Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
Data File : VX039326.D
Acq On : 18 Dec 2023 21:13
Operator : JC/MD
Sample : 05835-08 100X
Misc : 5.27g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 19 04:20:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 18 22:55:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	220057	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	206466	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97602	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58172	33.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.400%			
7) Chloroethane-d5	1.666	69	46532	36.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.940%			
11) 1,1-Dichloroethene-d2	2.307	65	31104	41.053	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.100%			
21) 2-Butanone-d5	4.452	46	158032	101.148	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.150%			
24) Chloroform-d	5.056	84	132398	43.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.660%			
26) 1,2-Dichloroethane-d4	5.952	65	94477	47.745	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.480%			
32) Benzene-d6	5.977	84	270973	42.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.060%			
36) 1,2-Dichloropropane-d6	7.306	67	90080	43.928	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.860%			
41) Toluene-d8	8.647	98	240103	41.580	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.160%			
43) trans-1,3-Dichloroprop...	8.952	79	39601	37.949	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.900%			
47) 2-Hexanone-d5	9.385	63	111713	91.211	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.210%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	129858	44.640	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.280%			
66) 1,2-Dichlorobenzene-d4	12.317	152	84077	45.574	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.140%			
Target Compounds						Qvalue
44) trans-1,3-Dichloropropene	8.952	75	2119	0.787	ug/L #	71
51) Chlorobenzene	10.080	112	96609	22.479	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	4472	1.446	ug/L	96

