Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101623\
Data File : VU055766.D
Acq On : 16 Oct 2023 10:07
Operator : MD/SY
Sample : VU1016WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 17 05:07:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 17 05:06:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	466691	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	474091	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	222618	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	185778	44.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.760%			
7) Chloroethane-d5	1.885	69	115623	33.791	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 67.580%#			
11) 1,1-Dichloroethene-d2	2.557	63	266807	35.746	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.500%			
21) 2-Butanone-d5	4.615	46	225324	72.643	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 72.640%			
24) Chloroform-d	5.055	84	366210	45.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.260%			
26) 1,2-Dichloroethane-d4	5.695	65	241822	48.956	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.920%			
32) Benzene-d6	5.721	84	722182	47.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.220%			
36) 1,2-Dichloropropane-d6	6.685	67	228985	47.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.360%			
41) Toluene-d8	7.894	98	637265	46.526	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.060%			
43) trans-1,3-Dichloroprop...	8.177	79	106006	45.954	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.900%			
47) 2-Hexanone-d5	8.637	63	120538	63.850	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 63.850%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	344906	46.662	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.320%			
66) 1,2-Dichlorobenzene-d4	12.190	152	233906	52.947	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.900%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	2401	0.646	ug/L #	20
12) 1,1-Dichloroethene	2.560	96	2575	0.778	ug/L #	1
39) cis-1,3-Dichloropropene	7.563	75	7430	1.183	ug/L #	59
44) trans-1,3-Dichloropropene	8.177	75	5328	0.887	ug/L #	83
65) 1,4-Dichlorobenzene	11.836	146	7291	1.034	ug/L	94
69) 1,3,5-Trichlorobenzene	13.225	180	7736	1.690	ug/L	93
70) 1,2,4-trichlorobenzene	13.843	180	17060	4.476	ug/L	97
71) Naphthalene	14.087	128	83431	7.368	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	18021	4.795	ug/L	99

