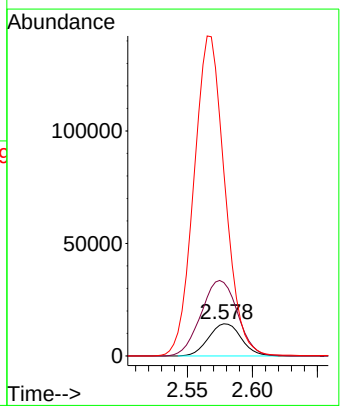


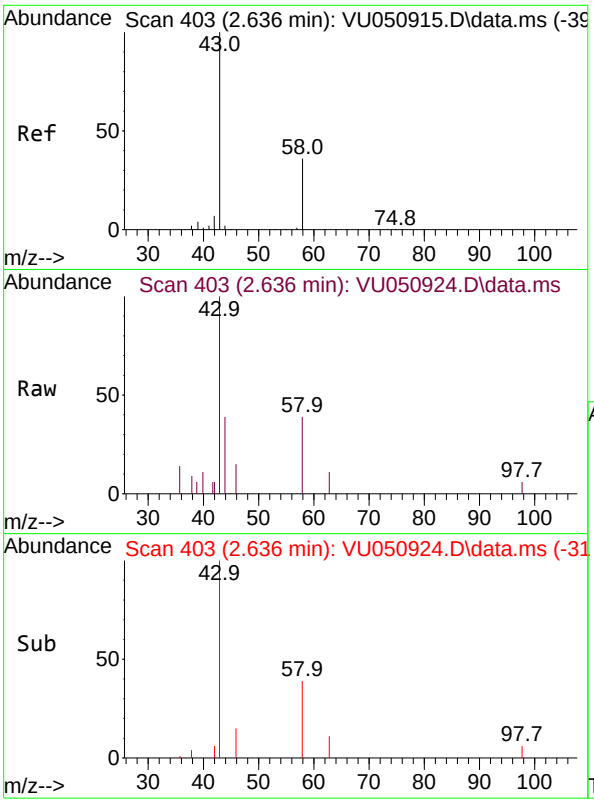


#12
1,1-Dichloroethene
Concen: 7.889 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Tgt Ion: 96 Resp: 24978

Ion	Ratio	Lower	Upper
96	100		
61	228.7	118.6	220.2#
63	574.7	90.4	168.0#



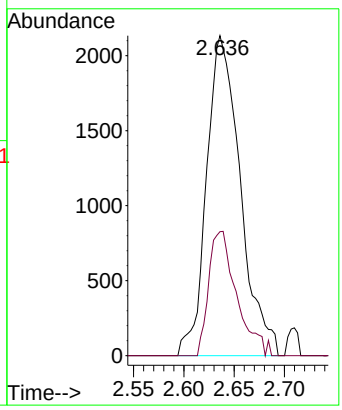


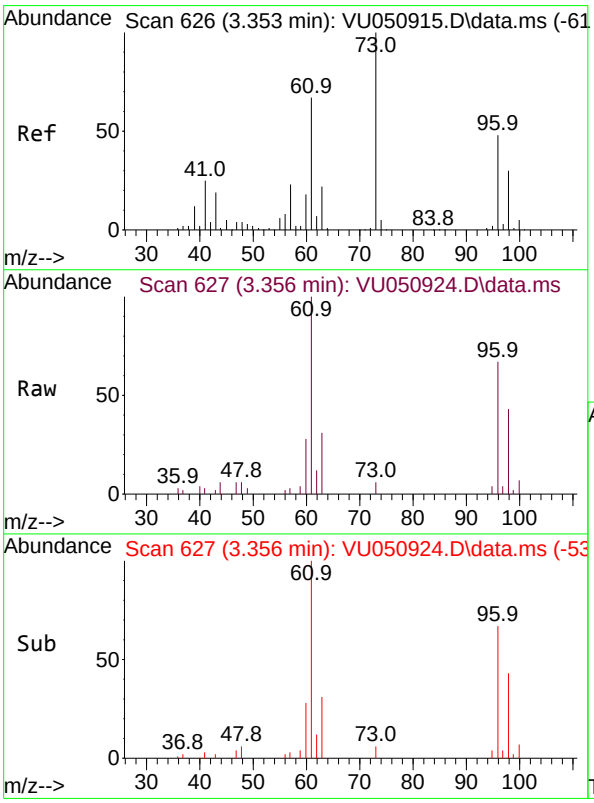
#13
Acetone
Concen: 2.135 ug/L
RT: 2.636 min Scan# 4(
Delta R.T. -0.000 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 4981

