Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
Data File : VX041009.D
Acq On : 12 Apr 2024 04:32
Operator : JC/MD
Sample : P2049-18 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 12 06:35:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	253908	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	236810	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	124998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66854	37.018	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.040%			
7) Chloroethane-d5	1.666	69	63027	42.791	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.580%			
11) 1,1-Dichloroethene-d2	2.307	65	28505	36.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.940%			
21) 2-Butanone-d5	4.452	46	127098	129.197	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 129.200%			
24) Chloroform-d	5.056	84	154581	45.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.740%			
26) 1,2-Dichloroethane-d4	5.952	65	104509	47.679	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.360%			
32) Benzene-d6	5.977	84	293227	45.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.220%			
36) 1,2-Dichloropropane-d6	7.306	67	91074	48.572	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.140%			
41) Toluene-d8	8.647	98	258831	41.210	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.420%			
43) trans-1,3-Dichloroprop...	8.952	79	38863	41.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.380%			
47) 2-Hexanone-d5	9.385	63	84904	107.401	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.400%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142024	51.134	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.260%			
66) 1,2-Dichlorobenzene-d4	12.317	152	122056	48.677	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.360%			
Target Compounds						Qvalue
37) 1,2-Dichloropropane	7.306	63	10723	6.743	ug/L #	84
51) Chlorobenzene	10.080	112	26843	5.629	ug/L	99
61) 1,2,3-Trichloropropane	11.969	75	1958	1.026	ug/L #	45
64) 1,3-Dichlorobenzene	11.969	146	7385	1.926	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	38642	9.817	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	94865	25.504	ug/L	96
69) 1,3,5-Trichlorobenzene	13.585	180	145650	49.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	145650	52.340	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	19641	7.197	ug/L	99