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

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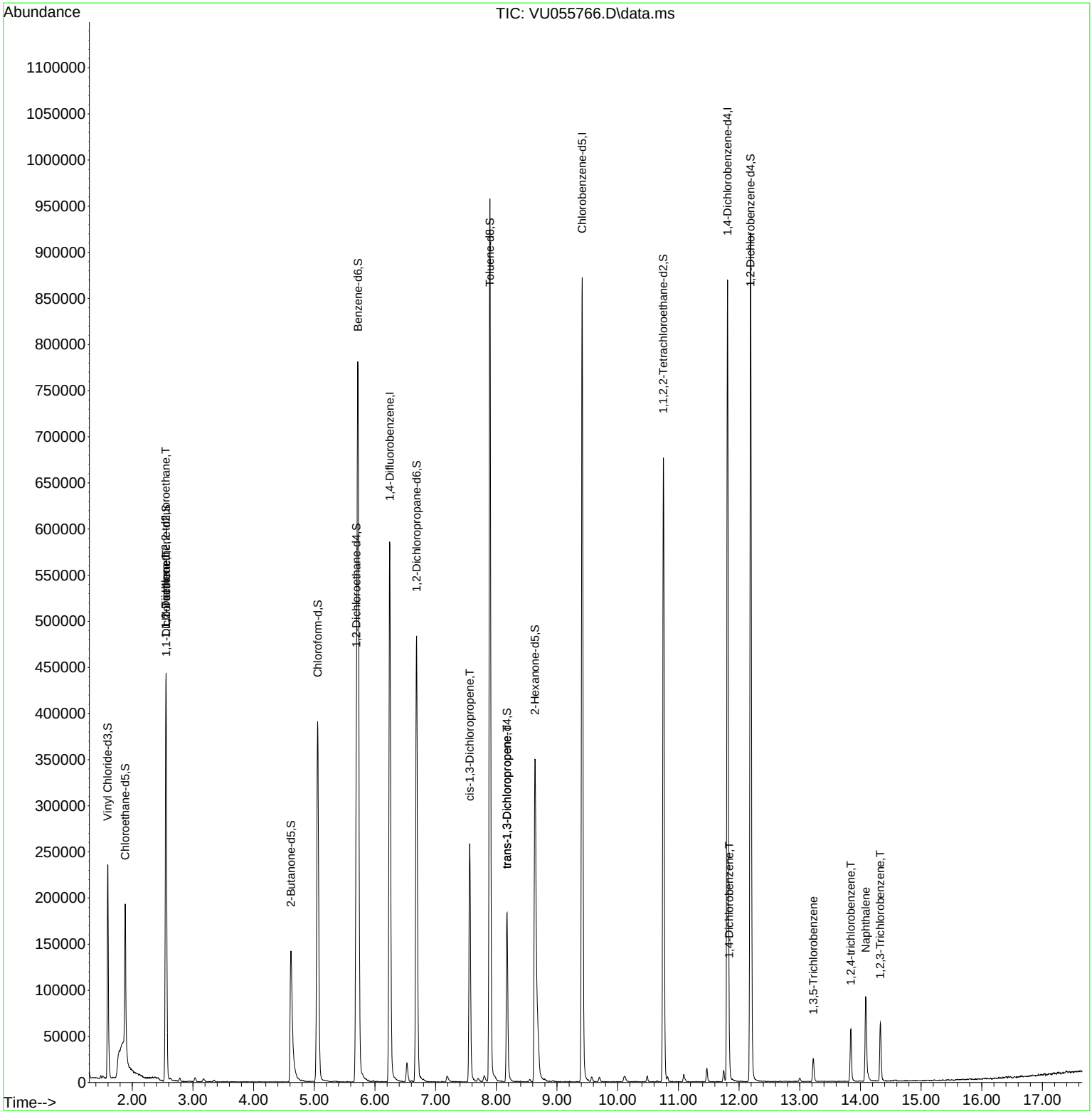
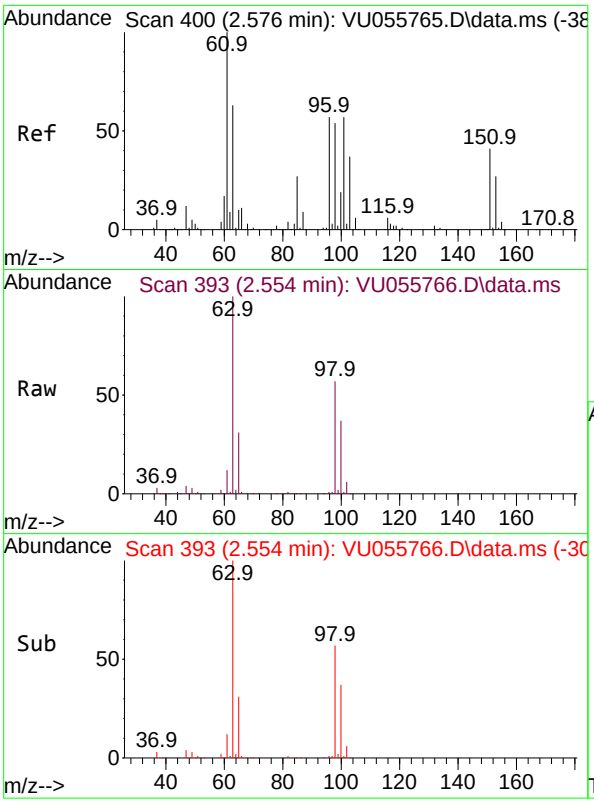


