Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041524\
Data File : VX041084.D
Acq On : 15 Apr 2024 17:25
Operator : JC/MD
Sample : P2098-15 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 16 02:52:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 16 02:47:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	275681	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	261277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	136773	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	80088	40.844	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.680%			
7) Chloroethane-d5	1.672	69	71573	44.756	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.520%			
11) 1,1-Dichloroethene-d2	2.306	65	33892	40.485	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.960%			
21) 2-Butanone-d5	4.452	46	131204	122.838	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.840%			
24) Chloroform-d	5.056	84	168010	45.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.840%			
26) 1,2-Dichloroethane-d4	5.958	65	112262	47.172	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.340%			
32) Benzene-d6	5.970	84	323993	45.676	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.360%			
36) 1,2-Dichloropropane-d6	7.305	67	97926	47.336	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.680%			
41) Toluene-d8	8.647	98	298359	43.055	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.100%			
43) trans-1,3-Dichloroprop...	8.951	79	45176	43.394	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.780%			
47) 2-Hexanone-d5	9.384	63	88696	101.691	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.690%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	152817	49.868	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.740%			
66) 1,2-Dichlorobenzene-d4	12.323	152	138202	50.372	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.740%			
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	107330	20.401	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	9465	2.256	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	41716	9.685	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	221130	54.331	ug/L	96
69) 1,3,5-Trichlorobenzene	13.585	180	58446	18.190	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	58446	19.195	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	11381	3.811	ug/L	99

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

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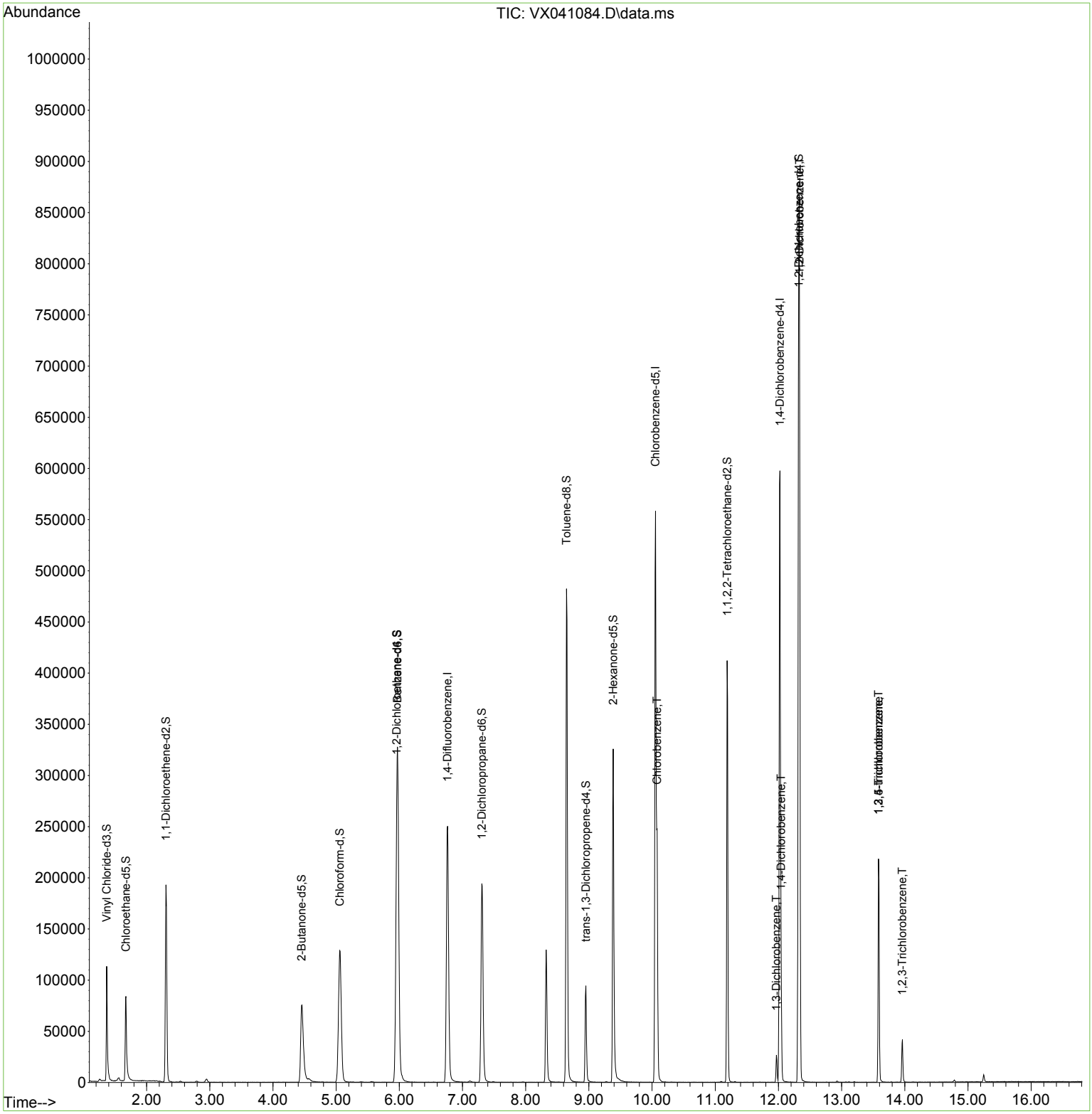
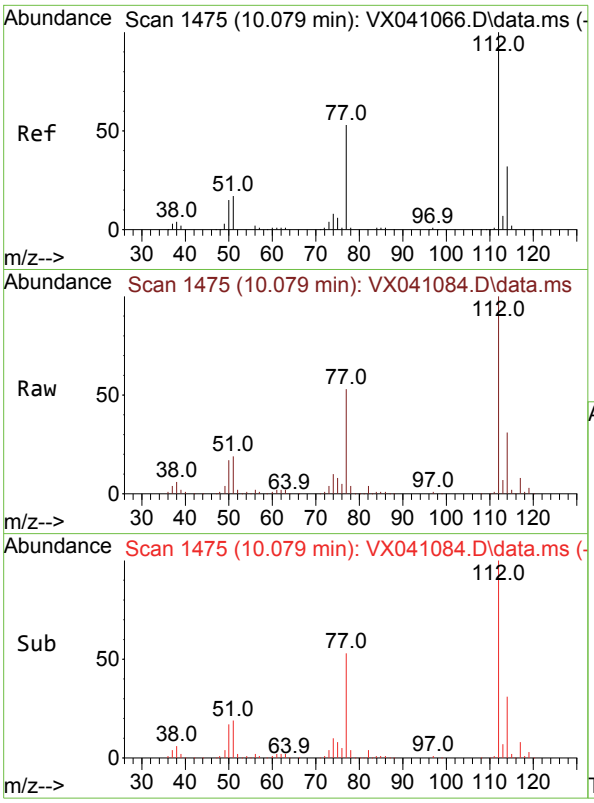