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	71.4

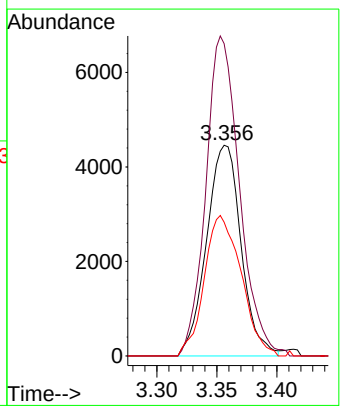


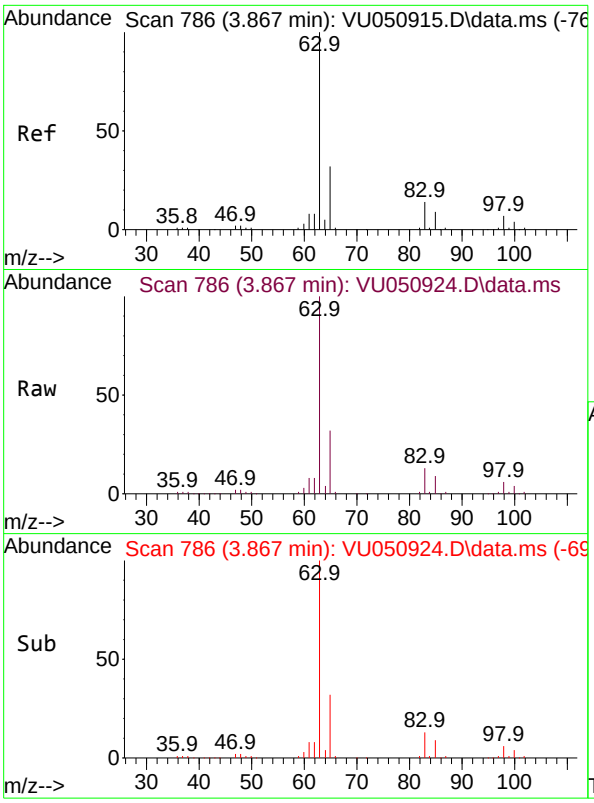


#17
trans-1,2-Dichloroethene
Concen: 2.754 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Tgt Ion: 96 Resp: 8938

Ion	Ratio	Lower	Upper
96	100		
61	148.2	98.0	182.0
98	63.5	44.3	82.3



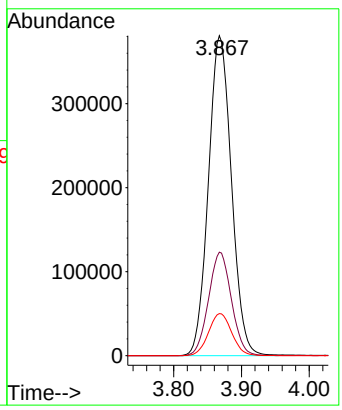


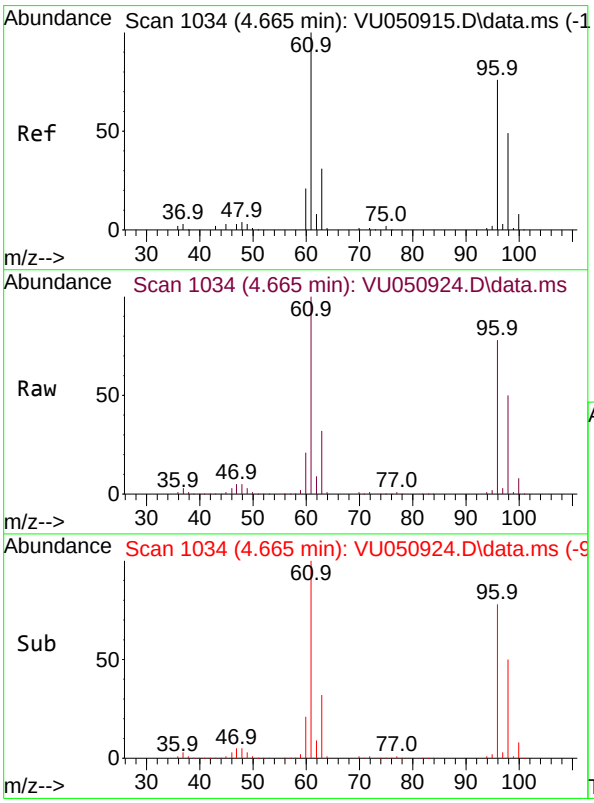
#19
1,1-Dichloroethane
Concen: 137.053 ug/L
RT: 3.867 min Scan# 7
Delta R.T. -0.000 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 898716

Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.5	39.9
83	13.2	9.3	17.3

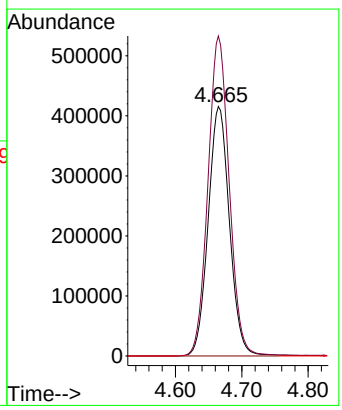


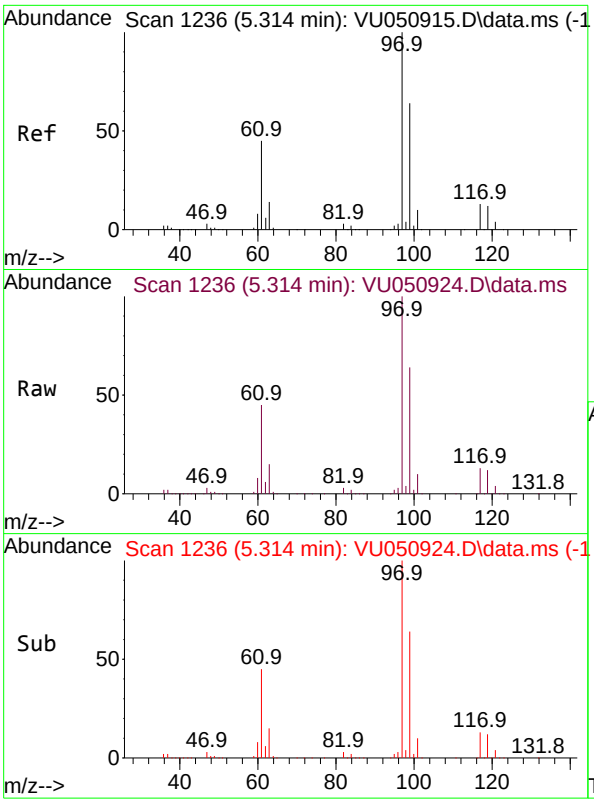


#20
cis-1,2-Dichloroethene
Concen: 257.350 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Tgt Ion: 96 Resp: 926029

Ion	Ratio	Lower	Upper
96	100		
61	128.3	90.1	167.3
68	0.0	0.0	0.0



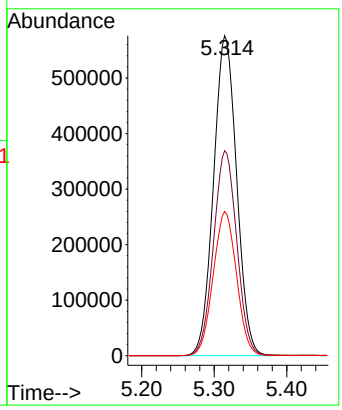


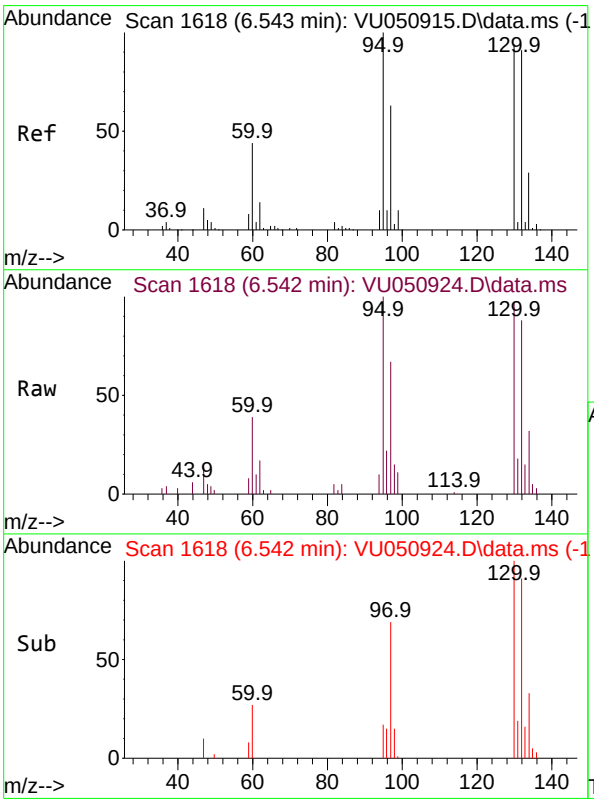
#30
1,1,1-Trichloroethane
Concen: 244.270 ug/L
RT: 5.314 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1277889