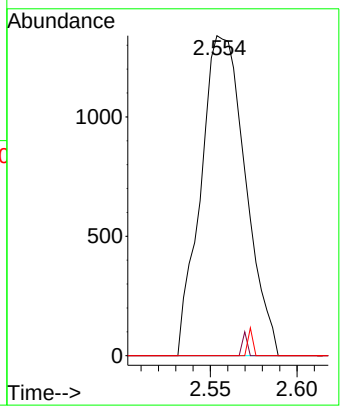


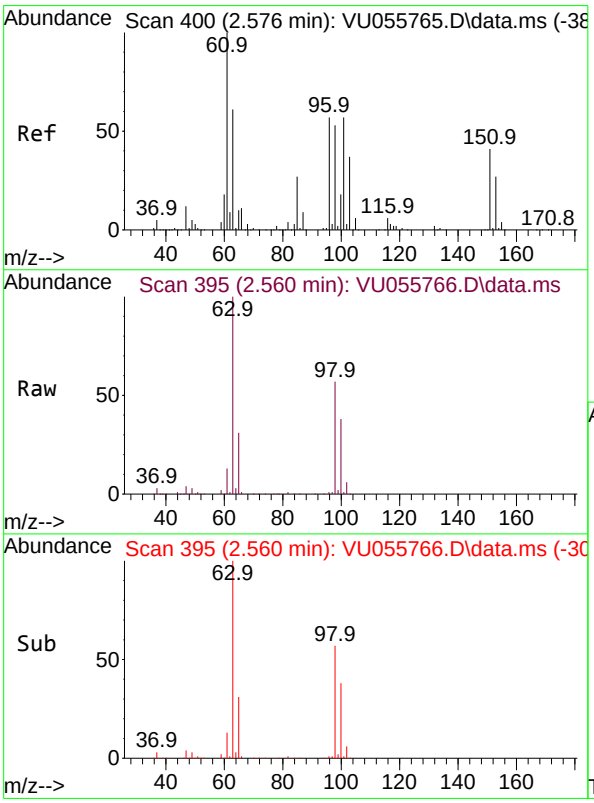
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.646 ug/L
RT: 2.554 min Scan# 3
Delta R.T. -0.022 min
Lab File: VU055766.D
Acq: 16 Oct 2023 10:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 2401

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.1	55.7#
151	0.0	58.2	87.4#

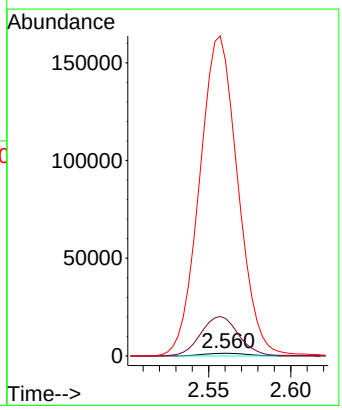


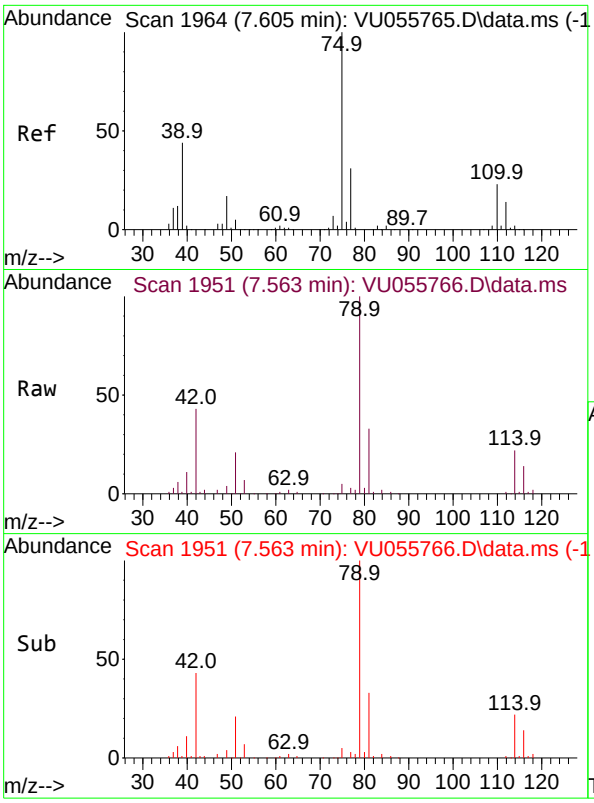


#12
1,1-Dichloroethene
Concen: 0.778 ug/L
RT: 2.560 min Scan# 395
Delta R.T. -0.016 min
Lab File: VU055766.D
Acq: 16 Oct 2023 10:07