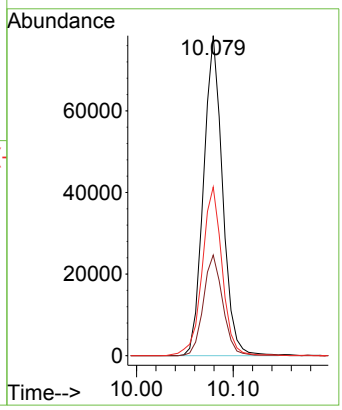


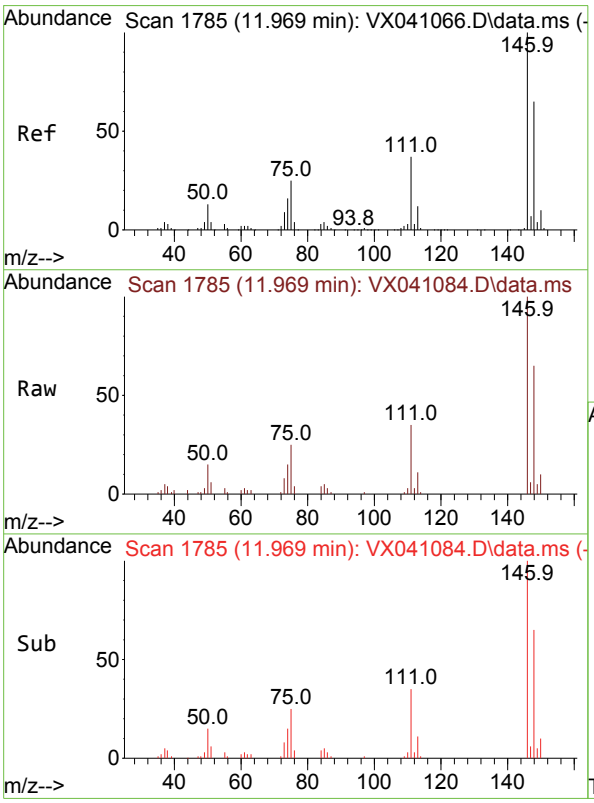
#51
Chlorobenzene
Concen: 20.401 ug/L
RT: 10.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX041084.D
Acq: 15 Apr 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 107330