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.2	78.2
61	45.6	37.1	55.7

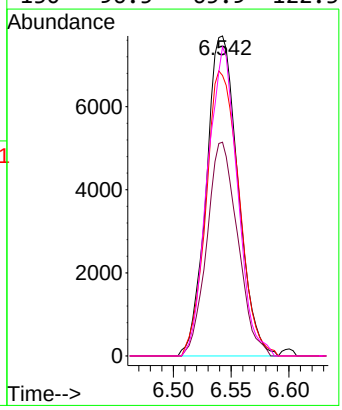


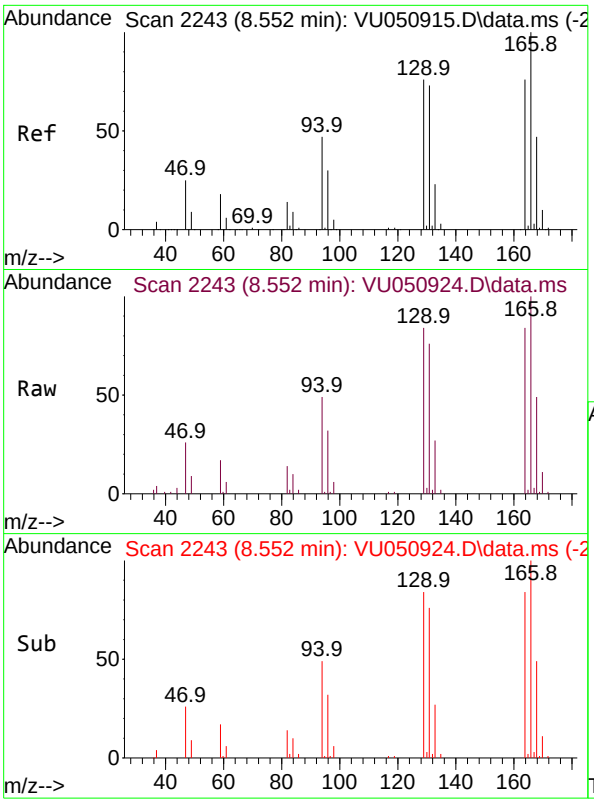


#34
Trichloroethene
Concen: 4.373 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Tgt Ion: 95 Resp: 14699

Ion	Ratio	Lower	Upper
95	100		
97	66.8	43.9	81.5
132	87.6	63.1	117.1
130	96.5	65.9	122.3



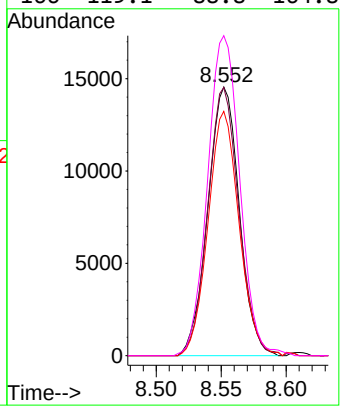


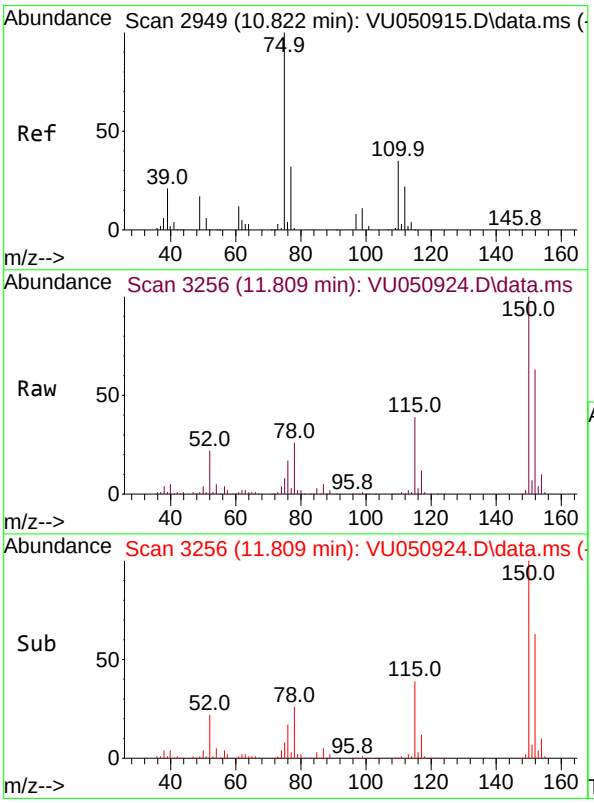
#46
Tetrachloroethene
Concen: 10.096 ug/L
RT: 8.552 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 24388

Ion	Ratio	Lower	Upper
164	100		
129	99.8	68.5	127.3
131	90.9	66.1	122.7
166	119.1	88.8	164.8





#60
1,2,3-Trichloropropane
Concen: 4.687 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU050924.D
Acq: 23 Sep 2022 16:54

Tgt Ion: 75 Resp: 18620

Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.2	39.4
110	2.0	28.6	43.0#