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

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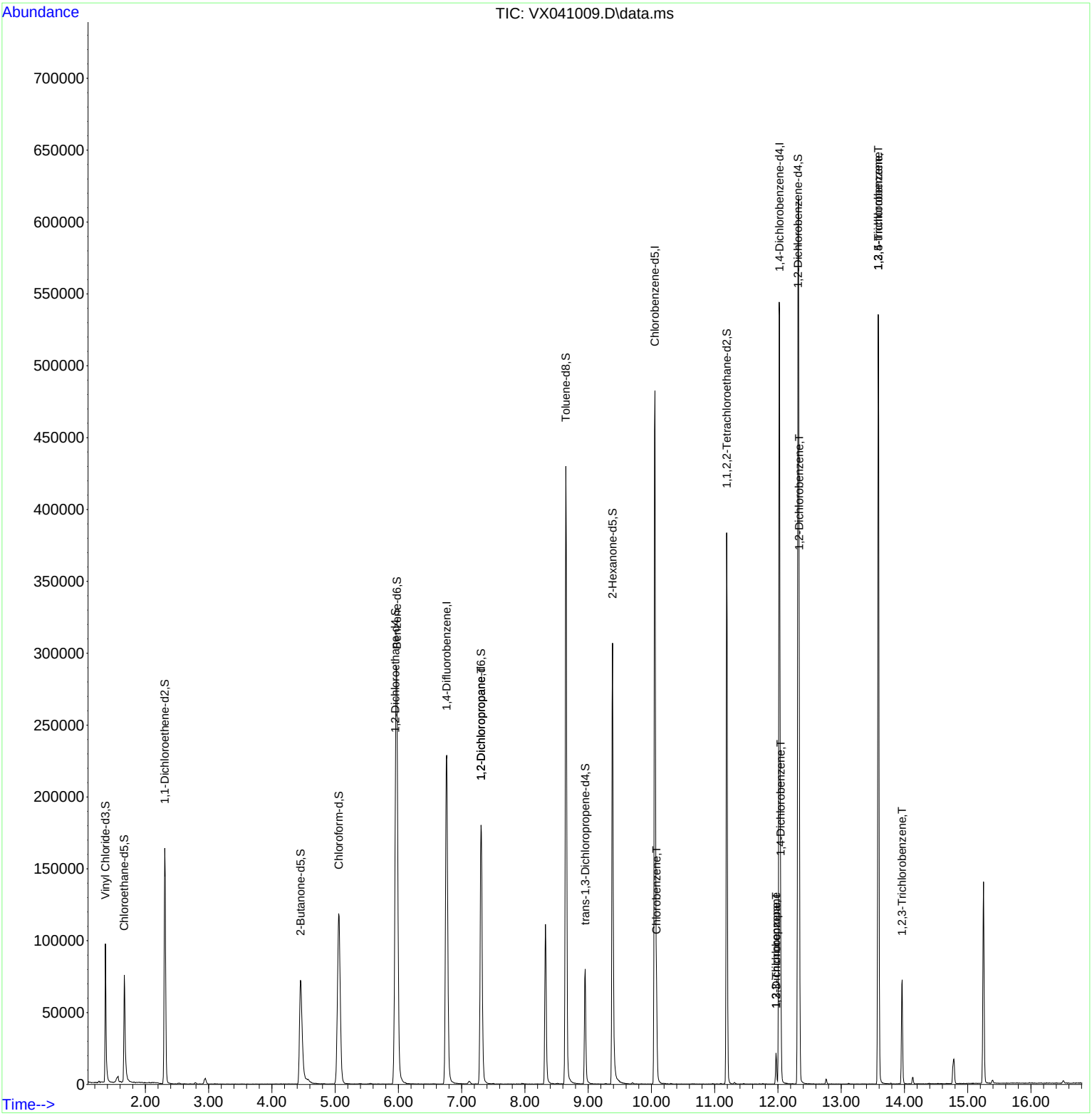
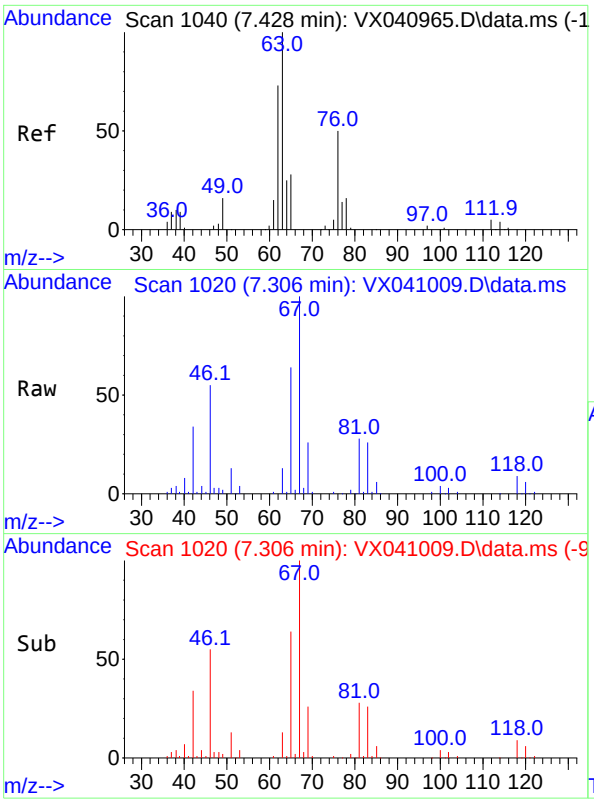
Operator : JC/MD
Sample : P2049-18 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 12 06:35:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
Response via : Initial Calibration