Ion	Ratio	Lower	Upper
112	100		
114	31.5	23.0	42.8
77	52.7	43.4	65.0

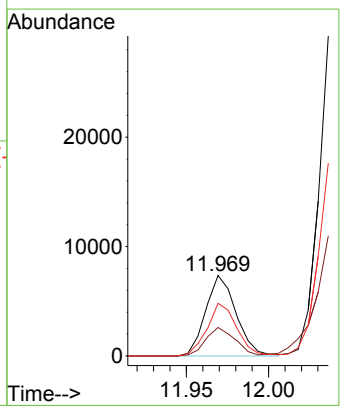


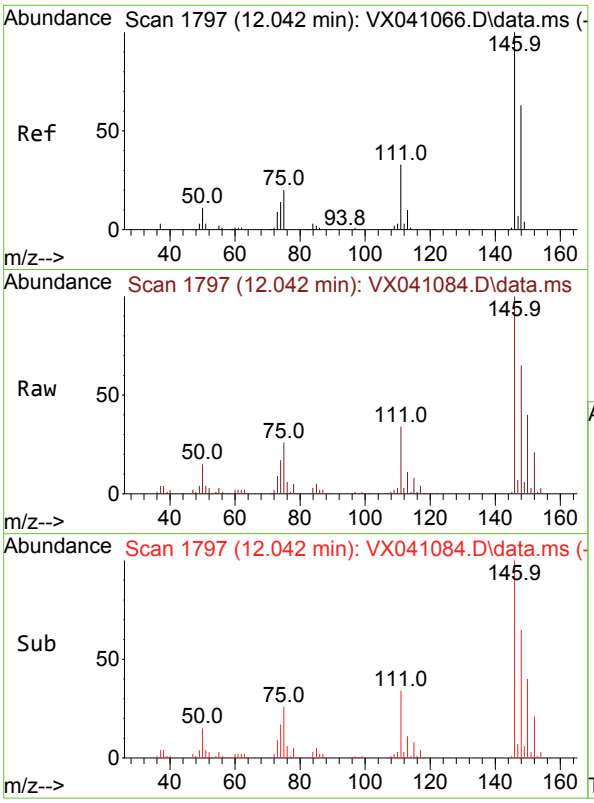


#64
1,3-Dichlorobenzene
Concen: 2.256 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041084.D
Acq: 15 Apr 2024 17:25