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

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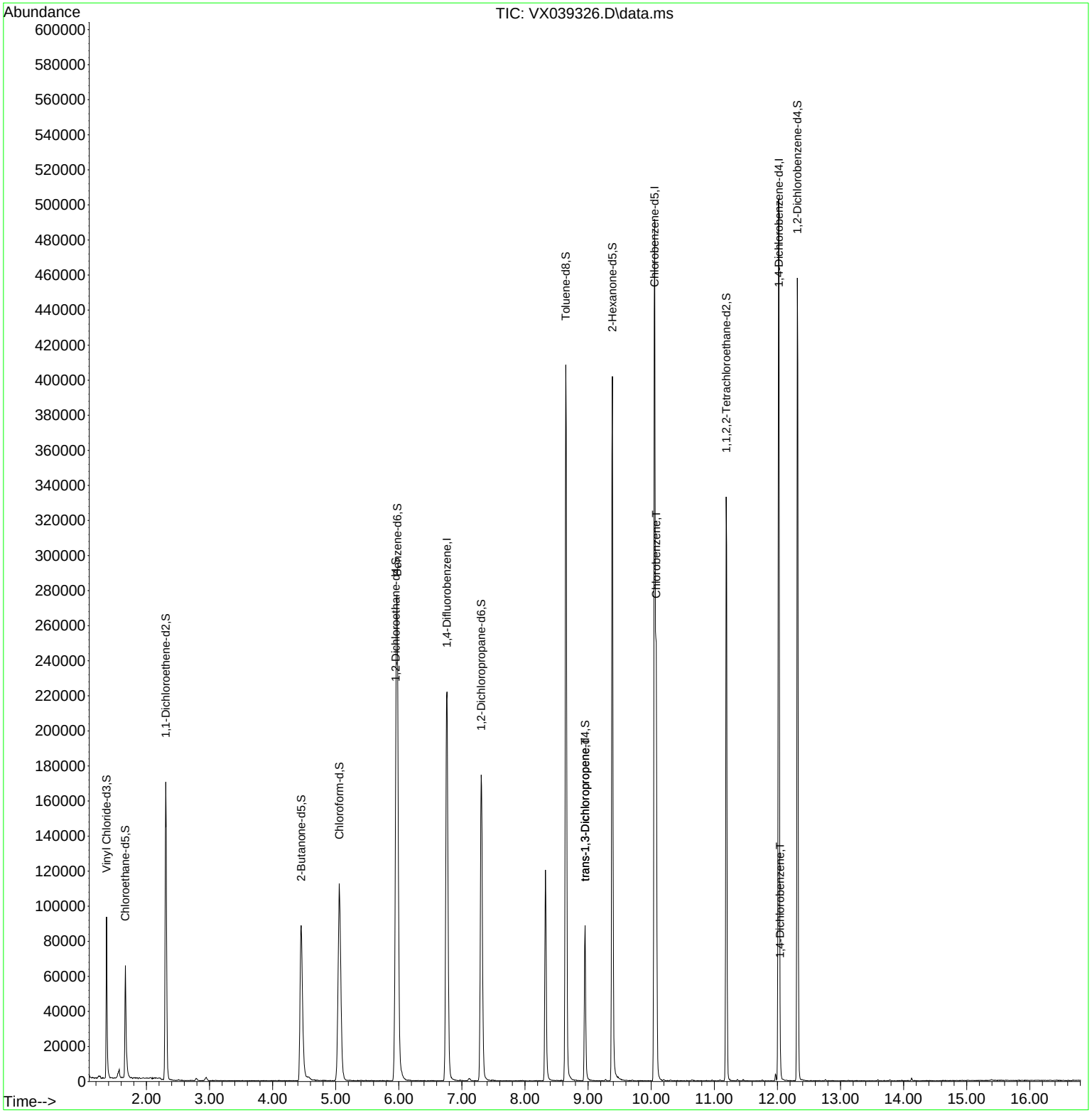
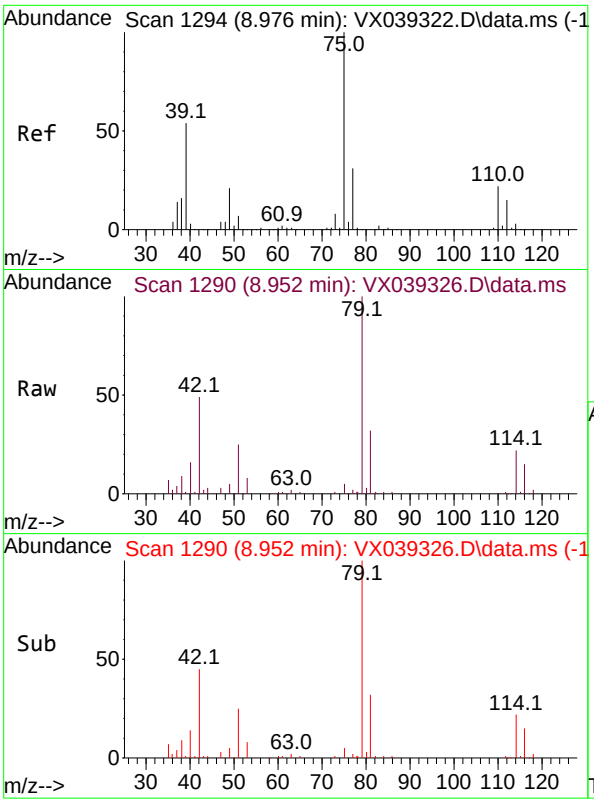