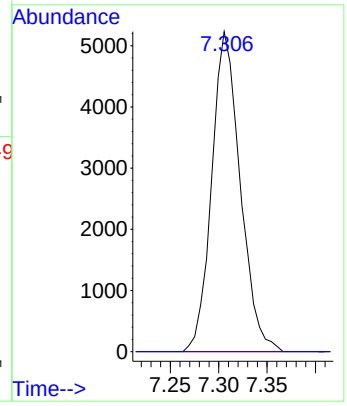


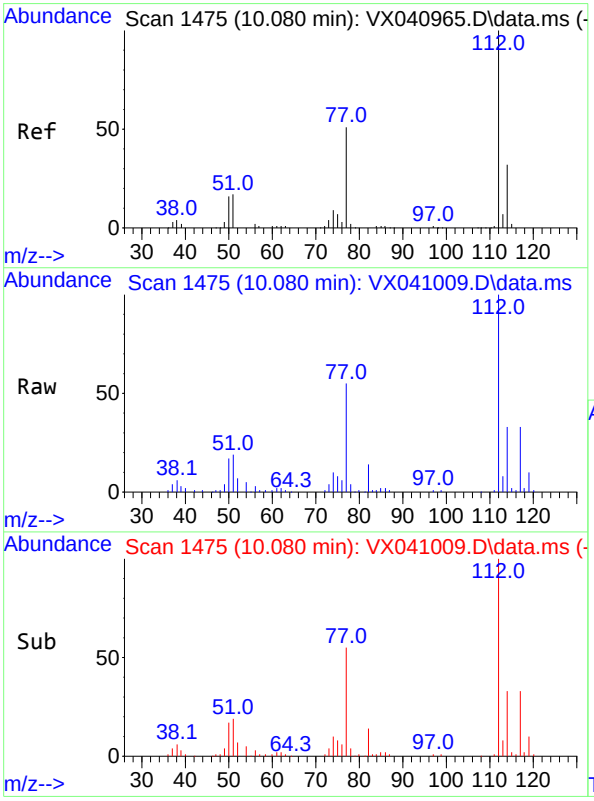
#37
1,2-Dichloropropane
Concen: 6.743 ug/L
RT: 7.306 min Scan# 1
Delta R.T. -0.122 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 10723

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#

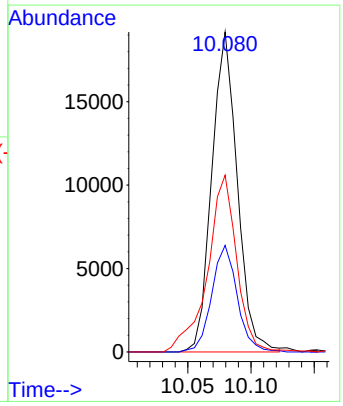


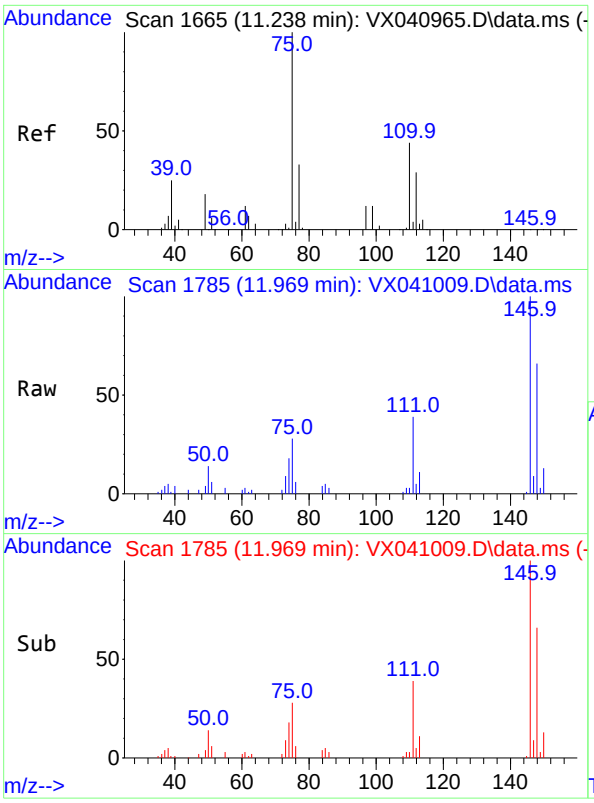


#51
Chlorobenzene
Concen: 5.629 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Tgt Ion:112 Resp: 26843