Tgt Ion:146 Resp: 9465

Ion	Ratio	Lower	Upper
146	100		
111	35.3	25.3	47.1
148	65.5	44.7	82.9



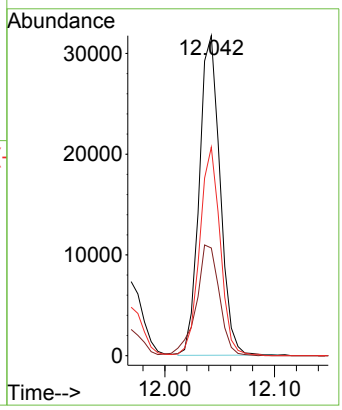


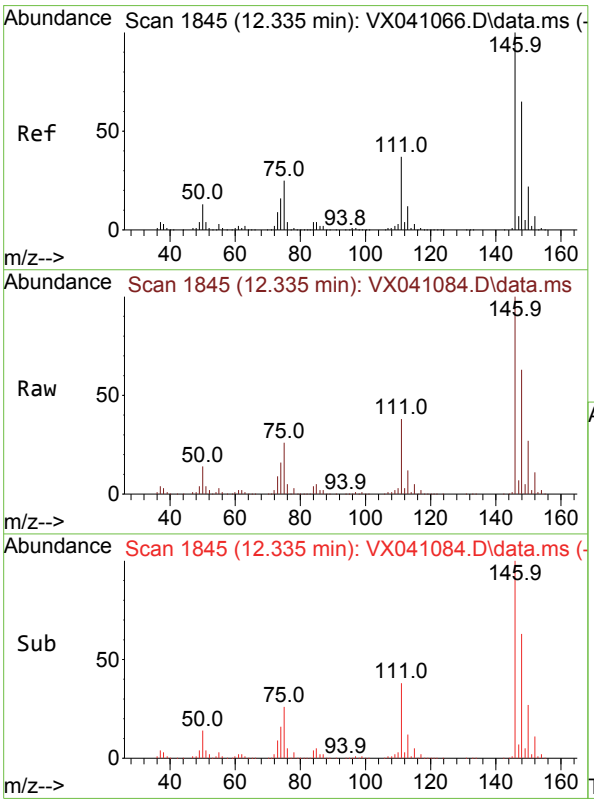
#65
1,4-Dichlorobenzene
Concen: 9.685 ug/L
RT: 12.042 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041084.D
Acq: 15 Apr 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 41716

Ion	Ratio	Lower	Upper
146	100		
111	33.6	23.4	43.6
148	65.1	44.2	82.0

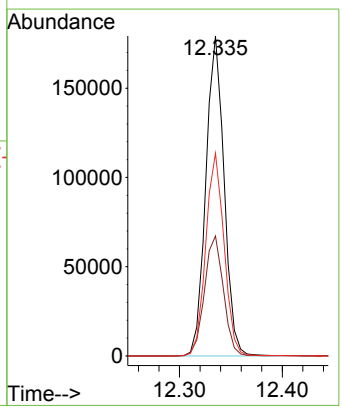


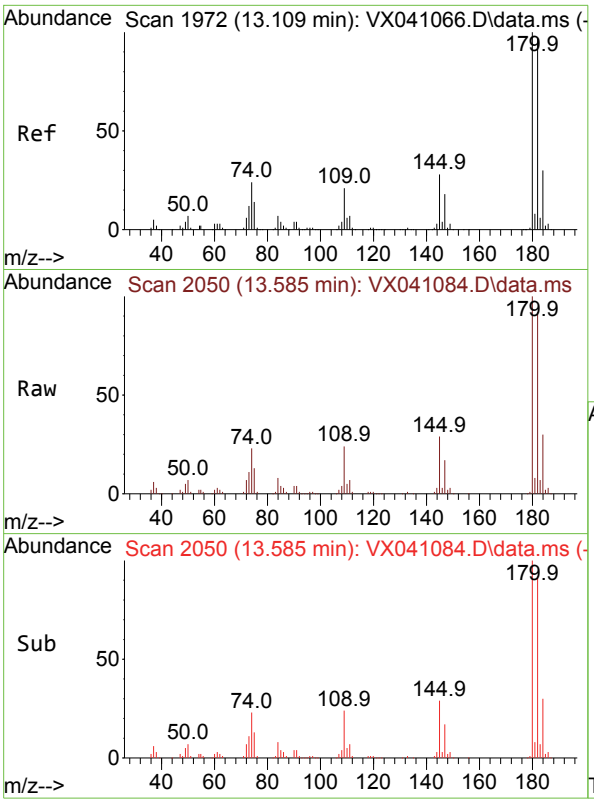


#67
1,2-Dichlorobenzene
Concen: 54.331 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041084.D
Acq: 15 Apr 2024 17:25