Tgt Ion: 96 Resp: 2575

Ion	Ratio	Lower	Upper
96	100		
61	1380.8	122.0	226.6#
63	10867.1	93.7	174.1#



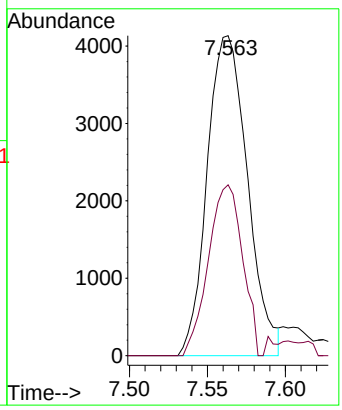


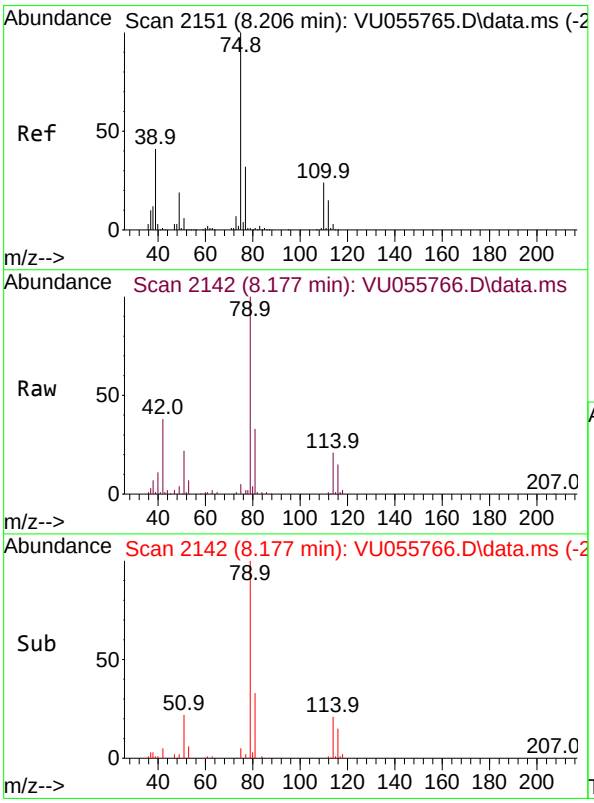
#39
cis-1,3-Dichloropropene
Concen: 1.183 ug/L
RT: 7.563 min Scan# 1
Delta R.T. -0.042 min
Lab File: VU055766.D
Acq: 16 Oct 2023 10:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 7430