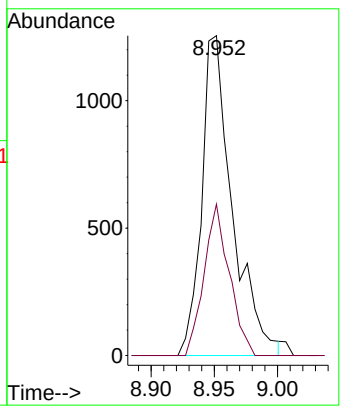


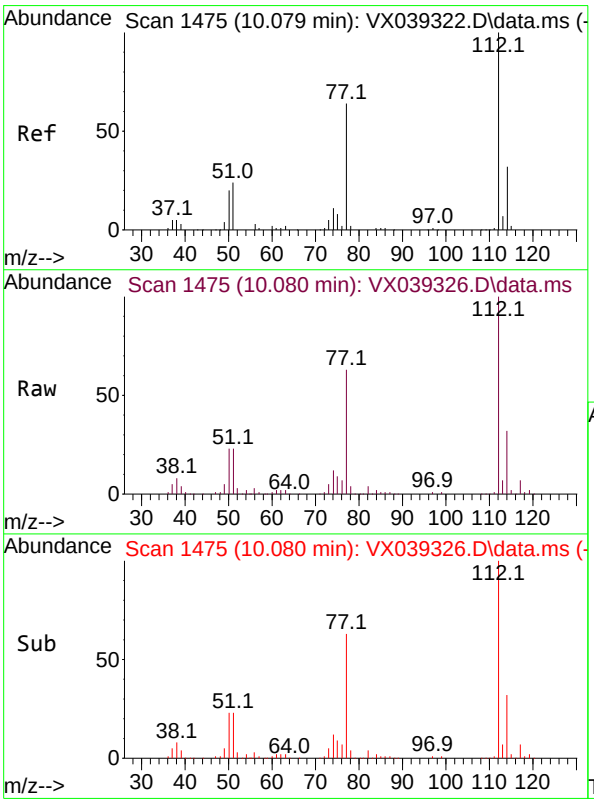
#44
trans-1,3-Dichloropropene
Concen: 0.787 ug/L
RT: 8.952 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX039326.D
Acq: 18 Dec 2023 21:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2119

Ion	Ratio	Lower	Upper
75	100		
77	47.3	22.0	40.8#

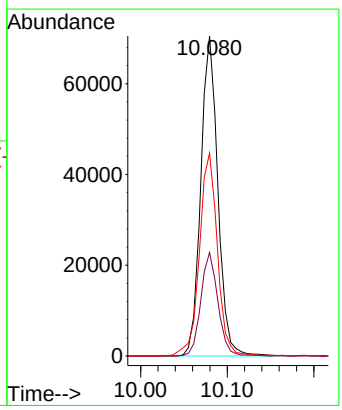


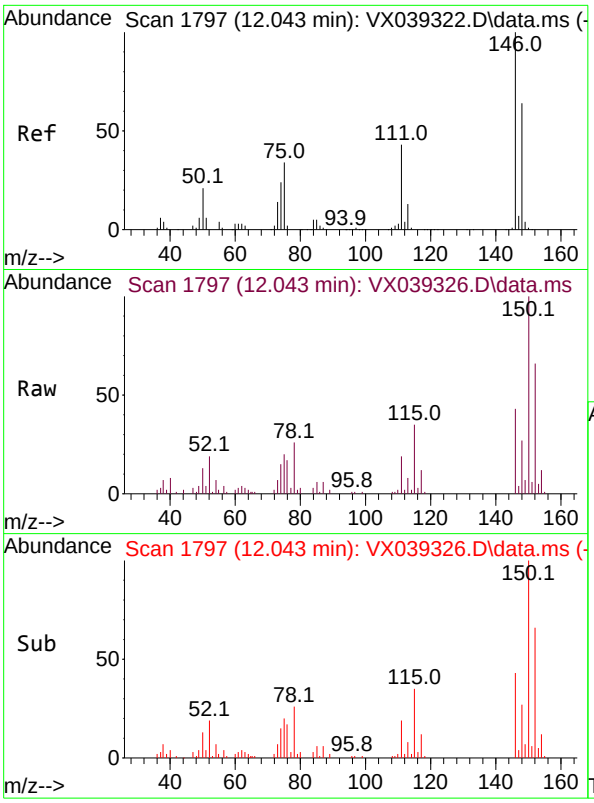


#51
Chlorobenzene
Concen: 22.479 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039326.D
Acq: 18 Dec 2023 21:13

Tgt Ion:112 Resp: 96609

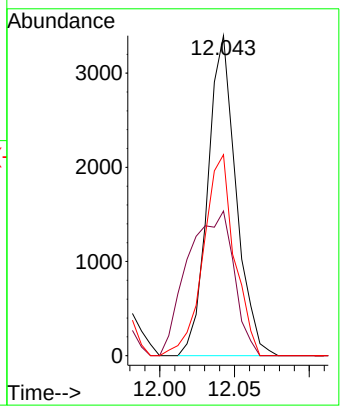
Ion	Ratio	Lower	Upper
112	100		
114	32.3	21.8	40.4
77	63.4	49.0	73.6





#65
1,4-Dichlorobenzene
Concen: 1.446 ug/L
RT: 12.043 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039326.D
Acq: 18 Dec 2023 21:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 4472

Ion	Ratio	Lower	Upper
146	100		
111	45.2	29.7	55.1
148	62.8	45.8	85.2