Tgt Ion:146 Resp: 221130

Ion	Ratio	Lower	Upper
146	100		
111	37.5	31.8	47.8
148	63.4	53.2	79.8



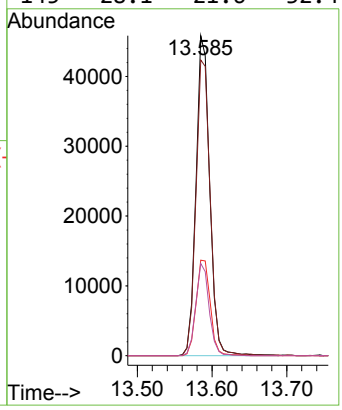


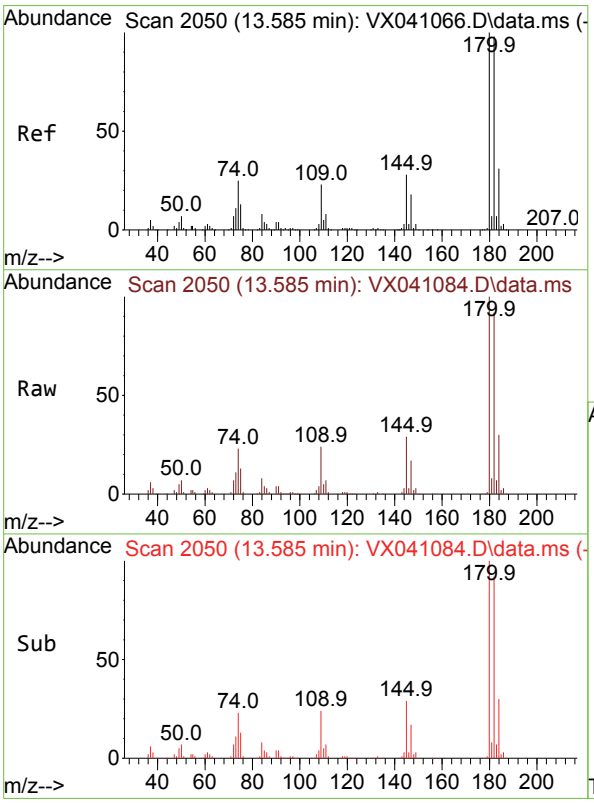
#69
1,3,5-Trichlorobenzene
Concen: 18.190 ug/L
RT: 13.585 min Scan# 2
Delta R.T. 0.476 min
Lab File: VX041084.D
Acq: 15 Apr 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 58446

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
184	30.8	24.4	36.6
145	28.1	21.6	32.4

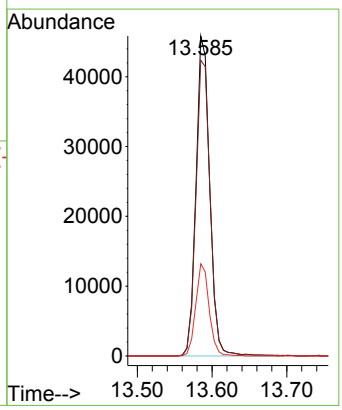


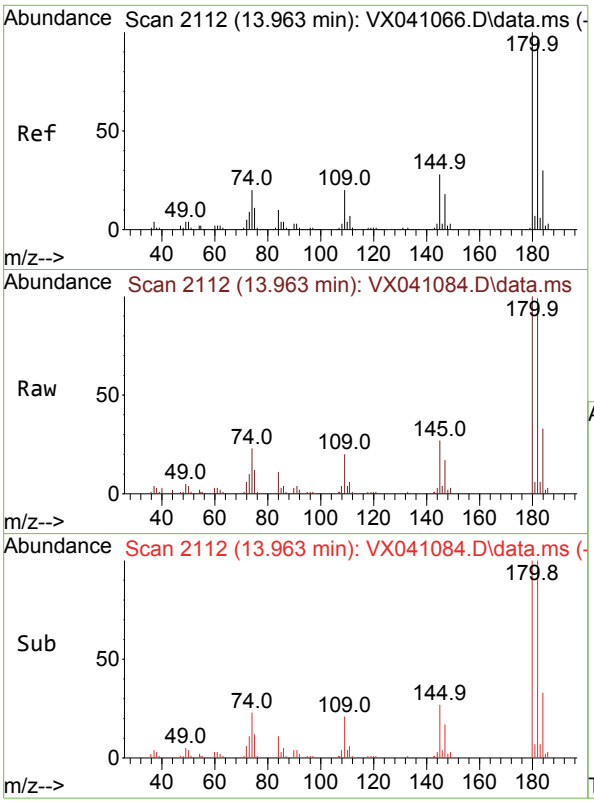


#70
1,2,4-trichlorobenzene
Concen: 19.195 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041084.D
Acq: 15 Apr 2024 17:25

Tgt Ion:180 Resp: 58446

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	28.1	22.3	33.5





#72
1,2,3-Trichlorobenzene
Concen: 3.811 ug/L
RT: 13.963 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX041084.D
Acq: 15 Apr 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 11381

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.0	115.6
145	29.4	23.4	35.2