Ion	Ratio	Lower	Upper
112	100		
114	33.3	23.0	42.8
77	55.2	43.4	65.0



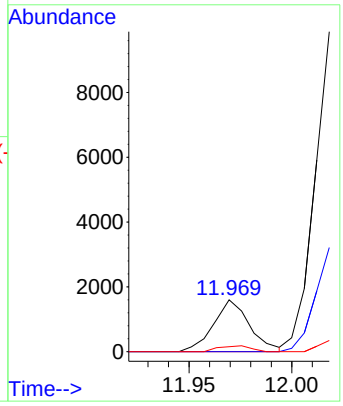


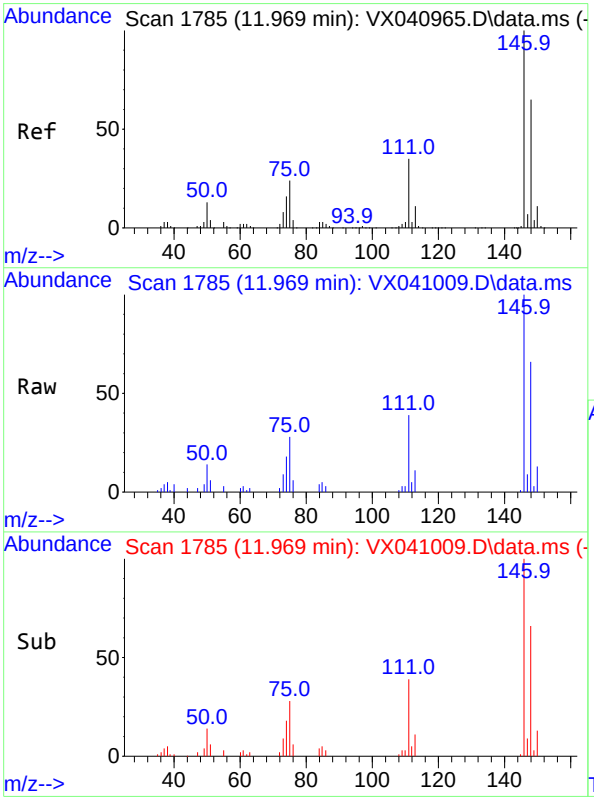
#61
1,2,3-Trichloropropane
Concen: 1.026 ug/L
RT: 11.969 min Scan# 1
Delta R.T. 0.732 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1958

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.8#
110	10.1	35.2	52.8#

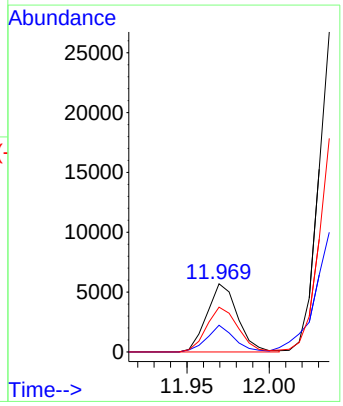


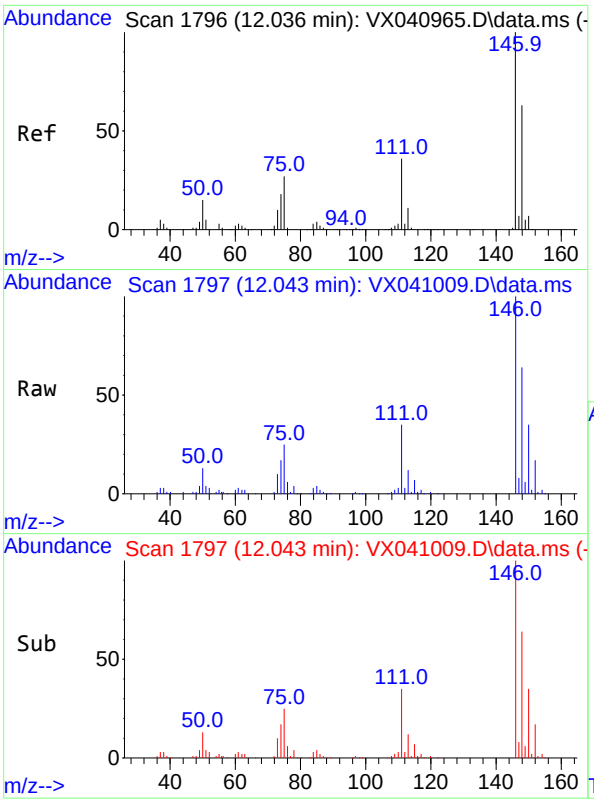


#64
1,3-Dichlorobenzene
Concen: 1.926 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Tgt Ion:146 Resp: 7385