Ion	Ratio	Lower	Upper
75	100		
77	53.4	21.7	40.3#

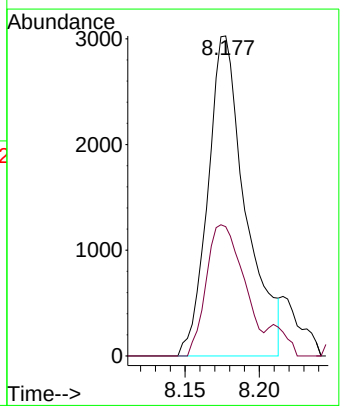


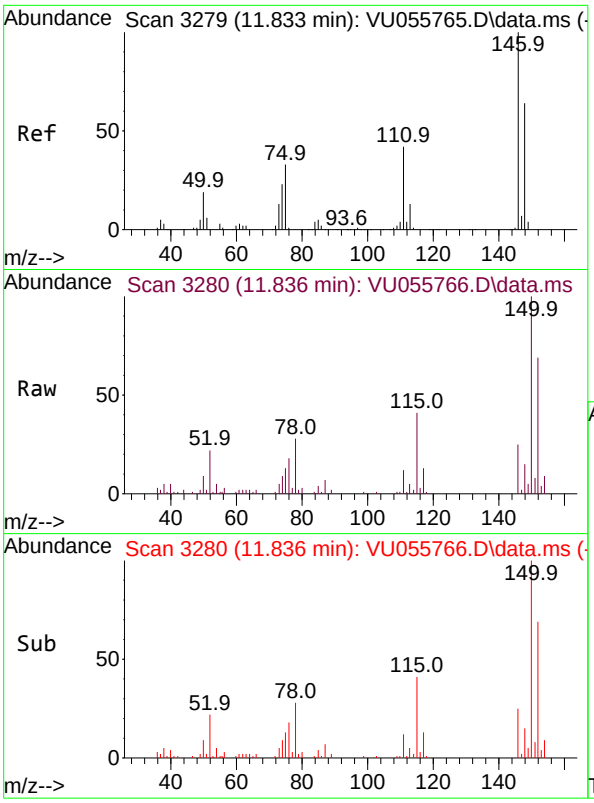


#44
trans-1,3-Dichloropropene
Concen: 0.887 ug/L
RT: 8.177 min Scan# 2142
Delta R.T. -0.029 min
Lab File: VU055766.D
Acq: 16 Oct 2023 10:07

Tgt Ion: 75 Resp: 5328

Ion	Ratio	Lower	Upper
75	100		
77	40.4	21.6	40.2#



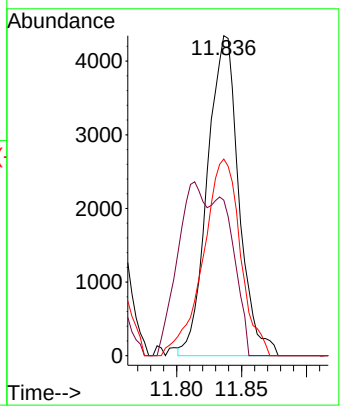


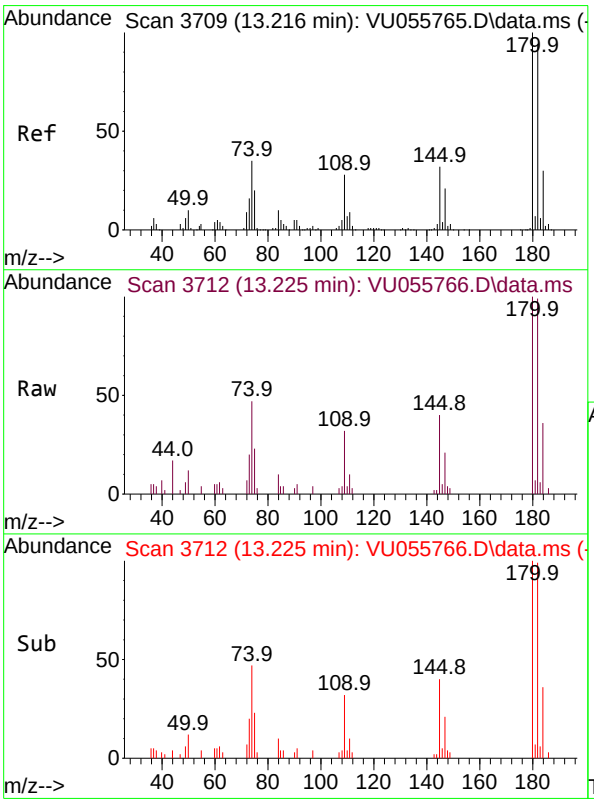
#65
1,4-Dichlorobenzene
Concen: 1.034 ug/L
RT: 11.836 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU055766.D
Acq: 16 Oct 2023 10:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 7291