Ion	Ratio	Lower	Upper
146	100		
111	39.2	25.3	47.1
148	65.8	44.7	82.9



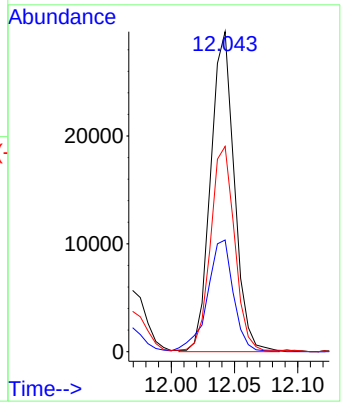


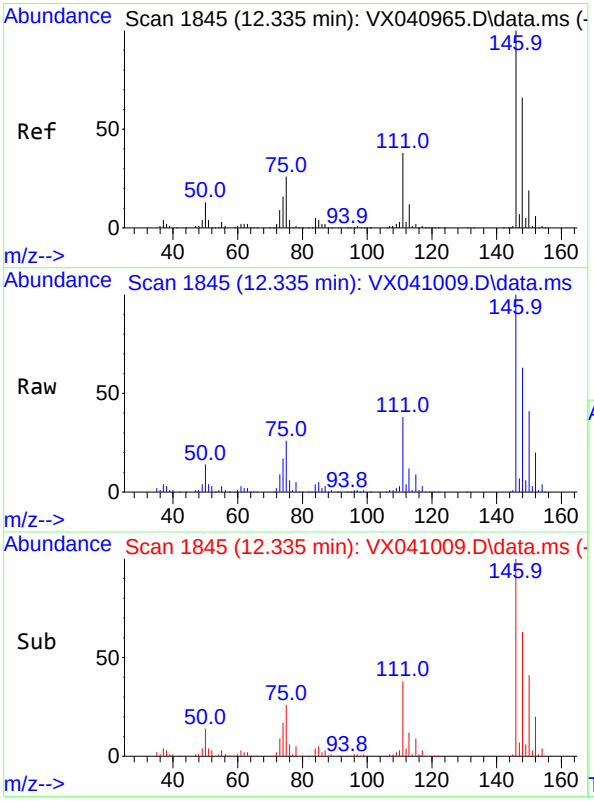
#65
1,4-Dichlorobenzene
Concen: 9.817 ug/L
RT: 12.043 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 38642

Ion	Ratio	Lower	Upper
146	100		
111	34.9	23.4	43.6
148	64.2	44.2	82.0

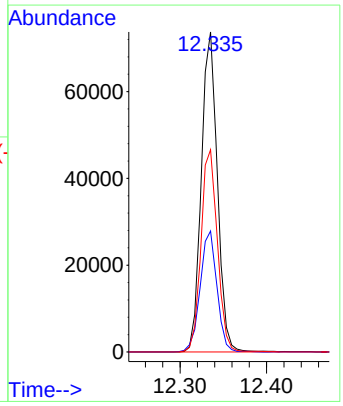


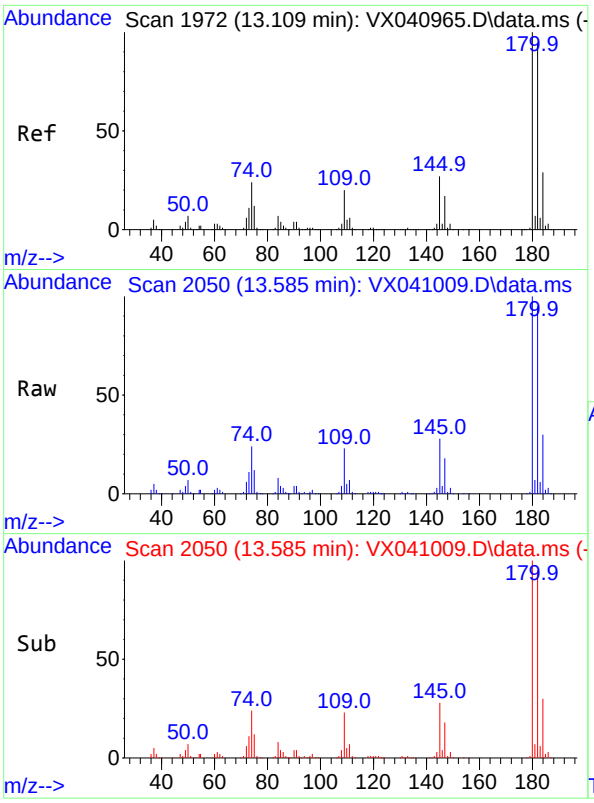


#67
1,2-Dichlorobenzene
Concen: 25.504 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Tgt Ion:146 Resp: 94865

Ion	Ratio	Lower	Upper
146	100		
111	37.8	31.8	47.8
148	63.2	53.2	79.8



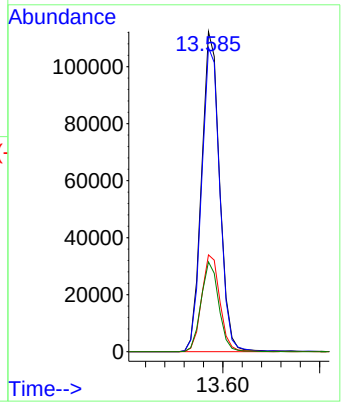


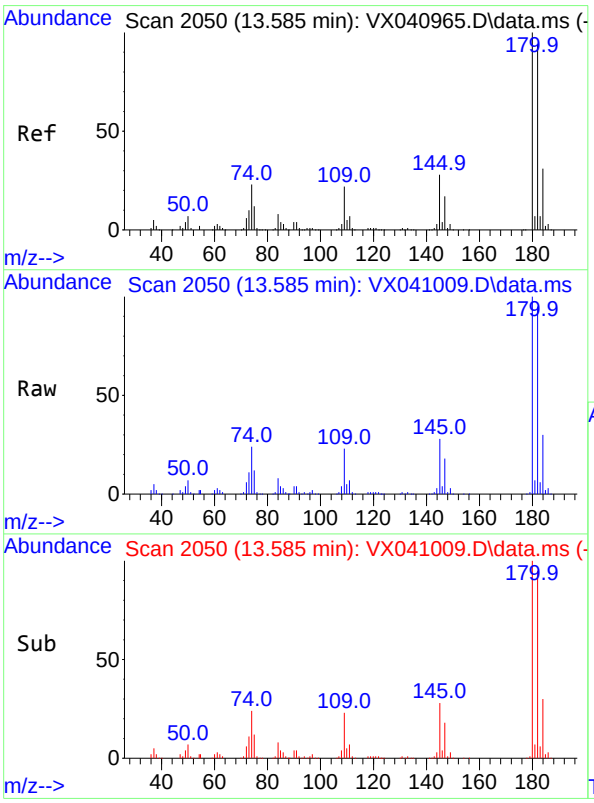
#69
1,3,5-Trichlorobenzene
Concen: 49.599 ug/L
RT: 13.585 min Scan# 2
Delta R.T. 0.476 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 145650

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
184	30.6	24.4	36.6
145	27.6	21.6	32.4

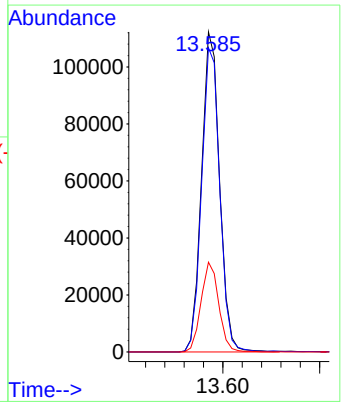


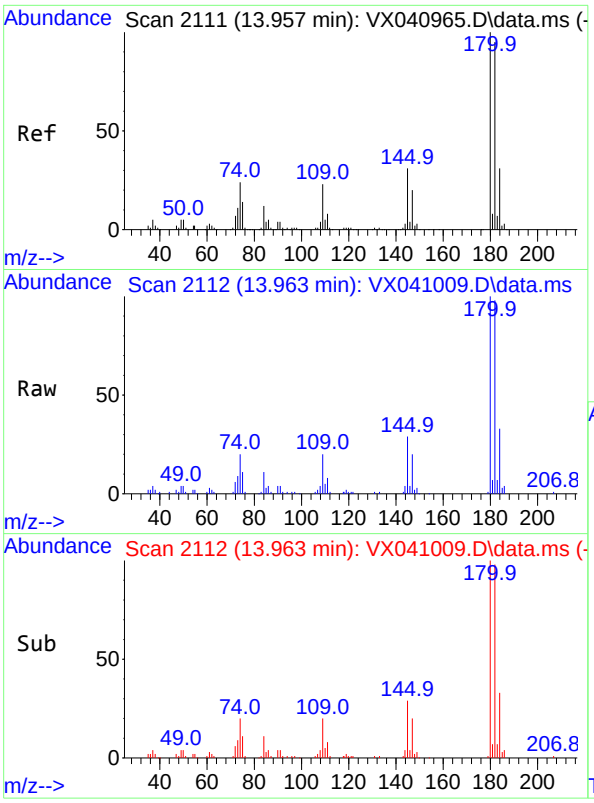


#70
1,2,4-trichlorobenzene
Concen: 52.340 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Tgt Ion:180 Resp: 145650

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	27.6	22.3	33.5





#72
1,2,3-Trichlorobenzene
Concen: 7.197 ug/L
RT: 13.963 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 19641

Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.0	115.6
145	29.8	23.4	35.2