Ion	Ratio	Lower	Upper
146	100		
111	48.6	28.6	53.0
148	61.4	44.2	82.0

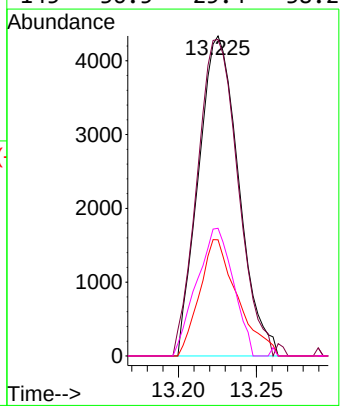


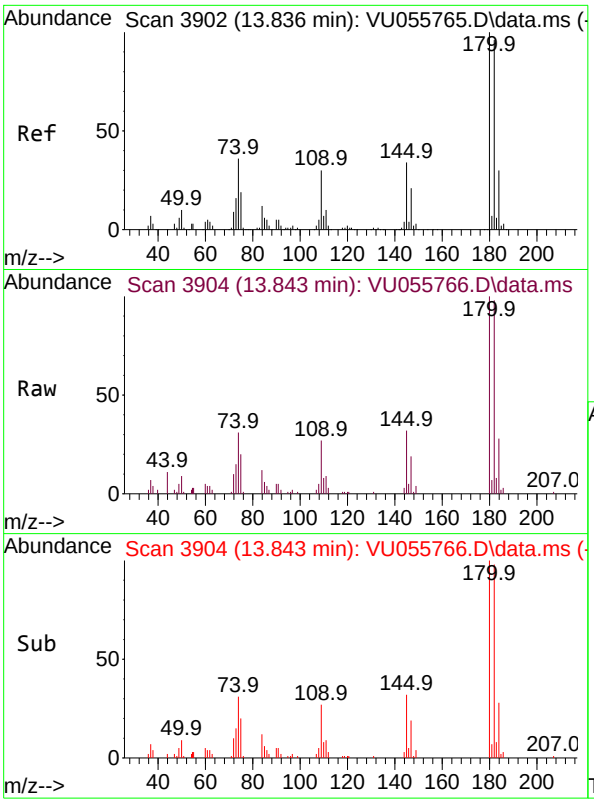


#69
1,3,5-Trichlorobenzene
Concen: 1.690 ug/L
RT: 13.225 min Scan# 3712
Delta R.T. 0.010 min
Lab File: VU055766.D
Acq: 16 Oct 2023 10:07

Tgt Ion:180 Resp: 7736

Ion	Ratio	Lower	Upper
180	100		
182	100.6	76.2	114.2
184	34.5	23.9	35.9
145	36.5	25.4	38.2



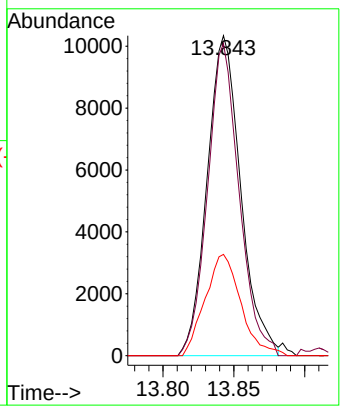


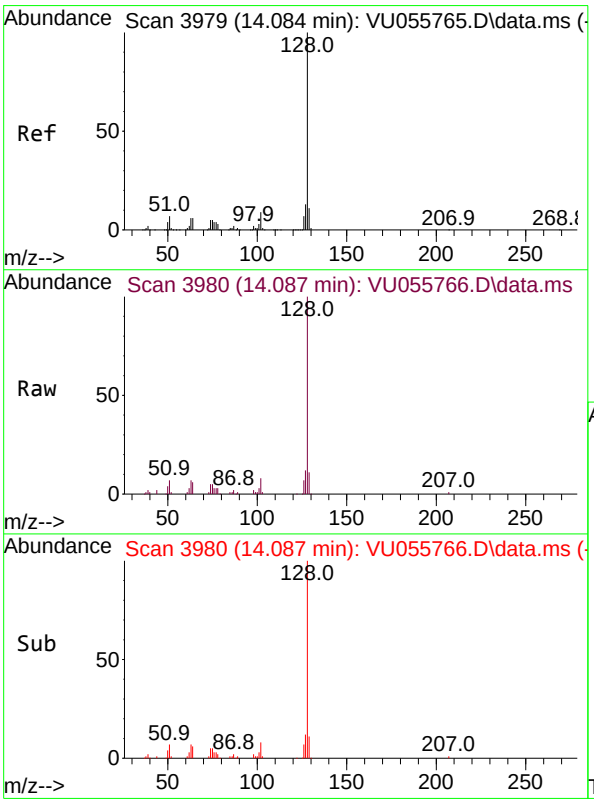
#70
1,2,4-trichlorobenzene
Concen: 4.476 ug/L
RT: 13.843 min Scan# 3
Delta R.T. 0.007 min
Lab File: VU055766.D
Acq: 16 Oct 2023 10:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 17060

Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.4	113.2
145	33.6	26.1	39.1

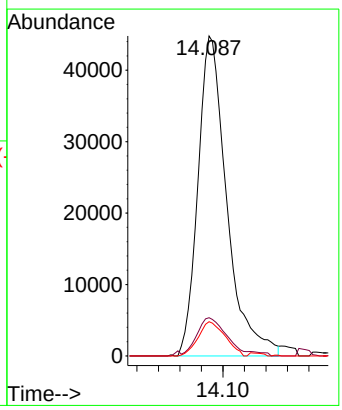


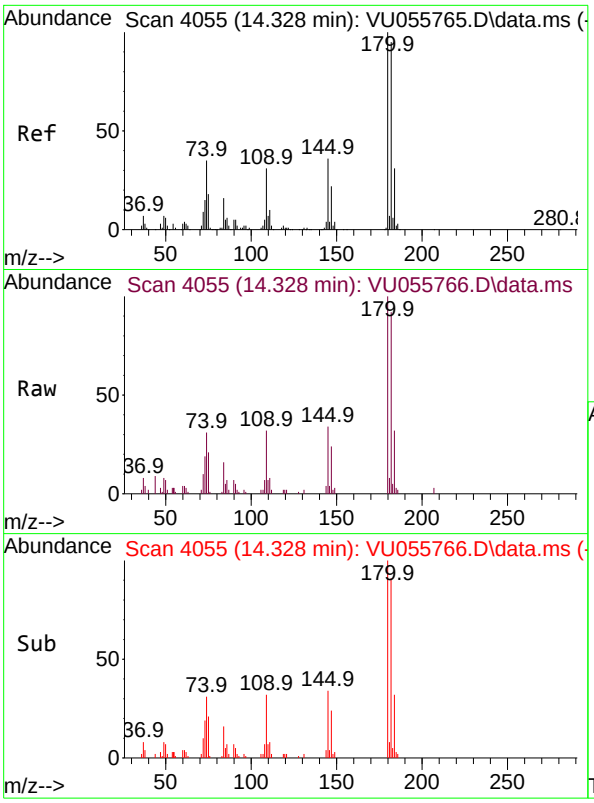


#71
Naphthalene
Concen: 7.368 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.003 min
Lab File: VU055766.D
Acq: 16 Oct 2023 10:07

Tgt Ion:128 Resp: 83431

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.6	16.0
129	10.0	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 4.795 ug/L
RT: 14.328 min Scan# 4
Delta R.T. 0.000 min
Lab File: VU055766.D
Acq: 16 Oct 2023 10:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 18021

Ion	Ratio	Lower	Upper
180	100		
182	96.8	78.1	117.1
145	35.3	27.4	41.0